

COMMITMENT CONCRETE COMMENCEMENT

142ND YEAR OF
THE UNIVERSITY

 **VirginiaTech**
Invent the Future®

MAY 17-19



SPRING 2013

UNIVERSITY DIGNITARIES AND INVITED SPEAKERS

Charles W. Steger, President, Virginia Tech, Class of 1969,
Keynote Speaker, University Commencement

Christoph Ebell, Counselor and Head, Office for Science,
Technology and Higher Education, Swiss Embassy,
Washington, D.C., **Keynote Speaker**, Graduate School
Commencement

Austin K. Yamada, Vice President for Intelligence, Virginia Tech
Applied Research Corporation, **Keynote Speaker**, National
Capital Region Commencement

Michele L. "Shelley" Duke, Owner and Operator, Rallywood Farm,
Named Honorary Alumna in 2005, William H. Ruffner Medal
Award Recipient

Tracy D. Wilkins, Founder of TechLab, Virginia Tech Emeritus
Faculty, University Distinguished Achievement Award

Ben J. Davenport, Jr., Chairman, First Piedmont Corporation,
Class of 1964, Alumni Distinguished Service Award Recipient

David E. Lowe, former President and CEO of Bell-Atlantic (Verizon)
in West Virginia and Chairman, River Course Operating Board,
Class of 1963, Alumni Distinguished Service Award Recipient

General Lance L. Smith (Ret.), Class of 1968, President of the
Alumni Association Board of Directors, Greetings from the
Alumni Association, University Commencement

Dhruv Grewal, Toyota Chair in Commerce and e-business and
Professor of Marketing, Babson College, Class of 1989,
Graduate Alumni Achievement Award Recipient

Mark G. McNamee, Senior Vice President and Provost
Sherwood G. Wilson, Vice President for Administration

Thomas C. Tillar, Jr., Vice President for Alumni Relations

Elizabeth A. Flanagan, Vice President for Development and
University Relations

William T. Lewis, Sr., Vice President for Diversity and Inclusion

M. Dwight Shelton, Vice President for Finance and Chief Financial
Officer

Scott F. Midkiff, Vice President for Information Technology and
Chief Information Officer

Donald J. Leo, Vice President and Executive Director, National
Capital Region Operations

Guru Ghosh, Vice President for Outreach and International Affairs

Robert W. Walters, Vice President for Research

Patricia Ann Perillo, Vice President for Student Affairs

Karen P. DePauw, Vice President and Dean for Graduate
Education

Daniel A. Wubah, Vice President and Dean for Undergraduate
Education

Alan L. Grant, Dean, College of Agriculture and Life Sciences

A. Jack Davis, Dean, College of Architecture and Urban Studies

Richard E. Sorensen, Dean, Pamplin College of Business

Richard C. Benson, Dean, College of Engineering

Sue Ott Rowlands, Dean, College of Liberal Arts and Human
Sciences

Paul M. Winistorfer, Dean, College of Natural Resources and
Environment

Lay Nam Chang, Dean, College of Science

Gerhardt G. Schurig, Dean, Virginia-Maryland Regional College of
Veterinary Medicine

J. Thomas Brown, Jr., Dean of Students

Tyler O. Walters, Dean of University Libraries

Rosemary Blieszner, Associate Dean of the Graduate School

Janet W. Rankin, Associate Dean of the Graduate School

Kenneth H. Wong, Associate Dean of the Graduate School in the
National Capital Region and Director of the Northern Virginia
Center

Sarah M. Karpanty, Faculty Senate President, Message on Behalf
of the Faculty, Graduate School Commencement

Bruce E. Pencek, Social Sciences Librarian, University Libraries,
Commencement Marshal, University and Graduate School
Commencements

Joseph S. Merola, Professor, Chemistry Department, Reader of
Names, Graduate School Commencement

Ana Maria Jaramillo, doctoral student, Architecture and Design
Research, Graduate Student Marshal, Graduate School
Commencement

Kristy E. Benoit, doctoral student, Psychology, Graduate Student
Speaker, Graduate School Commencement

Shaimaa Abdallah, doctoral student, Electrical Engineering,
President, Graduate Student Assembly

Jordan Booker, doctoral student, Psychology, Chief Justice,
Graduate Honor System

Tatiana MacMartin, B.A. Music Education, Class of 2012,
and M.A. student in Curriculum and Instruction, Vocalist,
University and Graduate School Commencements

Jay Crone, Head, Department of Music, Coordinator, Virginia Tech
Brass Ensemble, Graduate School Commencement

Wallace Easter, Associate Professor of Music, Conductor, Virginia
Tech Brass Ensemble, Graduate School Commencement

Alexandra Caracciolo, Female Member-At-Large, Class of 2013,
Opening Reflections, University Commencement

Dustin K. Dorph, Vice President, Class of 2013, Message from
the Class of 2013, University Commencement

Ian E. Newell, Cadet Member-At-Large, Class of 2013, Closing
Reflections, University Commencement

Travis J. Cross, Assistant Professor of Music, Conductor, Virginia
Tech Symphonic Wind Ensemble, University Commencement

John R. Hutcheson III, Director of National Capital Region Alumni
Programs, Class of 1971

A. Jerome Fowlkes, Class of 1988, Virginia Tech Alumni
Association Board of Directors, Greetings from the Alumni
Association, National Capital Region Commencement

Kathleen L. Hancock, President of the National Capital Region
Faculty Association, Message on Behalf of the Faculty,
National Capital Region Commencement

Jillian A. Drank, M.S. student in Human Development, Vocalist,
National Capital Region Commencement

Marcie Boucouvalas, Director of Adult Learning and Human
Resource Development, Virginia Tech Northern Virginia
Center, National Capital Region Commencement

Melissa Maybury Lubin, Ph.D. student in Human Development
and Director, Virginia Tech Richmond Center, Graduate
Student Remarks, National Capital Region Commencement

Adil N. Godrej, Associate Director, Occoquan Watershed
Monitoring Lab, Reader of Names, National Capital Region
Commencement

Charles T. Peterson, Director, Quintessential Brass Repertoire,
National Capital Region Commencement

CALENDAR OF EVENTS

FRIDAY, MAY 17, 2013

*Commencement Breakfast	D2, Dietrick Dining Center, Upper Level	7:00 - 10:30 a.m.
Deet's Place (gourmet coffee, ice cream, and pastry)	Dietrick Dining Center, Lower Level	7:30 a.m. - 4:00 p.m.
Au Bon Pain Kiosk	Squires Food Court, Squires Student Center	8:00 a.m. - 4:00 p.m.
GRADUATE SCHOOL COMMENCEMENT CEREMONY	Cassell Coliseum	8:30 a.m.
UNIVERSITY COMMENCEMENT CEREMONY	Lane Stadium/Worsham Field	12:00 noon
DEPARTMENTAL COMMENCEMENT CEREMONIES		
Communication	Cassell Coliseum	4:00 p.m.
Human Development	Squires Student Center, Commonwealth Ballroom	4:00 p.m.
Psychology	Burruss Hall, Auditorium	4:00 p.m.
Apparel, Housing, and Resource Management	Squires Student Center, Colonial Hall	5:00 p.m.
*Commencement Dinner	D2, Dietrick Dining Center, Upper Level	4:00 - 7:00 p.m.
VA-MD REGIONAL COLLEGE OF VETERINARY MEDICINE COMMENCEMENT CEREMONY	Squires Student Center, Commonwealth Ballroom	7:00 p.m.
CORPS OF CADETS COMMENCEMENT & ROTC COMMISSIONING CEREMONY	Burruss Hall, Auditorium	7:00 p.m.

SATURDAY, MAY 18, 2013

*Commencement Breakfast	D2, Dietrick Dining Center, Upper Level	7:00 - 11:00 a.m.
Deet's Place (gourmet coffee, ice cream, and pastry)	Dietrick Dining Center, Lower Level	6:30 - 10:30 a.m.
Au Bon Pain Café	Squires Food Court, Squires Student Center	7:00 a.m. - 4:00 p.m.
Au Bon Pain Kiosk	Squires Food Court, Squires Student Center	8:00 a.m. - 4:00 p.m.

COLLEGE/DEPARTMENTAL COMMENCEMENT CEREMONIES

Agriculture and Life Sciences	Cassell Coliseum	11:00 a.m.
Architecture and Urban Studies	Burruss Hall, Auditorium	11:30 a.m.
Pamplin College of Business	Cassell Coliseum	2:00 p.m.
Engineering	Cassell Coliseum	8:00 a.m.
Liberal Arts and Human Sciences		
English	Squires Student Center, Commonwealth Ballroom	8:30 a.m.
Foreign Languages and Literatures	Squires Student Center, Colonial Hall	1:30 p.m.
History	Squires Student Center, Commonwealth Ballroom	2:30 p.m.
Music	Squires Student Center, Recital Salon	9:30 a.m.
Philosophy	Torgersen Hall, Room 2150	11:00 a.m.
Political Science and International Studies	Burruss Hall, Auditorium	2:30 p.m.
Religion and Culture	Squires Student Center, Old Dominion Ballroom	9:00 a.m.
Science & Technology in Society	Hahn Horticulture Garden, Washington Street	12:30 p.m.
Sociology	Squires Student Center, Colonial Hall	8:30 a.m.
Theatre and Cinema	Squires Student Center, Studio Theatre	9:00 a.m.
Natural Resources and Environment	Squires Student Center, Commonwealth Ballroom	11:30 a.m.
Science		
Biological Sciences	Burruss Hall, Auditorium	8:30 a.m.
Chemistry	Lyric Theatre, College Avenue	9:00 a.m.
Economics	McBryde Hall, Room 100	9:00 a.m.
Geosciences	Hancock Hall, Room 100	10:00 a.m.
Mathematics	McBryde Hall, Room 100	11:00 a.m.
Physics	Hahn Hall-North Wing, Room 130	1:30 p.m.
Statistics	Hillcrest Hall	11:00 a.m.

SUNDAY, MAY 19, 2013

NATIONAL CAPITAL REGION COMMENCEMENT CEREMONY	Center for the Arts, George Mason University, Fairfax, VA	1:30 p.m.
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*Meal tickets may be purchased. For details call (540) 231-5721

GRADUATE COMMENCEMENT

8:30 a.m., Friday, May 17, 2013

Cassell Coliseum

(The audience is requested to remain seated as the academic procession enters.)

Prelude:	Virginia Tech Brass Ensemble <i>Jay Crone, Coordinator</i>
Academic Processional:	Bruce Pencek, <i>Commencement Marshal</i> Ana Maria Jaramillo, <i>Graduate Student Marshal</i>
The National Anthem	Tatiana MacMartin <i>B.A. Music Education, Class of 2012, and M.A. student in Curriculum and Instruction</i>
Posting of Colors	Corps of Cadets Color Guard
Greetings	Charles W. Steger <i>University President</i>
Speaker Introductions	Mark G. McNamee <i>Senior Vice President and Provost</i>
Graduate Student Remarks	Kristy E. Benoit <i>Doctoral student in Psychology</i>
Graduation Address	Christoph Ebell <i>Counselor and Head, Office for Science, Technology and Higher Education, Swiss Embassy, Washington, D.C.</i>
Announcement of the Graduate Alumni Achievement Award	Thomas C. Tillar, Jr. <i>Vice President for Alumni Relations</i> Dhruv Grewal, <i>Class of 1989</i>
Images and Reflections	Karen P. DePauw <i>Vice President and Dean for Graduate Education</i>
Interlude: <i>Ad Futurum Formandum</i>	written by James Sochinski
Presentation of Doctoral Candidates	Karen P. DePauw
Conferral of Doctoral Degrees	Charles W. Steger
Hooding of Doctoral Candidates	Candidates hooded by the Major Professors
Presentation of Master's, Education Specialist, and Certificate Candidates	Karen P. DePauw
Conferral of Master's and Education Specialist Degrees, and Certificate Candidates	Charles W. Steger
Reading of Names	Joseph S. Merola <i>Professor, Department of Chemistry</i>
Message from the Faculty	Sarah M. Karpanty <i>President, Faculty Senate</i>
Concluding Remarks	Charles W. Steger
Recessional: (please stand)	Virginia Tech Brass Ensemble

GRADUATE COMMENCEMENT SPEAKER

Since 2009, Christoph Ebell has served as the science and technology counselor at the Swiss Embassy in Washington, D.C. His responsibilities include the relations between Switzerland and the United States in the fields of science, technology, innovation as well as higher education, and vocational education and training.

Before his posting in the U.S., Mr. Ebell worked at the Department of Economic Affairs in Bern, Switzerland, where he headed up the international cooperation section for innovation and market-oriented research and education. Projects were global and included innovation cooperation with Asian countries, with a focus on China and South-East Asia.

Specializing in innovation policy issues, he was delegate at the Organization for Economic Development and Cooperation (OECD) Committee for Science and Technology Policy and a member of several expert working groups, including the expert panel on the OECD Innovation Strategy and the Economic Commission for Europe at the United Nations.

Prior to that, Mr. Ebell developed extensive experience with R&D-related European Union institutions and multilateral cooperation mechanisms both on a European and global level. Before joining the government services, he did research in American and Afro-American studies and Culture in Switzerland and at Harvard University. He earned an M.A. from the University of Bern and from the University of Illinois at Chicago, and he studied physics (with a special interest in particle physics), art history, and literature in Switzerland.



Christoph Ebell

GRADUATE ALUMNI ACHIEVEMENT AWARD RECIPIENT



Dhruv Grewal

Virginia Tech's 2013 Graduate Alumni Achievement Award will be presented to Dhruv Grewal, the Toyota Chair in Commerce and Electronic Business and a professor of marketing at Babson College. The Graduate Alumni Achievement Award honors its recipients for outstanding accomplishments and exemplary contributions to their professions, disciplines, communities, or society at large.

Dr. Grewal earned both his M.B.A. (1985) and his Ph.D. in marketing (1989) from Virginia Tech. His frequently-cited research has provided key insights into the ways consumers use price and other cues in the retail setting to evaluate products and services.

Over two significant periods, 1991-1998 and 2000-2007, Dr. Grewal was the most frequently published author in the major marketing journals. He has published two major textbooks and more than 110 journal articles.

He is a Distinguished Fellow of the Academy of Marketing Science and has received many awards, including the 2012 Lifetime Achievement Award in Pricing from the American Marketing Association Retailing and Pricing Special Interest Group, the Lifetime Achievement Award in Retailing from the American Marketing Association Retailing Special Interest Group, and the 2005 Lifetime Achievement in Behavioral Pricing Award from Fordham University. The Academy of Marketing Science recognized him with the Cutco/Vector Distinguished Educator Award in 2010.

During his career, he has been the editor of the *Journal of Retailing* (2001-2007), edited special issues for a number of journals, and served on a number of editorial review boards for leading marketing journals. He has served as vice president for research and conferences on the American Marketing Association Academic Council and as vice president for development for the Academy of Marketing Science. He received a Best Reviewer Award in 2008 from the *Journal of Retailing*, which also awarded him its Distinguished Service Award the following year. He has received the Southern Marketing Association's Sherwin-Williams Distinguished Teaching Award, the American Marketing Association Award for Innovative Excellence in Marketing Education, and the Academy of Marketing Science Great Teachers in Marketing Award.

UNIVERSITY COMMENCEMENT

12 Noon, Friday, May 17, 2013

LANE STADIUM

(The audience is requested to remain seated as the academic procession enters.)

Prelude:	Symphonic Wind Ensemble Travis J. Cross, <i>Conductor</i>
Academic Processional:	Bruce E. Pencek <i>Commencement Marshal</i>
The National Anthem	Tatiana MacMartin <i>B.A. Music Education, Class of 2012, and M.A. in Curriculum and Instruction</i>
Posting of Colors	Corps of Cadets Color Guard
Greetings	Charles W. Steger <i>University President</i>
Opening Reflections	Alexandra Caracciolo <i>Female Member-At-Large, Class of 2013</i>
Greetings from the Alumni Association	General Lance L. Smith (Ret.) <i>President of the Alumni Association Board of Directors, Class of 1968</i>
Message from the Class of 2013	Dustin K. Dorph <i>Vice President, Class of 2013</i>
Alma Mater (words inside back cover)	Tatiana MacMartin
Graduation Address	Charles W. Steger <i>President of Virginia Tech, Class of 1969</i>
Announcement of the Alumni Distinguished Service Award Recipients	Thomas C. Tillar, Jr. <i>Vice President for Alumni Relations</i>
Ben J. Davenport, Jr., Class of 1964	
David E. Lowe, Class of 1963	
Announcement of the University Distinguished Achievement Award Recipient	Charles W. Steger
Tracy D. Wilkins, Founder of TechLab, Virginia Tech Faculty Emeritus	
Announcement of the William H. Ruffner Medal Award Recipient	Charles W. Steger
Michele "Shelley" L. Duke, Named Honorary Alumna in 2005	
Presentation of Degree Candidates	Mark G. McNamee <i>Senior Vice President and Provost and College Deans</i>
Conferral of Degrees	Charles W. Steger
Concluding Remarks	Charles W. Steger
Closing Reflections	Ian A. Newell <i>Cadet Member-At-Large, Class of 2013</i>
Recessional: (<i>please stand</i>)	Symphonic Wind Ensemble

UNIVERSITY COMMENCEMENT SPEAKER



Dr. Charles W. Steger

Dr. Charles W. Steger is the 15th president of Virginia Tech, his alma mater, having earned his bachelor and master's degrees in architecture and a Ph.D. in engineering. A Fellow in the American Institute of Architects, he left a private-sector career to pursue his passion for teaching at Virginia Tech. He was Dean of the College of Architecture and Urban Studies, Acting Vice President for Public Service, and Vice President for Development and University Relations before becoming President in 2000.

Dr. Steger has spent virtually his entire career at Virginia Tech leading it from one superlative to another, driven by the goal to provide the highest quality education possible for the students. Since 2000, the university has grown enrollment from 28,000 to 31,000, increased graduate enrollment by 12 percent, raised more than \$1 billion in private funding, formed a school of biomedical engineering, created a school of medicine, joined the Atlantic Coast Conference (ACC), and constructed a Center for the Arts and the Virginia Tech Research Center-Arlington as part of the largest building boom in university history.

Under his leadership, Virginia Tech has charted a course to become one of the nation's top research universities. Among the highlights of his presidency to date, in addition to a more than 300 percent increase in the university's annual research expenditures, are the university's adoption of the Principles of Community and the Virginia Tech Climate Action Commitment.

Among his recent awards, he was named a 2013 Tech Titan by *The Washingtonian* magazine. He was the 2010 recipient of the Michael P. Malone International Leadership Award from the Association of Public and Land-Grant Universities and received the 2009 Chief Executive Leadership Award from the Council for Advancement and Support of Education, District III. The New Century Technology Council awarded him its 2004 Compass Award for visionary thinking and leadership in the field of information technology. He has also received several awards for architectural design.

He is chairman of the Virginia Council of Presidents and has been appointed by five Governors of Virginia to serve on various boards dealing with higher education, homeland security, information technology, and international education. He has served as a member of the Governor's Commission on Higher Education Reform, and the Innovation and Entrepreneurship Investment Authority, and the Higher Education Advisory Committee.

In addition, he serves on the boards of a number of public and private organizations, including the board of the Jefferson Science Associates, which oversees the Jefferson National Lab, and the Senior Advisory Group of the Northern Virginia Technology Council Board of Directors. He is on the Board of the National Institute of Building Sciences, is President of the Council of Presidents of the Southeastern Universities Research Association (SURA) and a member of the Economic Club of Washington. In addition, he represents the ACC on the Bowl Championship Series (BCS) Presidential Oversight Committee.

WILLIAM H. RUFFNER MEDAL RECIPIENT



Michele "Shelley" L. Duke

The 2013 recipient of Virginia Tech's highest honor, the William H. Ruffner Medal, is Michele "Shelley" L. Duke of Middleburg, Virginia, who is being recognized for the substantial difference she has made to the university through her volunteer service and support.

Mrs. Duke, who owns and operates Rallywood Farm in her adopted hometown, was the first female vice-rector on the Virginia Tech Board of Visitors. She is the second woman to win the Ruffner Medal, which was established in 1976.

Her relationship with Virginia Tech spans more than 20 years and started when she began volunteering for and donating to the Marion DuPont Scott Equine Medical Center, located in Leesburg, Virginia. She has been the center's volunteer program director and chair of the Equine Medical Center council. Along with her husband, Philip, she is a member of the Ut Prosim Society, which includes the university's most generous donors, and the Legacy Society, whose membership provides for the university in their estate plans or makes deferred gifts that will come to the university in the future.

Mrs. Duke was named an honorary alumna by the Virginia Tech Alumni Association in 2005 – a distinction fewer than 15 people have received. In 2009, she delivered the keynote address for the university's National Capital Region Commencement.

She has served on numerous university boards and committees, including the Virginia Tech Foundation board of directors, the National Campaign Steering Committee for the university's most recent fundraising campaign, the Women in Leadership and Philanthropy Council, the Middleburg Agricultural Research Extension Center board, the Olivio Ferrari Foundation board of directors, and the Virginia-Maryland Regional College of Veterinary Medicine dean's advisory council.

A Californian native, her career includes serving as principal of J.A. Sanford and Company and Shearson Hayden Stone Inc. (now part of Morgan Stanley).

Mrs. Duke has a long history of service and leadership wherever she makes her home. She is a past president of the University of California at San Francisco board of directors and served on the boards for a number of San Francisco-based organizations. Her dedication to the San Francisco community led to her being named a volunteer of the year by the United Bay Area Crusade. Her volunteer activity in Orlando, Florida, includes serving as vice president and treasurer for the Human Resources Council and as treasurer for the Junior League.

UNIVERSITY DISTINGUISHED ACHIEVEMENT AWARD RECIPIENT



Tracy D. Wilkins

Tracy D. Wilkins, an emeritus member of Virginia Tech's faculty, a university leader, and the founder of TechLab, is the 2013 recipient of Virginia Tech's University Distinguished Achievement Award.

Dr. Wilkins, a native of Joplin, Missouri, has made significant contributions as a scientist, educator, entrepreneur, and philanthropist. He earned a bachelor's degree with honors from the University of Arkansas and was a National Institutes of Health pre-doctoral Fellow at the University of Texas. Dr. Wilkins joined the Virginia Tech Department of Anaerobic Microbiology in 1972 and moved rapidly through the academic ranks, ultimately achieving the distinction of Stroobants Professor of Biotechnology.

As a campus leader, Dr. Wilkins helped develop and implement Virginia Tech's original thrust into biotechnology research, including oversight responsibility for two of Virginia Tech's premier life science facilities: the Fralin Biotechnology Center and the Virginia Bioinformatics Institute. Today, these facilities house more than 300 scientists and trainees, who combined have more than \$70 million in active biomedical research projects. Dr. Wilkins was also a founding member of the Virginia Tech Corporate Research Center (CRC), and continues to serve on the board.

Dr. Wilkins made numerous contributions in the area of infectious disease research, with the efforts of his research team leading to 200 peer-reviewed publications that have been cited more than 7,500 times. His many scientific accomplishments include developing effective methods for the sampling, diagnosis, and timely treatment of the leading hospital-acquired microbial infection, which has had a positive impact on global health and economy.

His interests in practical application of scientific discoveries led to his attainment of eight patents and launch of two successful companies. One of these, TechLab, is headquartered in the CRC, and employs more than 125 people in marketing numerous FDA-cleared diagnostic kits.

As an innovator and philanthropist, he conceived of and endowed Virginia Tech's biotechnology outreach program that includes the "Biotech in a Box" initiative, which provides supplies and equipment for hands-on experiments to high school students throughout the commonwealth. This program benefits more than 20,000 high school students each year. He also initiated and provided seed funding for the Summer Undergraduate Research Program for life-science students.

ALUMNI DISTINGUISHED SERVICE AWARD RECIPIENT



Ben J. Davenport, Jr.

Ben J. Davenport, Jr. is a recipient of the 2013 Alumni Distinguished Service Award in recognition of his outstanding service to the university and the Alumni Association.

From Chatham, Virginia, Mr. Davenport is Chairman of First Piedmont Corporation, a regional waste management company, as well as Davenport Energy, a supplier of petroleum products in southern Virginia. He was a founding member of the Mid-Atlantic Broadband Corporation, which has built a 1,500-mile network of fiber connecting 26 counties and cities in southern Virginia.

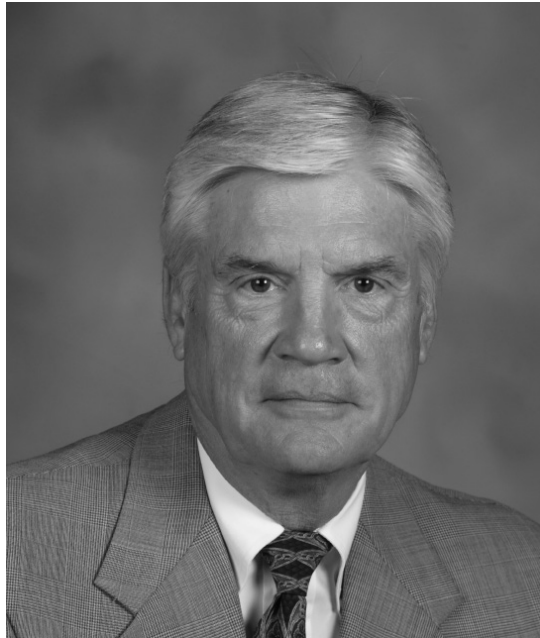
In 1964, Mr. Davenport received a bachelor's degree in business administration from Virginia Tech and upon graduation joined the U.S. Coast Guard Reserves. Following his active duty commitment, he returned to a family business, which was then known as Chatham Oil Company.

He has a long history of engagement in the university community including membership on the Virginia Tech Board of Visitors for two terms, including two years as rector; on the Virginia Tech Foundation board; and on the Virginia Tech Carilion School of Medicine board of directors.

Mr. Davenport is very active in his community with service to the Virginia Early Childhood Foundation, the Hargrave Military Academy board of trustees, the Future of the Piedmont board of directors, the Danville Regional Foundation, the Virginia Chamber of Commerce, and the boards of American National Bank and Trust Company and Boxley, Inc.

Mr. Davenport and his wife, Betty, are members of Chatham Baptist Church and have served as deacons of the fellowship. They are also members of the Virginia Tech Ut Prosim Society President's Circle.

ALUMNI DISTINGUISHED SERVICE AWARD RECIPIENT



David E. Lowe

David E. Lowe is a recipient of the 2013 Alumni Distinguished Service Award in recognition of his outstanding service to the university and the Alumni Association.

A resident of Blacksburg, he earned his bachelor's degree in business administration from Virginia Tech in 1963. While a student, he served as president of his class and as regimental commander for the Corps of Cadets. Following graduation, Mr. Lowe served five years in the U.S. Air Force. He spent 35 years in the telecommunications industry, holding numerous executive positions, including President and CEO of Bell-Atlantic (Verizon) in West Virginia, Assistant Vice-President for Public Relations and Advertising in Washington, D.C., and Vice President of Operations in Virginia. While in West Virginia, he developed and led a program of corporate support to public education that resulted in the company receiving one of four national President's Volunteer Action Awards.

During his career, Mr. Lowe has been involved in numerous community and economic development activities. He was a director of One Valley Bank, NA (now BB&T), served on the Agriculture and Small Business Advisory Committee to the Richmond Federal Reserve Bank, and was a trustee of the National Foundation for Independent Colleges.

Maintaining a strong commitment to Virginia Tech, Mr. Lowe is an honorary lifetime board member and past president of the Virginia Tech Alumni Association. He served on the Pamplin College of Business Advisory Council and on the board of the Virginia Tech Foundation. He also serves on the board of the Virginia Tech Corps of Cadets Alumni, Inc. and the German Club Alumni Foundation. He and his wife, Sharon, are members of the Ut Prosim Society. He was selected as the Class of 2013 ring namesake in recognition of his many years of service to Virginia Tech.

Mr. Lowe currently serves as chairman of the Pete Dye River Course operating board, an involvement that began in 2002 when the course was acquired by the Virginia Tech Foundation. Since that time, he has coordinated a number of improvements, including reconstruction of the golf course by Pete Dye, and the recently completed new clubhouse.

NATIONAL CAPITAL REGION COMMENCEMENT

1:30 P.M., Sunday, May 19, 2013
Center for the Arts, George Mason University

(The audience is requested to remain seated as the academic procession enters.)

Prelude:	Quintessential Brass Repertoire Charles T. Peterson, <i>Director</i>
Academic Processional:	Kathleen L. Hancock, <i>Commencement Marshal</i>
The National Anthem	Jillian A. Drank <i>M.S. in Human Development</i>
Posting of Colors	Corps of Cadets Color Guard
Greetings	Charles W. Steger <i>University President</i>
Introduction of Graduate Student Speaker	Marcie Boucouvalas <i>Professor of Human Development and Director of Adult Learning and Human Resource Development</i>
Graduate Student Remarks	Melissa Maybury Lubin <i>Ph.D. in Human Development</i>
Introduction of Keynote Speaker	Mark G. McNamee <i>Senior Vice President and Provost</i>
Graduation Address	Austin K. Yamada <i>Vice President for Intelligence Research, Virginia Tech Applied Research Corporation</i>
Introduction of Alumni Speaker	John R. Hutcheson III <i>Director of National Capital Region Alumni Programs, Class of 1971</i>
Greetings from the Alumni Association	A. Jerome Fowlkes <i>Virginia Tech Alumni Association Board of Directors, Class of 1988</i>
Images and Reflections	Karen P. DePauw <i>Vice President and Dean for Graduate Education</i>
Presentation of Doctoral Candidates	Karen P. DePauw
Conferral of Doctoral Degrees	Charles W. Steger
Hooding of Doctoral Candidates	Candidates hooded by the Major Professors
Presentation of Master's, Education Specialist, and Certificate Candidates	Karen P. DePauw
Conferral of Master's and Education Specialist Degrees and Certificates	Charles W. Steger
Reading of Names	Adil N. Godrej <i>Associate Director, Occoquan Watershed Monitoring Lab</i>
Message on Behalf of the Faculty	Kathleen L. Hancock <i>President, National Capital Region Faculty Association</i>
Recessional: (please stand)	Quintessential Brass Repertoire

NATIONAL CAPITAL REGION COMMENCEMENT SPEAKER



Austin K. Yamada

Austin K. Yamada is Vice President for Intelligence Research at the Virginia Tech Applied Research Corporation where he is responsible for extending the university's fundamental research enterprise to applied, translational, and commercialization projects in intelligence and national security.

Before joining the Applied Research Corporation in 2011, he served as Senior Vice President for Strategy and Business Development at QinetiQ North America Mission Solutions Group. He also served as Vice President for National Security Strategy at ManTech International Corporation and as Executive Director of Business Development at Lockheed Martin Corporation.

For twenty-five years of his career, he was a member of the Civil Service in the Department of Defense, retiring in 2003 as a member of the Senior Executive Service in the Office of the Secretary of Defense. During his government career, he also served as Deputy Assistant Secretary of Defense for Special Operations and Combating Terrorism, responsible for oversight of the Special Operations Command and the counterterrorism operations of the Department of Defense. Mr. Yamada received numerous awards for his government performance, including the Presidential Rank of Meritorious Executive in the Senior Executive Service.

He began his government career at the Defense Mapping Agency in 1978 and joined the Office of the Secretary of Defense in 1988. He became a member of the Senior Executive Service in 1992. In the Office of the Secretary of Defense, he served as Senior Advisor for Imagery Intelligence in the Office of the Assistant Secretary of Defense for Command, Control, Communications and Intelligence, and Director of the Special Advisory Staff in the Office of the Under Secretary of Defense for Policy. He also served on the Special Access Program Oversight Committee (SAPOC) and as liaison to the Defense Science Board.

Mr. Yamada received a B.S. degree in Earth Science from Montana State University in 1975 and a Master of Engineering Degree in Remote Sensing and Analytical Photogrammetry from Virginia Tech in 1981. He also is a graduate of the Federal Executive Institute, the Department of State Senior Seminar, and was an Intelligence Community Fellow at the Wye Institute and a Senior Executive Fellow at the John F. Kennedy School of Government at Harvard University. He was also a contributing author to *Vaults, Mirrors and Masks: Reinventing Counterintelligence*, published in 2009.

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GRADUATE DEGREES

THE GRADUATE SCHOOL

Dean Karen DePauw

DOCTOR OF PHILOSOPHY

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

AGRICULTURAL AND EXTENSION EDUCATION

Matthew Carl Benson	Rochester, NY
Dissertation: A Mixed Methods Analysis of Cooperative Extension's Role in the Farm to School Movement	
Committee Chair: Prof. K. L. Niewolny	
Keyana Chamere Ellis	Dinwiddie, VA
Dissertation: First Things First: Assessing the Influence of Student Engagement on Student Academic Motivation in an Undergraduate First-Year Experience Program	
Committee Chair: Prof. E. K. Kaufman	

ANIMAL AND POULTRY SCIENCES

Chasity Marie Cox	Fredericksburg, VA
Dissertation: In Ovo Supplementation of Primalac and the Effects on Performance and Immune Response of Broilers	
Committee Chair: Prof. R. A. Dalloul	
Ying Jiang	Shanghai, China
Dissertation: Fasting Alters Histone Methylation in Paraventricular Nucleus through Regulating of Polycomb Repressive Complex 2	
Committee Chair: Prof. D. M. Denbow	

ANIMAL SCIENCE, DAIRY

Sebastian Ignacio Arriola Apelo	Montevideo, Uruguay
Dissertation: Essential Amino Acid Regulation of Cell Signaling and Casein Synthesis in Mammary Tissue	
Committee Chair: Prof. M. D. Hanigan	

BIOCHEMISTRY

Frank Criscione, Jr.	Monmouth Beach, NJ
Dissertation: A Mosquito-specific bZIP Transcription Factor and the Influence of a Y-specific Gene on Sex Determination in <i>Anopheles stephensi</i>	
Committee Chair: Prof. Z. Tu	
Xinyi Huang	Guiyang, China
Dissertation: Enzymatic Characterization of N-Acetyl-1-D-myo-inosityl-2-amino-2-deoxy-D-glucopyranoside Deacetylase (MshB)	
Committee Chair: Prof. M. Hernick	
Pingyang Liu	Xiangtan, China
Dissertation: Biochemical Studies of Enzymes in Insect Cuticle Hardening	
Committee Chair: Prof. J. Li	

CROP AND SOIL ENVIRONMENTAL SCIENCES

Catherine Stephanie Fleming	Wilmington, DE
Dissertation: Nutrient Management in the Mid-Atlantic	
Committee Chair: Prof. M. S. Reiter	

ECONOMICS

Ranju Baral	Kathmandu, Nepal
Dissertation: Evaluating Cost Effectiveness of the USDA's Expanded Food and Nutrition Education Program	
Committee Chair: Prof. G. C. Davis	

ENTOMOLOGY

Timothy Augustus Jordan	Staunton, VA
Dissertation: Pest Management Studies of Grape Berry Moth in Virginia Vineyards	
Committee Chair: Prof. D. G. Pfeiffer	
Maryam Kamali	Blacksburg, VA
Dissertation: Application of Chromosome Mapping to Understanding Evolutionary History of <i>Anopheles</i> Species	
Committee Chair: Prof. I. V. Sharakhov	
Ligia Maria Marques Cota Vieira	Rio de Mouro, Portugal
Dissertation: Pre-release Evaluation of <i>Laricobius osakensis</i> Montgomery and Shiyake (Coleoptera: Derodontidae), a Potential Biological Control Agent for the Hemlock Woolly Adelgid, <i>Adelges tsugae</i> Annand (Hemiptera: Adelgidae), in the Eastern United States	
Committee Chair: Prof. S. M. Salom and Prof. L. T. Kok	
Adam Francis Wimer	Stafford, VA
Dissertation: Improving the Management of Colorado Potato Beetle, <i>Leptinotarsa decemlineata</i> (Say), Using Novel Chemical Compounds and Resistance Evaluation	
Committee Chair: Prof. T. P. Kuhar	
Shaohui Wu	Tianmen, China
Dissertation: Efficacy of Entomopathogenic Nematodes and Entomopathogenic Fungi Against Masked Chafer White Grubs, <i>Cyclocephala</i> spp. (Coleoptera: Scarabaeidae)	
Committee Chair: Prof. L. T. Kok and Prof. R. R. Youngman	

FOOD SCIENCE AND TECHNOLOGY

Molly Kathleen Kelly	Montoursville, PA
Dissertation: Petit Manseng Aroma and Flavor Profiling	
Committee Chair: Prof. J. E. Marcy and Prof. B. W. Zoecklein	
Jessica Ellen Maitland	Alexandria, VA
Dissertation: Examining Cross Contamination Pathways for <i>Listeria monocytogenes</i> in a Retail Deli Environment Using an Abiotic Surrogate	
Committee Chair: Prof. R. R. Boyer	

HORTICULTURE

Rui XiaGuangzhou, China
Dissertation: MicroRNA and Trans-acting siRNA Pathways in Apple and Peach
Committee Chair: Prof. E. P. Beers

HUMAN NUTRITION, FOODS AND EXERCISE

Kacie Chanelle Allen Bakersfield, CA
Dissertation: Developing and Testing Smartphone Game Applications for Physical Activity Promotion in Adolescents
Committee Chair: Prof. P. A. Estabrooks

Angela Suzanne AndersonBlacksburg, VA
Dissertation: Characterization of Metabolic Differences in Benign, Slow Developing and Tumor Initiating Ovarian Cancers
Committee Chair: Prof. M. W. Hulver and Prof. E. M. Schmelz

Jessica Erin MabryKnoxville, TN
Dissertation: Associations Between Obstructive Sleep Apnea Risk and Physical Activity, Cardio-metabolic Disease Risk, and Exercise Capacity and Responses in Elderly Abdominal Aortic Aneurysm Disease Patients
Committee Chair: Prof. W. G. Herbert

Erin M. Smith Oxford, MS
Dissertation: Creating Healthy Schools: How the School Wellness Mandate Has Affected the School Nutrition and Physical Activity Policy Environments of Public Schools
Committee Chair: Prof. P. A. Estabrooks

Timothy Jason WernerCleveland, OH
Dissertation: Arterial Destiffening with Nebivolol and Lifestyle Modification in Middle-Aged and Older Hypertensives
Committee Chair: Prof. K. P. Davy

PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE

Megan Leanne LeBlanc Madera, CA
Dissertation: Characterization of Mobile mRNA into the Parasitic Weed *Cuscuta pentagona*
Committee Chair: Prof. J. H. Westwood

Binbin Lin Xiamen, China
Dissertation: The Movement and Population Structure of Fungi in the Genus *Fusarium*
Committee Chair: Prof. D. G. Schmale III and Prof. S. D. Ross

Aaron Justin Prussin IIBlacksburg, VA
Dissertation: Predicting the Transport and Deposition of *Fusarium graminearum*, the Causal Agent of *Fusarium* Head Blight in Wheat and Barley
Committee Chair: Prof. D. G. Schmale III and Prof. S. D. Ross

COLLEGE OF ARCHITECTURE AND URBAN STUDIES

ARCHITECTURE AND DESIGN RESEARCH

Shamsul Abu BakarBlacksburg, VA
Dissertation: Understanding Visitors' Historic Preferences and Its Implication for Civil War Battlefields Interpretation
Committee Chair: Prof. P. A. Miller

Zheng ChenZigong, China
Dissertation: The Role of Research in Landscape Architecture Practice
Committee Chair: Prof. T. L. Clements and Prof. P. A. Miller

Ana Maria Jaramillo Medellin, Colombia
Dissertation: The Link Between HVAC Type and Student Achievement
Committee Chair: Prof. P. A. Miller and Prof. M. G. Ermann

Hooman Koliji Tehran, Iran
Dissertation: In-Between: Architectural Drawing and Imaginative Knowledge
Committee Chair: Prof. P. F. Emmons

ENVIRONMENTAL DESIGN AND PLANNING

Kathleen M. Short Spotsylvania, VA
Dissertation: The Impact of Experiential Learning: Assessing the Outcomes of Internship Experiences for Students Entering the Construction Industry
Committee Chair: Prof. C. M. Fiori

PLANNING, GOVERNANCE, AND GLOBALIZATION

Wafa Mohsen Saleh Al-DailyBlacksburg, VA
Dissertation: An Exploration of State and Non-State Actor Engagement in Informal Settlement Governance in the Mahwa Aser Neighborhood and Sana'a City, Yemen
Committee Chair: Prof. K. R. Parrott and Prof. M. O. Stephenson, Jr.

Veronica Margoth ArroyaveBlacksburg, VA
Dissertation: Networks in the Global Health Domain and Disaster Response: A Case Study of The Partnership for Quality Medical Donation's Response to the 2010 Haitian Earthquake
Committee Chair: Prof. M. O. Stephenson, Jr.

Rachel Atkin ChristensenTallahassee, FL
Dissertation: Beyond Antagonistic Nonprofit Accountability: A Case Analysis of Practitioner Responses to the Contracting Regime
Committee Chair: Prof. M. O. Stephenson, Jr.

Mahin KhanDhaka, Bangladesh
Dissertation: Organizational Democracy and Women's Empowerment: An Examination of Four Advocacy Organizations in Bangladesh
Committee Chair: Prof. J. Rothschild

Monica Katherine LicherMontrose, MO
Dissertation: Long-term Cost and Management Obligations of Changing Urban Stormwater Programs
Committee Chair: Prof. J. J. Richardson, Jr.

Emily Anne Van HouwelingBend, OR
Dissertation: Gender, Water and Development: The Multiple Impacts and Perceptions of a Rural Water Project in Nampula, Mozambique
Committee Chair: Prof. R. P. Hall

PUBLIC ADMINISTRATION/PUBLIC AFFAIRS

Jaekwon KoBlacksburg, VA
Dissertation: Values Public Managers Hold, Organizational Environments, and Public Service Characteristics in Explaining the Choice of Public Service Delivery Modes: Focused on County and City Governments in Virginia
Committee Chair: Prof. B. J. Cook

Nicole Marie Rishel Girard, OH
Dissertation: Promoting Diversity and Inclusion in the U.S. Federal Workforce: Representative Bureaucracy and the Challenge of Multiculturalism
Committee Chair: Prof. K. M. Hult

PAMPLIN COLLEGE OF BUSINESS

BUSINESS, ACCOUNTING AND INFORMATION SYSTEMS

Michael Edward Ozlanski Mount Carmel, PA
Dissertation: Effects of Principles vs. Rules Based Accounting Standards and Increased Audit Reporting on Investors' Perceptions of Management's Reporting Credibility
Committee Chair: Prof. L. N. Killough

Jonathan Stanley PyzohaCenterville, OH
Dissertation: The Effects of Executive Compensation and Auditor Industry Specialization on Financial Reporting Executives' Decision-making During a Potential Restatement That Will Lead to a 'Clawback'
Committee Chair: Prof. J. G. Jenkins

BUSINESS, MARKETING

Derick Francis Davis Cambridge, ME
Dissertation: Priming Consequences of Homophone Confusion
Committee Chair: Prof. P. M. Herr

Yong Wan Park Seoul, South Korea
Dissertation: Three Essays of Consumer Inference Making and Metacognitive Experience in Perceived Information Security
Committee Chair: Prof. P. M. Herr

HOSPITALITY AND TOURISM MANAGEMENT

Melissa Anne Baker Marshfield, MA
Dissertation: Just So? Employee Justice Perceptions of Legitimate and Opportunistic Complaints
Committee Chair: Prof. S. K. Murrmann and Prof. V. P. Magnini

Ruixue Du Jilin, China

Dissertation: Intangible Assets Valuation in the Hospitality Industry
Committee Chair: Prof. R. Kumar and Prof. V. P. Magnini

Sang Tak Lee Seoul, South Korea
Dissertation: Understanding Customers' Healthy Eating Behavior in Restaurants Using the Health Belief Model and Theory of Planned Behavior
Committee Chair: Prof. K. W. McCleary

Yu Mi LimSeogwipo-shi, South Korea
Dissertation: Consumer Evaluation of a Vertical Brand Extension in the Lodging Industry: Relationships Among Brand Trust, Brand Loyalty, Brand Distance, and Brand Extension
Committee Chair: Prof. P. A. Weaver

Enju Woo Ulsan, South Korea
Dissertation: The Impacts of Tourism Development on Stakeholders' Quality of Life (QOL): A Comparison Between Community Residents and Employed Residents in the Hospitality and Tourism Industry
Committee Chair: Prof. M. Uysal

COLLEGE OF ENGINEERING

AEROSPACE ENGINEERING

Darcy Lane Allison Gilbert, AZ
Dissertation: Multidisciplinary Analysis and Design Optimization of an Efficient Supersonic Air Vehicle
Committee Chair: Prof. J. A. Schetz and Prof. R. K. Kapania

Satyajit Sudhir GhomanPune, India
Dissertation: A Hybrid Optimization Framework with POD-based Order Reduction and Design-Space Evolution Scheme
Committee Chair: Prof. R. K. Kapania

Hitesh KapoorMandi(H.P.), India
Dissertation: Isogeometric Finite Element Code Development for Analysis of Composite Structures
Committee Chair: Prof. R. K. Kapania

Shaobin Liu Yi Chun, China
Dissertation: Continuum Sensitivity Method for Nonlinear Dynamic Aeroelasticity
Committee Chair: Prof. R. A. Canfield

Jeffrey Alan Ouellette Jay, ME
Dissertation: Modeling and Scaling of a Flexible Subscale Aircraft for Flight Control Development and Testing in the Presence of Aeroservoelastic Interactions
Committee Chair: Prof. M. J. Patil

BIOLOGICAL SYSTEMS ENGINEERING

Isaac A. Alukwe Nairobi, Kenya
Dissertation: Modeling the Spatial Effects of Watershed Land Use and BMP Data on HSPF Water Quality Predictions
Committee Chair: Prof. T. A. Dillaha III

Suwan MyungBlacksburg, VA
Dissertation: Cell-free Biosystems Comprised of Synthetic Enzymatic Pathways: Development of Building Blocks, Immobilization of Enzymes, Stabilization of Cascade Enzymes, and Generation of Hydrogen
Committee Chair: Prof. Y. P. Zhang

Michael Quinn NassryPerryopolis, PA
Dissertation: In-Stream Reactivity of Dissolved Organic Matter and Nutrients in Proglacial Watersheds
Committee Chair: Prof. D. T. Scott IV

Namanda Sara Senyondo Kampala, Uganda
Dissertation: Mitigation of Ammonia Emissions from Broiler Houses Using a Biodegradable Litter Amendment
Committee Chair: Prof. J. A. Ogejo

Christan Yvonne WhysonBroad Run, VA
Dissertation: Chemosensory Evaluation of Training and Oxidative Stress in Long Distance Runners
Committee Chair: Prof. P. K. Mallikarjunan

Zhiguang ZhuNanjing, China
Dissertation: Enzymatic Fuel Cells via Synthetic Pathway Biotransformation
Committee Chair: Prof. Y. P. Zhang

BIOMEDICAL ENGINEERING

Christopher Brian ArenaDenver, NC

Dissertation: Advancements in Irreversible Electroporation for the Treatment of Cancer
Committee Chair: Prof. R. V. Davalos

Cara F. Buchanan New Bern, NC
Dissertation: Shear Stress-Mediated Tumor-Endothelial Cross Talk Regulates the Angiogenic Potential of Breast Tumors in Vitro
Committee Chair: Prof. J. W. Freeman and Prof. M. N. Rylander

Allison Louise Daniello Manalapan, NJ
Dissertation: Injury Risk and Mechanisms in Roadside Motorcycle Collisions
Committee Chair: Prof. H. C. Gabler III

Abhijit Achyut Gurjarpadhye Mumbai, India
Dissertation: Dynamic Non-destructive Monitoring of Bioengineered Blood Vessel Development within a Bioreactor Using Multi-Modality Imaging
Committee Chair: Prof. C. G. Rylander

Courtney Ann Haynes Freeport, PA
Dissertation: Effects of Running Speed, Fatigue and Bracing on Motor Control of Chronically Unstable Ankles
Committee Chair: Prof. M. A. Nussbaum

Albert Lawrence Kwansa Riverdale, MD
Dissertation: Molecular Dynamics and Mechanical Behavior of Collagen Type I and Its Lysine/Hydroxylysine-derived Crosslinks
Committee Chair: Prof. J. W. Freeman and Prof. R. De Vita

CHEMICAL ENGINEERING

Syed Makhmoor MazahirBantnadar, India
Dissertation: Improvement in Orientation Predictions in Injection Molded Geometries for High-Aspect Ratio Particles
Committee Chair: Prof. D. G. Baird and Prof. P. Wapperom

Satyavrata Samavedi Madras, India
Dissertation: Complementary Strategies to Promote the Regeneration of Bone-ligament Transitions Using Graded Electrospun Scaffolds
Committee Chair: Prof. A. S. Goldstein and Prof. A. R. Whittington

CIVIL ENGINEERING

Sherif Lotfy Abdel Motaleb AbdelazizCairo, Egypt
Dissertation: Behavior of Energy Piles: Deep Foundations Used as Heat Exchangers
Committee Chair: Prof. J. R. Martin II and Prof. C. G. Olgun

Thiti Angkasuwansiri Bangkok, Thailand
Dissertation: Development of a Wastewater Pipe Performance Index and Performance Prediction Model
Committee Chair: Prof. S. K. Sinha

Ozgur AtlayanBursa, Turkey
Dissertation: Hybrid Steel Frames
Committee Chair: Prof. F. A. Charney

Abeera Batool Lahore, Pakistan
Dissertation: Advanced Underseepage Analyses for Levees
Committee Chair: Prof. T. L. Brandon

Mohammad Saied Dehghani Sanji Tehran, Iran
Dissertation: Risk and Vulnerability of Roadway Infrastructure
Committee Chair: Prof. G. W. Flintsch and Prof. S. McNeil

Leon F. Gay Alanis Leon, Mexico
Dissertation: Development of a Resilience Assessment Methodology for Networked Infrastructure Using Stochastic Simulation, with Application to Water Distribution Systems
Committee Chair: Prof. S. K. Sinha

Marcus J. MaguireLincoln, NE
Dissertation: Load Testing and Analysis Recommendations of Segmental Concrete Box Girder Bridges
Committee Chair: Prof. C. L. Roberts-Wollmann

John E. Petrie Richmond, VA
Dissertation: Field and Numerical Investigation of the Effects of Flow Regulation on Riverbank Erosion
Committee Chair: Prof. P. Diplas and Prof. M. S. Gutierrez

Alison Marie St. ClairIndian Lake, PA
Dissertation: Development of a Novel Performance Index and a Performance Prediction Model for Metallic Drinking Water Pipelines
Committee Chair: Prof. S. K. Sinha

Jia TangMianyang, China
Dissertation: Studying on the Effectiveness of the Listeria monocytogenes Control Interventions and the Sampling Program in RTE Plants
Committee Chair: Prof. D. L. Gallagher

Hong Wang Fujian, China
 Dissertation: Critical Factors Controlling Regrowth of Opportunistic Pathogens in Premise Plumbing
 Committee Chair: Prof. A. J. Pruden-Bagchi

Michael Allen Woodworth Rocky River, OH
 Dissertation: Fire Hazard Assessment of Highway Bridges via Coupled Thermal-Mechanical Modeling
 Committee Chair: Prof. E. D. Sotelino and Prof. W. J. Wright

Wenjing Xue Qitaihe, China
 Dissertation: Integrated Monitoring System for Both Pavement and Traffic
 Committee Chair: Prof. L. Wang

COMPUTER ENGINEERING

Mohamed Mahmoud Mahmoud Azab Alexandria, Egypt
 Dissertation: Cooperative Autonomous Resilient Defense Platform for Cyber-Physical Systems
 Committee Chair: Prof. Y. T. Hou

Amr E. Hilal Alexandria, Egypt
 Dissertation: Incentivizing Cooperation in Mobile Ad Hoc Networks
 Committee Chair: Prof. A. B. MacKenzie

Yousef Shafik Iskander Oak Ridge, TN
 Dissertation: Improved Abstractions and Turnaround Time for FGPA Design Validation and Debug
 Committee Chair: Prof. C. Patterson

Ting Wang Yangquan, China
 Dissertation: Wireless Network Physical Layer Security with Smart Antenna
 Committee Chair: Prof. Y. Yang

COMPUTER SCIENCE AND APPLICATIONS

Hussain Almohri Kuwait City, Kuwait
 Dissertation: High Assurance Models for Secure Systems
 Committee Chair: Prof. D. Yao

Jeremy Totton Barksdale Sedalia, NC
 Dissertation: Social Integration in Agile User Experience: Building Social Capital in Agile UX Software Teams
 Committee Chair: Prof. D. S. McCrickard

Yasmine Nader Mohamed Elglaly Cairo, Egypt
 Dissertation: Spatial Reading System for Individuals with Blindness
 Committee Chair: Prof. F. Quek

Marwa Khamis Elteir Alexandria, Egypt
 Dissertation: A MapReduce Framework for Heterogeneous Computing Architectures
 Committee Chair: Prof. W. Feng and Prof. H. Lin

Ji Sun Kim Seoul, South Korea
 Dissertation: Action-Inspired Approach to Design of Navigation Techniques for Effective Spatial Learning in 3-D Virtual Environments
 Committee Chair: Prof. D. Gracanin and Prof. F. Quek

Christopher James Kuhlman Quincy, IL
 Dissertation: High Performance Computational Social Science Modeling of Networked Populations
 Committee Chair: Prof. M. V. Marathe

Xiaomo Liu Suzhou, China
 Dissertation: Online Knowledge Community Mining and Modeling for Effective Knowledge Management
 Committee Chair: Prof. W. Fan

Chreston Allen Miller Fredericksburg, VA
 Dissertation: Structural Model Discovery in Temporal Event Data Streams
 Committee Chair: Prof. F. Quek

Seung In Park Seoul, South Korea
 Dissertation: Modeling Social Group Interactions for Realistic Crowd Behaviors
 Committee Chair: Prof. F. Quek

Sung Hee Park Daejeon, South Korea
 Dissertation: Discipline-Independent and Style-Free Canonical Representation Extraction for Heterogeneously Styled References Using Knowledge from the Web
 Committee Chair: Prof. E. A. Fox

Chao Peng Beijing, China
 Dissertation: Real-time Visualization of Massive 3D Models on GPU Parallel Architectures
 Committee Chair: Prof. Y. Cao

Hari Krishna Pyla Vizag, India
 Dissertation: Safe Concurrent Programming and Execution
 Committee Chair: Prof. C. J. Ribbens and Prof. S. Varadarajan

Eric Dennis Ragan Indiana, PA
 Dissertation: Supporting Learning through Spatial Information Presentations in Virtual Environments
 Committee Chair: Prof. D. A. Bowman

Hermanpreet Singh Fairfax Station, VA
 Dissertation: Scalability in Distributed Virtual Environments
 Committee Chair: Prof. D. Gracanin

Myoungkyu Song Blacksburg, VA
 Dissertation: Supporting Evolution and Reuse in Metadata Driven Software Development
 Committee Chair: Prof. E. Tilevich

Shuaiwen Song Dalian, China
 Dissertation: Power, Performance and Energy Models and Systems for Emergent Architectures
 Committee Chair: Prof. K. W. Cameron

Venkataram Srinivasan New Delhi, India
 Dissertation: Hierarchical Categorization of Long Documents
 Committee Chair: Prof. E. A. Fox

ELECTRICAL ENGINEERING

Maitrayee Ranade Bordikar Somerset, NJ
 Dissertation: Analysis of Plasma Wave Irregularities Generated During Active Experiments in Near-Earth Space Environment
 Committee Chair: Prof. W. A. Scales

Dinesh Datla Madras, India
 Dissertation: Wireless Distributed Computing in Mobile Ad-Hoc Cloud Computing Networks
 Committee Chair: Prof. J. H. Reed and Prof. T. Bose

Sebastien De Larquier Jonzac, France
 Dissertation: The Mid-Latitude Ionosphere Under Quiet Geomagnetic Conditions: An Analysis of Large-scale Recurring Features with the Super Dual Auroral Radar Network (SuperDARN)
 Committee Chair: Prof. J. M. Ruohoniemi and Prof. J. B. Baker

Weiji Feng Ningbo, China
 Dissertation: State-Trajectory Analysis and Control of LLC Resonant Converters
 Committee Chair: Prof. F. C. Lee

Kevin David Jones Boomer, WV
 Dissertation: Synchrophasor-Only Dynamic State Estimation & Data Conditioning
 Committee Chair: Prof. J. S. Thorp

Meiyan Li Blacksburg, VA
 Dissertation: Transient Stability Prediction based on Synchronized Phasor Measurements and Controlled Islanding
 Committee Chair: Prof. A. G. Phadke

Tong Liu Liaoyang, China
 Dissertation: Nonvolatile and Volatile Resistive Switching Characterization, Modeling, Memristive Subcircuits
 Committee Chair: Prof. M. K. Orlovski

Minghai Mu Baoji, China
 Dissertation: High Frequency Magnetic Core Loss Study
 Committee Chair: Prof. F. C. Lee

Ryan David Quint Battle Ground, WA
 Dissertation: Response-Based Synchrophasor Controls for Power Systems
 Committee Chair: Prof. V. A. Centeno and Prof. J. S. Thorp

Parrish Elaine Ralston Newport News, VA
 Dissertation: Design and Characterization of Liquid Metal Flip Chip Interconnections for Heterogeneous Microwave Assemblies
 Committee Chair: Prof. S. Raman

Wael Y. Refai Blacksburg, VA
 Dissertation: Linear RF Power Amplifier with Enhanced Efficiency for Wireless Handsets
 Committee Chair: Prof. W. A. Davis

Kriti Sen Sharma Kolkata, India
 Dissertation: Compressed Sensing Based Micro-CT Methods and Applications
 Committee Chair: Prof. G. Wang

Zhiyu Shen Daqing, China
 Dissertation: Online Measurement of Three-Phase AC Power System Impedance in Synchronous Coordinates
 Committee Chair: Prof. D. Boroyevich

- Rui Sun Nanjing, Jiangsu, China
 Dissertation: Wide Area System Islanding Detection, Classification,
 and State Evaluation Algorithm
 Committee Chair: Prof. V. A. Centeno
- Benjamin Alexander Westin Chapin, SC
 Dissertation: Applications in Remote Sensing Using the Method of
 Ordered Multiple Interactions
 Committee Chair: Prof. G. S. Brown
- Yingyi Yan Guangzhou, China
 Dissertation: Equivalent Circuit Model for Current Mode Controls and
 Its Extensions
 Committee Chair: Prof. F. C. Lee
- John Benson York, Jr Hoover, AL
 Dissertation: An Isolated Micro-Converter for Next-Generation
 Photovoltaic Infrastructure
 Committee Chair: Prof. J. S. Lai
- Alexander Rian Young Blacksburg, VA
 Dissertation: Unified Multi-Domain Decision Making: Cognitive
 Radio and Autonomous Vehicle Convergence
 Committee Chair: Prof. C. W. Bostian

ENGINEERING EDUCATION

- Cheryl Ann Carrico Abingdon, VA
 Dissertation: Voices in the Mountains: A Qualitative Study Exploring
 Factors Influencing Appalachian High School Students' Engineering
 Career Goals
 Committee Chair: Prof. H. Matusovich
- Stephanie Leigh Cutler Chester, VA
 Dissertation: How Static is the Statics Classroom? An Investigation
 Into How Innovations, Specifically Research-Based Instructional
 Strategies (RBIS), Are Adopted into the Statics Classroom
 Committee Chair: Prof. M. J. Borrego
- Rachel Louis Kajfez Mentor, OH
 Dissertation: The Motivation and Identity Development of Graduate
 Teaching Assistants in First-Year Engineering Programs
 Committee Chair: Prof. H. Matusovich
- Mahnas Jean Mohammadi-Aragh Starkville, MS
 Dissertation: Characterizing Student Attention in Technology-Infused
 Classrooms Using Real-time Active Window Data
 Committee Chair: Prof. C. B. Williams
- Lauren Desiree Thomas Paterson, NJ
 Dissertation: Preparing and Progressing: A Narrative Study of Optics
 and Photonics Graduate Students' Identity-trajectory
 Committee Chair: Prof. E. D. McNair
- Christopher Harry Venters IV New Bern, NC
 Dissertation: Using Writing to Improve Conceptual Knowledge in
 Engineering Statics
 Committee Chair: Prof. E. D. McNair

ENGINEERING MECHANICS

- Alireza Chadegani Blacksburg, VA
 Dissertation: Hypervelocity Impact on Thermoelastoviscoplastic Solids
 Committee Chair: Prof. R. C. Batra
- Frances Maria Davis New Kent, VA
 Dissertation: Nonlinear Viscoelastic Behavior of Ligaments and
 Tendons: Models and Experiments
 Committee Chair: Prof. R. De Vita
- Jessica Anne Dibelka Bel Air, MD
 Dissertation: Mechanics of Hybrid Metal Matrix Composites
 Committee Chair: Prof. S. W. Case
- Timothy Benjamin Hartman Fort Wayne, IN
 Dissertation: Geometrically Nonlinear Stress Recovery in Composite
 Laminates
 Committee Chair: Prof. S. W. Case and Prof. M. W. Hyer
- Alireza Salmanzadehdozdabi Tehran, Iran
 Dissertation: Differentiation and Separation of Rare Cells Based on
 Their Bioelectrical Signature Using a Microfluidic Platform
 Committee Chair: Prof. M. A. Stremier
- Jian Xiao Yueyang, China
 Dissertation: Local Water Slamming of Nonlinear Elastic Sandwich Hulls,
 and Adiabatic Shear Banding in Simple Shearing Deformations of
 Thermoelastoviscoplastic Bodies
 Committee Chair: Prof. R.C. Batra

INDUSTRIAL AND SYSTEMS ENGINEERING

- Bochen Jia Beijing, China
 Dissertation: Influence of Prolonged Sitting and Task Demands on
 Lumbar Spine Loads and Muscle Fatigue
 Committee Chair: Prof. M. A. Nussbaum
- Kahyun Kim Pusan, South Korea
 Dissertation: Developing Guidelines for Collaborative Spaces
 Supporting Interdisciplinary Engineering Design Teams
 Committee Chair: Prof. B. M. Kleiner and Prof. E. D. McNair
- Khoirul Muslim Sleman, Indonesia
 Dissertation: Posterior Load Carriage: Ergonomic Assessment and
 Guideline Development
 Committee Chair: Prof. M. A. Nussbaum
- Lance Walter Saunders Knoxville, TN
 Dissertation: Measuring Safety Attitude Differences in the
 Construction Supply Chain
 Committee Chair: Prof. B. M. Kleiner
- Anna Kristine Schuh St. Paul Park, MN
 Dissertation: Occupational Safety Surveillance Using a Statistical
 Monitoring Approach
 Committee Chair: Prof. J. A. Camelio
- Nima Toosizadeh Blacksburg, VA
 Dissertation: Time-dependent Assessment of the Human Lumbar Spine
 in Response to Flexion Exposures: In Vivo Measurement and Modeling
 Committee Chair: Prof. M. A. Nussbaum
- Hong Bo Zhang Fushun, China
 Dissertation: Developing and Evaluating New Methods for Assessing
 Postural Control and Dynamics
 Committee Chair: Prof. M. A. Nussbaum and M. J. Agnew

MATERIALS SCIENCE AND ENGINEERING

- Ronnie Paul Varghese Blacksburg, VA
 Dissertation: 3-D MEMS for Energy Harvesting and Sensing
 Committee Chair: Prof. S. Priya
- Chun-Hsien Wu Hsinchu, Taiwan
 Dissertation: Formation of Twinning in Nanowires Oriented in
 Crystallographic Direction: Energetic Consideration and Structural
 Characterization
 Committee Chair: Prof. M. Murayama
- Yuchang Wu Dezhou, China
 Dissertation: Theory of Modulation Response of Semiconductor Quantum
 Dot Lasers
 Committee Chair: Prof. L. V. Asryan
- Chenlin Zhao Chicago, IL
 Dissertation: Comprehensive Study of the Magnetic Properties of Au
 Nanostructures Grown by Laser Ablation
 Committee Chair: Prof. J. T. Abiade

MECHANICAL ENGINEERING

- Husain Abdulrahman Ahmad Medinah, Saudi Arabia
 Dissertation: Dynamic Braking Control for Accurate Train Braking
 Distance Estimation Under Different Operating Conditions
 Committee Chair: Prof. M. Ahmadian
- Abdusalam Al-Khwaji Zliten, Libya
 Dissertation: Computational and Experimental Bioheat Transfer Pro-
 cess of Perfusion in Tissue
 Committee Chair: Prof. T. E. Diller
- Amit Ravindra Amritkar Ahmedabad, India
 Dissertation: Study of Particle Scale Heat Transfer in Dense Fluidized
 Beds
 Committee Chair: Prof. D. K. Tafti
- Naresh Kumar Coimbatore Selvarasu Coimbatore, India
 Dissertation: Investigation of the Hemodynamics of Coronary Arteries -
 Effect of Stenting
 Committee Chair: Prof. D. K. Tafti
- Joseph Michael Corcoran Leesburg, VA
 Dissertation: An Energy Diffusion Model for Interior Acoustics with
 Structural Coupling Using the Boundary Element Method
 Committee Chair: Prof. R. A. Burdisso

- Caleb Joshua DeValve Manchester, CT
Dissertation: Fabrication and Property Enhancement of Fiber-reinforced Composites with Matrix Embedded Carbon Nanotubes
Committee Chair: Prof. R. Pitchumani
- Jordan T. Farina Killen, AL
Dissertation: Application of Multi-Port Mixing for Passive Suppression of Thermo-Acoustic Instabilities in Premixed Combustors
Committee Chair: Prof. U. Vandsburger
- Anthony Christopher Marin Midlothian, VA
Dissertation: Mechanical Energy Harvesting for Powering Distributed Sensors and Recharging Storage Systems
Committee Chair: Prof. S. Priya
- Clement Michel Jean Nagode Mer, France
Dissertation: Electromechanical Suspension-based Energy Harvesting Systems for Railroad Applications
Committee Chair: Prof. M. Ahmadian
- Alexis A. Villanueva Saint-Jacques, Canada
Dissertation: Design and Analysis of Biomimetic Medusa Robots
Committee Chair: Prof. S. Priya
- Kamal Viswanath Kerala, India
Dissertation: Unsteady Aerodynamics of Rigid and Flexible Flapping Wings: Analyzing Bat Flight
Committee Chair: Prof. D. K. Tafti
- Jon R. Whitney Georgetown, KY
Dissertation: Single Walled Carbon Nanohorns as Photothermal Absorbers, and Incorporation of Spatial Digital Image Analysis into Cancer Diagnostics and Therapy
Committee Chair: Prof. M. N. Rylander

MINING ENGINEERING

- Christopher Aaron Noble Lenoir City, TN
Dissertation: Analytical and Numerical Techniques for the Optimal Design of Mineral Separation Circuits
Committee Chair: Prof. G. H. Luttrell
- Lei Pan Ningbo, China
Dissertation: Surface Forces in the Wetting Films Formed on Gold Surfaces
Committee Chair: Prof. R. H. Yoon
- Guang Xu Baoding Anguo, China
Dissertation: Development of a Remote Analysis Method for Underground Ventilation Systems Using Tracer Gas and CFD
Committee Chair: Prof. K. D. Luxbacher

INTERDISCIPLINARY DEGREES

GENETICS, BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

- Laura Adam Ayguesvives, France
Dissertation: Mapping Genotype to Phenotype Using Attribute Grammar
Committee Chair: Prof. J. Peccoud
- Timothy Driscoll Arvada, CO
Dissertation: Host-Microbe Relations: A Phylogenomics-Driven Bioinformatic Approach to the Characterization of Microbial DNA from Heterogeneous Sequence Data
Committee Chair: Prof. B. W. Sobral
- Matthew William Lux Raleigh, NC
Dissertation: Estimation of Gene Network Parameters from Imaging Cytometry Data
Committee Chair: Prof. J. Peccoud

MACROMOLECULAR SCIENCE AND ENGINEERING

- Robert A. Haupt Winthrop Harbor, IL
Dissertation: Structural Determination of Copolymers From the Cross-catalyzed Reactions of Phenol-formaldehyde and Polymeric Methylene-diphenyl Diisocyanate
Committee Chair: Prof. S. H. Rennecker
- Siddhesh Nitin Pawar Thane, India
Dissertation: Chemical Modification of the Polysaccharide Alginate in

- Organic Media
Committee Chair: Prof. K. J. Edgar

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

APPAREL, HOUSING, AND RESOURCE MANAGEMENT

- Luz Mairena Semeah San Pedro de Macors, Dominican Republic
Dissertation: Rental Housing Search and Occupancy Experiences of Veterans with Disabilities
Committee Chair: Prof. J. O. Beamish

CAREER AND TECHNICAL EDUCATION

- Evans Lampi Lusaka, Zambia
Dissertation: The Effectiveness of Using Virtual Laboratories to Teach Computer Networking Skills in Zambia
Committee Chair: Prof. W. T. Price, Jr.
- Luka Ngoyi Lusaka, Zambia
Dissertation: Benefits and Challenges Associated with Using Virtual Labs and Solutions to Overcome Them
Committee Chair: Prof. W. T. Price, Jr.

COUNSELOR EDUCATION

- Lauren Sheli Ermann Blacksburg, VA
Dissertation: The Lived Experiences of Older Women in Alcoholics Anonymous
Committee Chair: Prof. P. L. Burge and Prof. G. F. Lawson
- Michele G. Seibert Salem, VA
Dissertation: The Impact of Elementary School Career Development Practices and Elementary School Counselor Self Efficacy
Committee Chair: Prof. N. E. Bodenhorn

CURRICULUM AND INSTRUCTION

- Naina Arvin Bhandari Roanoke, VA
Dissertation: Collaboration: Using the Schools and Staffing Survey/Teacher Survey (SASS/TS) to Compare General Education Teachers and Special Education Teachers' Perceptions on Collaborative Practices
Committee Chair: Prof. T. O. Williams, Jr.
- Samantha Jane Blevins Galax, VA
Dissertation: Electronic Portfolio Adoption: Developing a Framework by Exploring Faculty Perspectives through the Lens of Diffusion of Innovation Theory
Committee Chair: Prof. J. M. Brill
- Mark Aaron Bond Roanoke, VA
Dissertation: Constructing Guidelines for Building Communities of Practice for Supporting Faculty Professional Development in Electronic Environments
Committee Chair: Prof. B. B. Lockee
- Cathy Nichols Cocke Lynchburg, VA
Dissertation: Controversial Issues in High School United States History Classes: Teachers' Perspectives
Committee Chair: Prof. D. Hicks
- Lesiba Joseph Malapile Blacksburg, VA
Dissertation: Technology Planning Framework for School Districts in Developing Countries
Committee Chair: Prof. B. B. Lockee
- Amber Diane Marcu Chico, CA
Dissertation: Relationship of Self-Efficacy to Stages of Concern in the Adoption of Innovation in Higher Education
Committee Chair: Prof. K. S. Cennamo
- Jennifer Sink McCloud Blue Ridge, VA
Dissertation: Storied Lives: Exploring English Language Learners' School Experiences
Committee Chair: Prof. G. A. Tilley-Lubbs
- Brian Isles Moseley Greensboro, NC
Dissertation: Description of Instructional Design Framework Usage in the Development of Learning Objects
Committee Chair: Prof. B. B. Lockee
- Kelly Laural Schurr Warsaw, NY

Dissertation: Cognitive Structural Change and the Technological Design Process
 Committee Chair: Prof. J. G. Wells
 Brigitte Condon ScottBlacksburg, VA
 Dissertation: Discussing Sexuality in the English Classroom: Using Bakhtinian Analyses and Positioning Theory to Explore Teacher Talk
 Committee Chair: Prof. J. W. Garrison
 Christopher Warren Wasko Winston-Salem, NC
 Dissertation: Design Guidelines for Instruction Delivered via Augmented Reality
 Committee Chair: Prof. B. B. Lockee

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

Tara Elizabeth Frank Norfolk, VA
 Dissertation: Why Do They Leave? The Departure of Student Affairs Professionals
 Committee Chair: Prof. J. B. Hirt
 Joanne Harris Lucas Virginia Beach, VA
 Dissertation: The History of Princess Anne County Training School and Union Kempsville High School Princess Anne County/Virginia Beach, Virginia 1925-1969
 Committee Chair: Prof. N. W. Tripp and Prof. T. W. Twiford
 Minnie Ruth Outlaw Windsor, NC
 Dissertation: A History of the Louisa Training School in Louisa County, Virginia, 1926-1953
 Committee Chair: Prof. T. W. Twiford
 Sharon A. Phillips Norfolk, VA
 Dissertation: An Assessment of the Levels of Implementation of Four Response to Intervention Components and Impact on Special Education Referrals in 35 Elementary Schools in the Southeastern Portion of Virginia
 Committee Chair: Prof. T. W. Twiford and Prof. C. S. Cash

EDUCATIONAL RESEARCH AND EVALUATION

Timothy Burrows Dublin, VA
 Dissertation: A Preliminary Rubric Design to Evaluate Mixed Methods Research
 Committee Chair: Prof. E. G. Creamer

HUMAN DEVELOPMENT

Hassan Karimi KoloukhiBlacksburg, VA
 Dissertation: Common Factors of Change Across Psychotherapy Models from Therapist's Perspective
 Committee Chair: Prof. F. P. Piercy
 Bradford Broyhill WilesNoblesville, IN
 Dissertation: Shared Reading, Guided Participation, and Mind-Mindedness in Appalachian Head Start Families
 Committee Chair: Prof. V. R. Fu

RHETORIC AND WRITING

Elizabeth AnthonyWalnutport, PA
 Dissertation: The Path to "Translingual": A History of the Globalization of English in Composition Studies
 Committee Chair: Prof. P. V. Heilker
 Kerry Jean DirkMoses Lake, WA
 Dissertation: Transfer and Faculty Writing Knowledge: An Activity Theory Analysis
 Committee Chair: Prof. K. M. Powell
 Scott Jacob KowalewskiTrenton, MI
 Dissertation: Specialized Online Publics and Rhetorical Ecologies: A Study of Civic Engagement in Natural Resource Management
 Committee Chair: Prof. D. L. George
 Ashley S. PatriarcaTrussville, AL
 Dissertation: Safety at the Margins: A Rhetorical Analysis of Occupational Risk Communication in Construction
 Committee Chair: Prof. E. R. Brumberger
 Molly Jane ScanlonBrookeville, MD
 Dissertation: Multimodal Composition and the Rhetoric of Comics: A Study of Comics Teams in Collaboration
 Committee Chair: Prof. D. L. George
 Matthew R. SharpCabot, AR

Dissertation: Organizational Identity-Power in Practice: The Rhetorics of University Identity
 Committee Chair: Prof. C. D. Rude

SCIENCE AND TECHNOLOGY STUDIES

Tristan Dane Cloyd Austin, TX
 Dissertation: (r)Evolution in Brain-Computer Interface Technologies For Play: (non)Users in Mind
 Committee Chair: Prof. J. C. Pitt

SOCIAL, POLITICAL, ETHICAL, AND CULTURAL THOUGHT

Lyusyena H. Kirakosyan Yerevan, Armenia
 Dissertation: Democratic Justice for Brazilians with Impairments
 Committee Chair: Prof. M. O. Stephenson, Jr.
 Marc Anthony ThomasSpanish Town, Jamaica
 Dissertation: Assessing the Boundaries of Participatory Democracy Within an Emancipatory Political Framework: The Case of Parish Development Committees in Jamaica
 Committee Chair: Prof. C. L. Brians

SOCIOLOGY

Angela Michelle Barlow Johnson City, TN
 Dissertation: Sexualities and Conflicting Moralities at Work: An Empirical Test of Black's Theory of Moral Time
 Committee Chair: Prof. J. E. Hawdon

COLLEGE OF NATURAL RESOURCES & ENVIRONMENT

FISHERIES AND WILDLIFE

Peter Norman Laver Johannesburg, South Africa
 Dissertation: The Foraging Ecology of Banded Mongooses (Mungos mungo): Epidemiological and Human-wildlife Conflict Implications
 Committee Chair: Prof. K. A. Alexander
 Fang-ye LinNew Taipei City, Taiwan
 Dissertation: "Islands" in an Island: Multiscale Effects of Forest Fragmentation on Lowland Forest Birds in Taiwan
 Committee Chair: Prof. D. F. Stauffer
 Claudia WultschKlagenfurt, Austria
 Dissertation: Noninvasive Tracking of Jaguars (Panthera onca) and Co-occurring Neotropical Felids in Belize, Central America by Genotyping Feces and Remote Camera Trapping
 Committee Chair: Prof. M. R. Vaughan and Prof. M. J. Kelly

FORESTRY AND FOREST PRODUCTS

Evan Beren BrooksLindside, WV
 Dissertation: Harmonic Regression and Landsat Time Series Applications in Forest Dynamics
 Committee Chair: Prof. R. H. Wynne and Prof. V. A. Thomas
 Yujuan ChenBozhou, China
 Dissertation: The Influence of Urban Soil Rehabilitation on Carbon Dynamics, Tree Growth, and Ecosystem Services
 Committee Chair: Prof. S. D. Day
 Olli-Pekka KuuselaKittila, Finland
 Dissertation: Three Essays in Natural Resource and Environmental Economics
 Committee Chair: Prof. G. S. Amacher

GEOSPATIAL AND ENVIRONMENTAL ANALYSIS

Emily Katherine Smith McKennaBlacksburg, VA
 Dissertation: Geographic Variation of an Invasive Forest Pathogen in the Northern Rockies and the Effects on Treeline Dynamics
 Committee Chair: Prof. L. M. Resler

COLLEGE OF SCIENCE

BIOLOGICAL SCIENCES

Robert Cory BernhardsSterling, VA
 Dissertation: Molecular Interactions of Type III Secretion System

Transcriptional Regulators in *Pseudomonas aeruginosa*: ExsA and ExsD

Committee Chair: Prof. F. D. Schubot

Verl Roy Emrick III.....Asheville, NC

Dissertation: Disturbance, Functional Diversity and Ecosystem Processes: Does Species Identity Matter?

Committee Chair: Prof. R. H. Jones

Xing JingTianjin, China

Dissertation: The Functional Role of Periplasmic Sensory Domain of the Sensor Kinase RetS in Biofilm Formation Regulation in *Pseudomonas aeruginosa*

Committee Chair: Prof. F. D. Schubot

Robert M. NorthingtonKenbridge, VA

Dissertation: Effects of Experimentally-altered Hydrology on Ecosystem Function in Headwater Streams

Committee Chair: Prof. J. R. Webster

CHEMISTRY

Daniel James BuckwalterErie, PA

Dissertation: Non-covalent Intermolecular Interactions in Polymer Design: Segmented Copolymers to Non-viral Gene Delivery Vectors

Committee Chair: Prof. T. E. Long

Timothy J. FuhrerBlenheim, NJ

Dissertation: Computational Study of the Properties and Stabilities of Endohedral Metallofullerenes

Committee Chair: Prof. H. C. Dorn

Jessica Dianne KnollIndianapolis, IN

Dissertation: Polyazine-Bridged Ru(II),Pt(II) Trimetallic and Tetrametallic Supramolecular Complexes Exhibiting Unusual Excited State Dynamics Important in Catalysis and PDT Drug Development

Committee Chair: Prof. K. J. Brewer

Shradha Vasant PatilChalisingaon, India

Dissertation: Radical Additions of Hydrocarbons, Ethers, and Acetals to Alkenes via Allyl Transfer Reaction: A New Chain Reaction for C-H Bond Functionalization

Committee Chair: Prof. J. M. Tanko

Jianyuan ZhangBeijing, China

Dissertation: Yttrium, Gadolinium, and Lutetium Based Endohedral Metallofullerenes: From Synthesis to Application

Committee Chair: Prof. H. C. Dorn

ECONOMICS

Paul Christopher C. HallmannRichmond, VA

Dissertation: Wage Growth and Worker Observability

Committee Chair: Prof. D. Salehi-Isfahani

Beibei ZhuWenzhou, China

Dissertation: Three Essays on Employer Learning

Committee Chair: Prof. S. Ge

GEOSCIENCES

Pilar Lecumberri SanchezAranjuez, Spain

Dissertation: Spatial and Temporal Evolution of Fluids in Hydrothermal Ore Deposits

Committee Chair: Prof. R. J. Bodnar

Jorge Daniel Moncada de la RosaGuadalajara, Mexico

Dissertation: Finding Gold

Committee Chair: Prof. R. J. Bodnar

Sharmin ShamsalsadatiTehran, Iran

Dissertation: Interferometry in Diffusive Systems: Theory, Limitation to its Practical Application and its use in Bayesian Estimation of Material Properties

Committee Chair: Prof. C. J. Weiss

Matthew Joseph Steele-MacInnisHighlands, Canada

Dissertation: Thermodynamics of Geologic Fluids

Committee Chair: Prof. R. J. Bodnar

MATHEMATICS

Kasie Gerilyn FarlowWappingers Falls, NY

Dissertation: The Reflected Quasipotential: Characterization and Exploration

Committee Chair: Prof. M. V. Day

Vitor Manuel Leite Dos Santos NunesBlacksburg, VA

Dissertation: Fréchet Sensitivity Analysis and Parameter Estimation in Groundwater Flow Models

Committee Chair: Prof. J. T. Borggaard

Xu ZhangTaiyuan, China

Dissertation: Nonconforming Immersed Finite Element Methods for Interface Problems

Committee Chair: Prof. T. Lin

PHYSICS

Nasrin AfzalIsfahan, Iran

Dissertation: Aging Processes in Complex Systems

Committee Chair: Prof. M. J. Pleimling

Zachary Evan LewisHuntington, WV

Dissertation: A Study of Modifications to Quantum Mechanics

Committee Chair: Prof. T. Takeuchi

Szymon M. ManeckiKraKow, Poland

Dissertation: Precision Measurement of the Solar Neutrino Flux Annual Modulation with the Borexino Detector

Committee Chair: Prof. R. B. Vogelaar

Hyunhang ParkSeoul, South Korea

Dissertation: Spin Systems Far from Equilibrium: Aging and Dynamic Phase Transition

Committee Chair: Prof. M. J. Pleimling

Martin RudolphAlbuquerque, NM

Dissertation: Quantum Transport in Mesoscopic Systems of Bi and Other Strongly Spin-orbit Coupled Materials

Committee Chair: Prof. J. J. Heremans

Justin David YonkerFairbanks, AK

Dissertation: Contribution of the First Electronically Excited State of Molecular Nitrogen to Thermospheric Nitric Oxide

Committee Chair: Prof. J. H. Simonetti and Prof. S. M. Bailey

PSYCHOLOGY

Scott R. AndersonBath, NY

Dissertation: Examination of Complicated Grief, Posttraumatic Stress, and Other Psychological Reactions among Student Survivors of the April 16th Shootings at Virginia Tech

Committee Chair: Prof. R. T. Jones

Kristy E. BenoitHavre Boucher, Canada

Dissertation: Interpretation Bias in Anxious Mothers and Their Children: Can Interpretation Modification Affect the Intergenerational Transmission of Anxiety?

Committee Chair: Prof. T. H. Ollendick

Lauren Leigh GoldenPowder Springs, GA

Dissertation: A Neurophysiological Approach to Differentiate Core Disgust and Moral Disgust

Committee Chair: Prof. M. Bell

Kristen Ann KneppPittsburgh, PA

Dissertation: Development of a Social Support Scale for Health Behaviors in College Students

Committee Chair: Prof. G. A. Clum, Jr.

Krystal Monique LewisBrentwood, NY

Dissertation: An Ounce of Prevention: Evaluation of the Fun FRIENDS Program for Kindergarteners in a Rural School

Committee Chair: Prof. T. H. Ollendick

Gregory S. LongoBlacksburg, VA

Dissertation: The Longitudinal Profiles of Child and Parent Religiousness and Spirituality: Their Relations with Child Adjustment

Committee Chair: Prof. J. Kim-Spoon

Michelle Anne PatriquinMiddlebury, VT

Dissertation: Defensive Neurophysiological Response: Exploring the Neural and Autonomic Correlates of Social Behavior

Committee Chair: Prof. A. Scarpa-Friedman

Cara Elisabeth PuglieseOak Hill, VA

Dissertation: A Pilot Study Examining the Feasibility and Preliminary Efficacy of Problem Solving Therapy in College Students with Autism Spectrum Disorders

Committee Chair: Prof. S. W. White

Nicole J. ThompsonDanville, VA

Dissertation: Leader Effectiveness in the Eye of the Beholder: Self-Serving Implicit Policies in Leader Perception

Committee Chair: Prof. R. J. Foti and Prof. Y. Miyazaki

Zhe WangShenyang, China

Dissertation: A Moderated Transactional Link between Child Behavioral

Problems and Parenting: A Longitudinal- and Behavioral- Genetic Study

Committee Chair: Prof. K. Deater-Deckard

Sarah Forester WillsSurf City, NC

Dissertation: More Than a Feeling: The Impact of Affect and Gender as Contextual Constraints on Perceptions of Emerging Leaders

Committee Chair: Prof. R. J. Foti

Laura Catherine WilsonChesapeake, VA

Dissertation: The Effects of Exercise-Induced Heart Rate Arousal on Stimulation Seeking and Aggression in College Students

Committee Chair: Prof. A. Scarpa-Friedman

STATISTICS

Pei XiaoBlacksburg, VA

Dissertation: Robust MEWMA-type Control Charts for Monitoring the Covariance Matrix of Multivariate Processes

Committee Chair: Prof. M. R. Reynolds, Jr.

Liaosa XuNanjing, China

Dissertation: The Design of GLR Control Charts for Process Monitoring

Committee Chair: Prof. M. R. Reynolds, Jr.

THE VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE

BIOMEDICAL & VETERINARY SCIENCES

Courtney Alicia CohenCentreville, VA

Dissertation: The Omental Fat Band as an Immunomodulatory Microenvironment for Ovarian Cancer

Committee Chair: Prof. P. C. Roberts

DOCTOR OF EDUCATION

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

Toni Leigh Pardue ChildressGloucester, VA

Dissertation: A Study of Ninth-Grade Transition Practices Across the Commonwealth of Virginia

Committee Chair: Prof. C. S. Cash

Herbert Thomas MonroeGlen Allen, VA

Dissertation: Case Study of Academic Achievement Teams in Stellar County

Committee Chair: Prof. J. R. Craig

Kathleen Ann Skelding-DillsBedford, VA

Dissertation: Response to Intervention (RtI) in a High School: A Case Study of Implementation

Committee Chair: Prof. N. W. Tripp

EDUCATION SPECIALIST

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

Valarie AngleGlade Hill, VA

Denise Michelle BeemanRichmond, VA

Leigh Anne BrewsterCedar Bluff, VA

Claudie Byrd CropperVirginia Beach, VA

Jamie Michelle MalinakRichmond, VA

Joy Ellen McDonaldRockbridge Baths, VA

Lavada Beverlee MuncyHaysi, VA

Leah Christine Wright StephensonBedford, VA

Bradley Michael StewartChatham, Canada

Allison Olivia TaylorChesapeake, VA

Melissa Ann TaylorChester, VA

Justin Thomas ThroupeNewport News, VA

Kristina Pearl TruellMorton, PA

Vera Joanne UnderwoodRuther Glen, VA

Rita Haynes WelshMiddlesex, VA

DOCTOR OF VETERINARY MEDICINE

THE VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE

Dean Gerhardt Schurig

Abell, Lauren ElizabethPocomoke City, MD

Abraham, Jessica LeeFairfax, VA

Batchelder, Chara LeighDerry, NH

Baum, Rachel MeredithGaithersburg, MD

Bays, Alicia Therese MariePoolesville, MD

Bellows, Margaret AnnRichmond, VA

Botsford, Annabel SebelinBethesda, MD

Boutwell, LauraWinchester, VA

Bowmaster, Hannah LynneMurrysville, PA

Bray, Charles Tyler LocherWestminster, MD

Brehm, JasonBaltimore, MD

Brida, Amy LynnMassapequa, NY

Brown, Shannon MabenRoseland, VA

Brummer, Tyson Peter ThomasRadford, VA

Bryce, Erin Melissa RubinHerndon, VA

Buracker, Lindsey KayRockville, VA

Corbin, Sheree MicheleMidlothian, VA

Cullen, Robert EdwardAshburn, VA

Davy, Rachel BethForest, VA

DeVito, StephanieChatham, NJ

Dolan, James KemperRichmond, VA

Doyle, Cathryn MarieGlen Burnie, MD

Economos, Theresa JoanVirginia Beach, VA

Esch, Kelly LynnAshburn, VA

Ferguson, Ellen LeCompteCambridge, MD

Finder, Jennifer SamanthaDerwood, MD

Firebaugh, Sarah PaigeSalem, VA

Frankenfield, Sara BethVirginia Beach, VA

Geis, Timothy AndrewSouthampton, PA

Gershon, AveetalVirginia Beach, VA

Golla, Krishna Rae WittBlue Ridge, VA

Grove, Lindsey Rene'Hagerstown, MD

Hanson, Sara JeanAbingdon, MD

Hay, Daniel EdwardCharlottesville, VA

Hemsley, Kaitlyn ElizabethChesterfield, VA

Hill, Joanne MarieEagle River, AK

Holtz, Courtney MarieChesapeake, VA

Huh, AmberHanover, MD

Jarvinen, Veronica Louise-VotawFairfax, VA

Johnson, Ashley AdrienneWilliamsburg, VA

Johnson, Carrie LeighPasadena, MD

Jones, KevinWhite Marsh, MD

Karpinski, Lindsay EDale City, VA

Keyserling, Christine LynnAlexandria, VA

Knopp, Christopher JamesVirginia Beach, VA

Kraft, Jessica LynnPoquoson, VA

Lemkul, Kelly LynnBlacksburg, VA

Li, Chai-FeiSan Francisco, CA

Lighty, Megan Elizabeth FolkWest Chester, PA

Lottinville, Kathleen MarieVirginia Beach, VA

Lui, HollyGaithersburg, MD

Maresca, Janah SchreiberSilver Spring, MD

Markey, Ann ConnellyBel Air, MD

Martin, Tara LynnBrandywine, MD

Mathieson, Ashley NicoleCoeburn, VA

Mavrich, SethMcMurray, PA

Maxey, Lauren GravesVirginia Beach, VA

McClain, Neely KathrynGreenville, SC

McConville, Kelly AnnetteDamascus, MD

McNett, Jenell MMillerton, PA

Messenger, Robert AllenReisterstown, MD

Neafsey, Michael F IIStevensville, MD

Neville, Erin AnnFairfax, VA

O'Dell, Derek JeffersonRoanoke, VA

Plowgian, Curtis Gurnee, IL
 Ranivand, D. Lauren Burke, VA
 Readnour, Tracy Cloninger Dale City, VA
 Rekant, Steven Isaac Monmouth Junction, NJ
 Romine, Jessica Franklin Alexandria, VA
 Rooker, Kristen Leigh Fredericksburg, VA
 Shomper, Jeremy Williamstown, PA
 Shores, Regina Marie Middletown, DE
 Simms Rodgers, Reagan Courtney Pickaway, WV
 Stevenson, Lynn Karen Fairfax, VA
 Surotchak, Jennifer Lauren Middleburg, VA
 Swartzwelder, Anne Elizabeth La Plata, MD
 Taylor, Jennifer Lynn Corbin, KY
 Tedeschi, Kim Oksana Midlothian, VA
 Templeton, Brian Andrew Blacksburg, VA
 Thomas, Kathryn Anne Frederick, MD
 Tomaszewski, Heather Lynn Rockville, MD
 Treseder, Julia Bethesda, MD
 Vaitkus, Jonas Antanas Columbia, MD
 Vanderhoof, Christopher Brian Gloucester, VA
 Wedd, Catherine B. Midlothian, VA
 Wegbreit, Cyrus Zane Abingdon, VA
 Welton, Michelle Lee Richmond, VA
 White, Courtney L. Winston-Salem, NC
 White, Margaret Hereford, PA
 Wilkinson, Ashley Rene Christiansburg, VA
 Wood, Charles Garrett Charlottesville, VA
 Wootton, Jessica Katherine Blackstone, VA
 Yager, Cody Mitchell Christiansburg, VA

MASTER'S DEGREES

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

MASTER OF SCIENCE

AGRICULTURAL AND APPLIED ECONOMICS

Boatwright, Jessica Ann Roanoke, VA
 Carrion Yaguana, Vanessa Del Rocio Loja, Ecuador
 Cohen, Jed Jacob Scottsdale, AZ
 Cultice, Alyssa Kristine Burke, VA
 DuBreuil, Katherine Michelle Midlothian, VA
 Enterline, Darren James Winchester, VA

AGRICULTURAL AND LIFE SCIENCES

Cornett, Rose M. Independence, VA
 Selig, Heather M. Arlington, VA
 Templeton, Jennifer Lee Nassawadox, VA

ANIMAL AND POULTRY SCIENCES

Allen, Brandon Chase Mykel Portsmouth, VA
 Brown, Britni Michelle Woodbridge, VA
 Ciamillo, Sarah Boonton Township, NJ
 Kohlhaas, Kaylee Shevon Strasburg, VA
 Riley, Elizabeth Hopkinsville, KY
 Roberson, Ryan Cain Wilson, NC

BIOCHEMISTRY

Rangarajan, Padma Mumbai, India

CROP AND SOIL ENVIRONMENTAL SCIENCES

Bradner, Aaron James Hampton, VA
 Cataldi, Joseph Derik Gordonsville, VA
 Dickerson, Jonathan Neil Christiansburg, VA
 Edwards, Cristie Leanne Galax, VA
 Hickman, Amber Leanna Abingdon, VA
 Jones, Gordon B. West Chester, PA

Jones, Justin Rodgers Williamsburg, VA
 Liu, Xiaojun Linzhou, China
 Parker, John Martin Fredericksburg, VA
 Reams, Nathaniel Frederick Yorktown, VA
 Reimer, Julie Virginia Marion, VA
 Rippner, Devin A. San Luis Obispo, CA
 Stretchko, Karin Ann Montpelier, VA
 Troyer, Nicole Loraine Seattle, WA

DAIRY SCIENCE

Ronk, Eric Thomas Denmark, WI
 Thames, Callie H. Nelson, VA

HUMAN NUTRITION, FOODS AND EXERCISE

Clark, Adrienne Ginter Centreville, VA
 Doering, Jonathan Adam Winchester, VA
 Noel, Lauren Elizabeth Charlottesville, VA
 Olive, Nicole Christine Chesapeake, VA
 Pittman, Joshua Taylor Woodbridge, VA
 Reese, Felicia Lorene Chester, VA

MASTER OF SCIENCE IN LIFE SCIENCES

AGRICULTURAL AND EXTENSION EDUCATION

Brunton, Kesley Church Bridgewater, VA
 Thomas, Lindsey Rachel Cache, OK

ENTOMOLOGY

Gresham, Sean Daniel Morehu Canterbury, New Zealand
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FOOD SCIENCE AND TECHNOLOGY

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 Halnon, Christopher Thomas Harrisonburg, VA
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 Masri, Hassan Mohamed Blacksburg, VA
 Waitt, Jessie Anne Powhatan, VA
 Waldron, Calvin Michael Salem, VA

PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE

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 Naumenko, Anastasia Nikolayevna Saint Petersburg, Russia
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COLLEGE OF ARCHITECTURE AND URBAN STUDIES

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 Bhawsar, Priya Bangalore, India
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 Carter, Adrian D. Pine Bluff, AR
 Choe, Michelle H. Arlington, VA
 Desalvatore, Ryan Joseph Clifton Park, NY
 Forth, Stephen Gaithersburg, MD
 Gaines, Ian Matthew Glen Ellyn, IL
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 Hackett, Sean Joseph Boca Raton, FL
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Peterson, Erik Fred	Baton Rouge, LA
Qu, Jinwu	Zhuzhou, China
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MASTER OF FINE ARTS

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Walker, Megan Anna Hein	Charlottesville, VA

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Beane, Kenneth M.	Murray, KY
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Gabriele, Rachel Victoria	Blacksburg, VA
Halle, Alyssa	Wilmington, NC
Hanratty, Matthew Thomas	Blacksburg, VA
Hubbard, Christopher Hugh	Aylett, VA
Madzudzo, Peter	Richmond, VA
Palomino, Shiloh	Virginia Beach, VA
Pearson, Amy Marie	Rock Falls, IL
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Semones, Ashli Monique	Vinton, VA
Sport, Shanone Trinity	Fredericksburg, VA
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Williams, Janice Kaday	Sterling, VA

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Puhl, Andrew Michael	Chambersburg, PA
Salcedo, Milton A.	Palmira, Colombia
Taylor, Christopher Scott	Aldie, VA
Yang, Yushi	Beijing, China

BUILDING/CONSTRUCTION SCIENCE AND MANAGEMENT

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LoSapio, Renee Michele	Warren, NJ
Marcella, Paul Martin	Middletown, CT
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Proffitt, Jonathan James	Charlottesville, VA
Puckett, Erin M.	Blacksburg, VA
Smith, Michael Eric	Williamsburg, VA
Whitmore, John Ralph	Walkersville, MD
Zhang, Yuan	Nanjing, China

PAMPLIN COLLEGE OF BUSINESS

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Boulanger, Caroline Genevieve	Chantilly, VA
Buckrop, Ryan Hancock	Fairfax Station, VA
Combs, Madison Elliott	Round Hill, VA
Coyner, Travis Ryan	Staunton, VA
Downey, Kyle Matthew	Hillsborough, NJ
Forbes, William Allan	Charlotte, NC
Gu, Bonmin	Fairfax, VA
Hurford, Sarah Elizabeth	Hampton, NJ
Jamshidi Mehr, Negar	Blacksburg, VA
Jayne, Ryan Matthew	Richmond, VA
Knies, Alyssa McKenzie	Williamsburg, VA
Lee, Kevin Scott	Burke, VA
Middleton, William A.	Richmond, VA
Mikdadi, Nasser Salem	Dobbs Ferry, NY
Neal, Sheena Courtney	Panther, WV
Raines, Christopher Colby	Grundy, VA
Ross, Evan William	Roanoke, VA
Shen, Muyao	Shanghai, China
Slaughter, Lindsey Marie	Raleigh, NC
Taing, Stephanie Dara	Chantilly, VA
Wei, Shanshan	Blacksburg, VA
Wernicki, Stephen John	Skillman, NJ
Zhang, Liuyi	Beijing, China

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Allwine, Andrew Joseph	Loxahatchee, FL
Arcella, Joseph Louis	Flemington, NJ
Assemat, Alexis	Feillens, France
Benoit, Andrew G.	Sheldon, VT
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Filmer, Steven	Cobleskill, NY
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Horsey, Sara E.	Briarcliff Manor, NY
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Karra, Sridevi	Hyderabad, India
Liang, Li-Ling	Taipei, Taiwan
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Stanton, David Robert, III	Cedar Bluff, VA
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Wiker, Jennifer Ann	Blacksburg, VA
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MASTER OF SCIENCE

HOSPITALITY AND TOURISM MANAGEMENT

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Maillem, Lance L. Kahului, HI
Mathis, Elaine Frances Tucson, AZ
Zhang, Yuying Daqing, China

COLLEGE OF ENGINEERING

MASTER OF ENGINEERING

AEROSPACE ENGINEERING

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CHEMICAL ENGINEERING

Widdison, Geoffrey Milton Salt Lake City, UT

COMPUTER ENGINEERING

James, Gregory Keith Christiansburg, VA
Street, James Joshua Blacksburg, VA
Stroud, Justin J. Huntsville, AL
Sundararajan, Muthu Selvan Tirunelveli, India

ELECTRICAL ENGINEERING

Bagoulla, Youssef Lahcen Springfield, VA
Hou, Yunting Beijing, China
Mohan, Sumedha Mclean, VA
Nguyen, Jeff Hoang Richmond, VA
Potnis, Tanmay S. Mumbai, India
Ressel, Charles Joseph Medina, OH
Seaman, Shane Thomas Hampton, VA
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Celli, John M. Carnegie, PA

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Entsminger, Adam Lee Virginia Beach, VA
Ganerwal, Ankit Tiruppur, India
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Harlow, Zachary Scott Crimora, VA
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Collins, Elizabeth Baldwinsville, NY
Rippner, Caitlin Marie Weigand Ellicott City, MD
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BIOMEDICAL ENGINEERING

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Sandberg, Lianne Marie Blacksburg, VA
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CHEMICAL ENGINEERING

Chiu, Ching-Wen Changhua County, Taiwan

CIVIL ENGINEERING

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Aguilar, Marcus F. Houston, TX
Arcella, Joseph Louis Flemington, NJ
Azinheira, David Lee Dartmouth, MA
Baird, Michael New Berlin, WI
Bajzek, Sasha N. Tinley Park, IL
Bertsch, David Edward Falls Church, VA
Booker, Randall Nathaniel Miami, FL
Bowen, Galo Emilio Manta, Ecuador
Bowers, George Allen, Jr Woodstock, VA
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Chan, Jerry Brooklyn, NY
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Motamed, Maryam Mashhad, Iran
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Robles Lora, Miguel Amaury Santiago, Dominican Republic
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Toellner, Bradley W. Sedalia, MO
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COMPUTER ENGINEERING

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Cristy, John Oliver Chesapeake, VA
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Mishra, Sudhanshu Barabanki, India
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Shelton, Benjamin H. Columbia, MO

COMPUTER SCIENCE AND APPLICATIONS

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 Krishnamurthi Ganesh, Prasad Chennai, India
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 Mantri, Sushil Govindnarayan Blacksburg, VA
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 Schutt, Kyle Lynn Alexandria, VA
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 Stewart, Michael Clark Charlotte, NC
 Stinson, Cheryl Ann Ottawa, Canada
 Subbiah, Rajesh Sriharikota, India
 Wood, Andrew Douglas Gillett, AR
 Yang, Seungwon Seoul, South Korea
 Zhao, Zhao Blacksburg, VA

ELECTRICAL ENGINEERING

Allen, Noah Patrick Powhatan, VA
 Biskaduros, Zachary Jon Chantilly, VA
 Davis, Daniel E. Leesburg, VA
 Deyerle, Thurman Shaver, IV Blacksburg, VA
 Dhar, Saurav Kolkata, India
 Du, Le Beijing, China
 Freeman, William John Charlotte, NC
 Ghumman, Ahmed Zaheer Blacksburg, VA
 Gilham, David Joel Christiansburg, VA
 Hasan, Yeashfi Montreal, Canada
 Jain, Nikhil Blacksburg, VA
 Jakubisin, Daniel Joseph Charlotte, NC
 Ji, Shu Yancheng, China
 Jiang, Li Wuhan, China
 Mertz, Christopher George Mechanicsville, VA
 O'Donnell, Alan Larkin La Plata, MD
 Overfield, Jacob Ivan Waldorf, MD
 Pramodkumar, Neeraj Cochin, India
 Rebholz, Matthew John Mars, PA
 Retty, Hema Athirame Toronto, Canada
 Rogers, William James Ridgefield, CT
 Taylor, Ryan Charles Dover, PA
 Turner, John Andrew Damascus, MD
 Xin, Xin Ganzhou, China
 Zhang, Scott N. Collegeville, PA
 Zhang, Yao Jinan, China
 Zhou, Bo Zigong, China

ENGINEERING MECHANICS

Al Awadhi, Ayesah Mohammad Al-Adan, Kuwait
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ENVIRONMENTAL ENGINEERING

Driskill, Natalie Marie Ashburn, VA
 Le Bel, Paul David Clifton, VA
 Mazzochette, Mark Joseph Cherry Hill, NJ
 Rogers, Mark East Greenwich, RI
 Sain, Amanda Elizabeth Concord, NC
 Tang, Min Chongqing, China
 Varin, Ross A., III Kernersville, NC
 Wilcocks, Robert Garrett Williamsburg, VA

ENVIRONMENTAL SCIENCES AND ENGINEERING

Egan, Amy J. Blacksburg, VA
 Reynolds, James Douglas Virginia Beach, VA

INDUSTRIAL AND SYSTEMS ENGINEERING

Alpert, Stephanie Winchester, MA
 Angles, Joseph Nicholas Bluefield, VA
 Arghandeh Jouneghani, Reza Tehran, Iran
 Azadeh Fard, Nasibeh Tabriz, Iran
 Breuer, Dominic Johannes Cologne, Germany
 Dhillon, Gurjot Singh Chandigarh, India
 Herrera-Restrepo, Oscar A. Tulua, Colombia
 Jamison, Tatiana Maria Duluth, MN
 Lee, Walter Curtis, Jr. Goose Creek, SC
 Li, Jiajia Tianjin, China
 Mutlu, Nevin Bursa, Turkey
 Rashedi, Ehsan Mashad, Iran
 Rathinam, Arvinth Chandar Chennai, India
 Stefaniak, Sean Martin Mount Laurel, NJ
 Walker, Christopher Michael Pasadena, MD
 Zhang, Tao Blacksburg, VA
 Zhang, Yi Blacksburg, VA

MATERIALS SCIENCE AND ENGINEERING

Elmkharram, Hesham Moh A. Tripoli, Libya
 Hoang, Jonathan Leonardtown, MD
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MECHANICAL ENGINEERING

Armstrong, Elizabeth Gene Ann Arbor, MI
 Buehrle, Bridget Erin Williamsburg, VA
 Cauthen, Rea Kimbrell, III Aiken, SC
 Chen, Rong Fu Zhou, China
 Dahl, Erik Monroe Forest, VA
 Dillon, Brandon James Christiansburg, VA
 Gorman, Thomas Ian Ellicott City, MD
 Gregory, Jessica G. Raleigh, NC
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 Hoopes, Kevin M. Soda Springs, ID
 Hopkins, Scott Dale Yorktown, VA
 Jackson, Benjamin Houston Reston, VA
 Jones, Michelle Lynne Newport News, VA
 Keller, Brian Matthew Charleston, WV
 Kishore, Ravi Anant Patna, India
 Kryworuk, Christopher Nicholas Virginia Beach, VA
 Lambeth, Jacob Nelson Virginia Beach, VA
 McNeil, Wilfred J., IV Chesapeake, VA
 Meehan, Sean Belford, NJ
 Murphy, Ian Patrick Burke, VA
 Okyen, Michael Louis Yorktown, VA
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 Ostergaard, Lindsey Eubank Madison Heights, VA
 Spontarelli, Adam Michael Lynchburg, VA
 Srinivasan, Shreyas Bangalore, India
 Thompson, Jordan Lee Millboro, VA
 VanSant, Paul Daniel Lynchburg, VA
 Venkatapathi, Sarankumar Coimbatore, T.N, India
 Wrobel, Shannon Alicia Vienna, VA

MINING ENGINEERING

Kirby, Laura Rebecca Bluefield, WV

OCEAN ENGINEERING

Field, Parker Lawrence Williamsburg, VA
 Stephens, Skylar Nicholas Oak Ridge, TN

SYSTEMS ENGINEERING

Aylor, Lucas Daniel King George, VA
 McNeill, Charles Elmer, IV Arlington, VA
 Rogers, Mark Anthony Vienna, VA

INTERDISCIPLINARY DEGREES

MASTER OF INFORMATION TECHNOLOGY

Anderson, Lacy Brent	Alberta, VA
Baba, Mosaab Elhag	Alexandria, VA
Bowman, Carolyn Anise	Cleveland, OH
Burke, Sean Thomas	Falls Church, VA
Chilton, James Arthur	Londonderry, NH
Cooper, George A.	Blacksburg, VA
Cox, Patrick	Farmington, MN
Do, Larry	Alexandria, VA
Doble, Gregorio Lim	Alexandria, VA
Doheny, Victoria Harcum	Suffolk, VA
Flora, Michael Edgar	Roanoke, VA
Gordon, Alicia Joan	Vienna, VA
Goushe, Wassie Ahmed	Burke, VA
Halbleib, Cody Horton	Fairfax, VA
Henry, Todd Francis	Virginia Beach, VA
Hoang, Nicholas Viet-Long	Herndon, VA
Huda, Neri Lissa Velasco	Burke, VA
Hunnewell, Aaron Joshua	Blacksburg, VA
Johnson, Shannon Shari	Henderson, NC
Khuanghlawn, Daniela Michelle	Portsmouth, VA
Kowalik, John M.	Fairfax, VA
Lee, Sharma P.	San Diego, CA
Lige, Vickie Rucker	Madison Heights, VA
Little, Matthew Chrissman	Newport, VA
Luong, Dai T.	Springfield, VA
Mac, Daniel Huynh	Fairfax, VA
Mai, Nhu-Y T.	Manassas, VA
Marin, Jorge Raul	Reston, VA
Miller, Matthew Dustin	Charlottesville, VA
Modi, Alpa Kalpesh	McLean, VA
Mohanaraghan, Arun	Reston, VA
Moore, Steven Ronald	Virginia Beach, VA
Ogletree, Brett Mardell	Richmond, VA
Paetz, Joseph R.	Hampton, VA
Pandurangi, Manasa	Sterling, VA
Ritchie, Christopher S.	Alexandria, VA
Rivera, Domingo Juan	Richmond, VA
Sample, John Williams, III	Herndon, VA
Sharathchandra, Chitra	Reston, VA
Sievers, Dustin Ray	Dalton, MA
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Stauffer, Colleen Kay	Waco, TX
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Vaughn, Leonard Benedict, III	Baltimore, MD
Williams, Leslie Carol	Richmond, VA
Williams, Marqia Lynn	Lynchburg, VA
Younus, Syed Owais	Centreville, VA
Zeller, Joseph Michael, Jr	Wheaton, IL

MASTER OF SCIENCE

MACROMOLECULAR SCIENCE AND ENGINEERING

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COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

MASTER OF ARTS

COMMUNICATION

Matuszak, Steven	North Olmsted, OH
Sigler, Jennifer E.	Harpers Ferry, WV
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Sowder, Nathan	Bluefield, WV
Zhuang, Yuxi	Luoyang, China

ENGLISH

Cohen, Jessica Shepard	Herndon, VA
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FOREIGN LANGUAGES, CULTURES, AND LITERATURES

Chuday, Kimberly Lynn	Oak Hill, VA
Costa de Moraes, Wesley	Sao Paulo, Brazil
Fitzgerald, Rachel Loren	Middlebrook, VA
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HISTORY

Nolan, Ryan W.	Cleveland, TX
Paxton, William R.	Broadway, VA
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PHILOSOPHY

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Schimpf, Brian	Valparaiso, IN
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Thompson, Blake Barrett	Billings, MT

POLITICAL SCIENCE

Beal, Andrew Walton	Wake Forest, NC
Byrd, Christopher Merrill	Rainier, OR
Christiansen, William Thomas	Simpsonville, SC
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Hickey, Chelsea Aleena	Ashburn, VA
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Sabarre, Nina Riza	Fairfax, VA
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MASTER OF ARTS IN EDUCATION

COUNSELOR EDUCATION

Aswegan, Toni Carroll	Fredericksburg, VA
Cundiff, Kymberly Jamison	Glade Hill, VA
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Karweik, Kaitlin Beth	Charlottesville, VA
Lackey, Bethany Ann	Stuart, VA
Lukanich, Madeleine Reedy	Christiansburg, VA
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McGill, Lauren Alyse	Blacksburg, VA
Nelson, Valerie F.	Greenville, SC
Reeve, Megan Elizabeth	Roanoke, VA
Ripley, Dana Marie	Fincastle, VA
Ross, Katrina Elaine	Roanoke, VA
Toomey, Amanda Dorothy	Richmond, VA

CURRICULUM AND INSTRUCTION

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Barrett, David Darcy	Staunton, VA
Bassing, Emily Margaret	Warrenton, VA
Bates, Lauren Elizabeth	Brooks, GA

Bishop, Benjamin Tyler Winchester, VA
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Brechtel, Chelsea Lynn Chesapeake, VA
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Casali, Diana Marie Natick, MA
Castonguay, Rachel Leigh Yorktown, VA
Chafe, Erin Gillian Henrico, VA
Clements, Martha Elizabeth Orange, VA
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Davis, Whitney Nichole Tazewell, VA
Dickens, Brittany Michelle Max Meadows, VA
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Feldman, Lexie Paige Virginia Beach, VA
Fiesthumel, Alyse Marie Lynchburg, VA
Fiesthumel, Brooke Ellen Forest, VA
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Guard, Caleb C. Salem, AL
Harrigan, Brendan Patrick Mickleton, NJ
Haynes, Sarah Ashley Galax, VA
Hogan, Hollie Ann-Holdren Roanoke, VA
Holesapple, Addie Munsey Covington, VA
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Horvath, Stephanie Grace South Bend, IN
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Kehoe, Kaitlyn Elizabeth Fayetteville, NC
Klein, Dani Angelle Eunice, LA
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Lewis, Jessica L. Beardstown, IL
Lewis, Sean Everett Forestville, MD
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Little, Kyla Beth Dayton, VA
Lund, Kelsey Lynette Stafford, VA
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Martin, Christopher Arthur Waynesboro, VA
Maupin, Ashley Eileen Charlottesville, VA
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McKinney, Jodi Carol Charleston, WV
Meighan, Amanda Leigh Richmond, VA
Melendez, Jose M. Blacksburg, VA
Mellott, Beth Melinda Ruckersville, VA
Merrill, Nicholas Swede Stephens City, VA
Mines, Andrew Michael Carrollton, TX
Moser, Kara Whitney Raleigh, NC
Mosley, Michael Elliot Virginia Beach, VA
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Newberne, Sharon Elizabeth Gallipolis, OH
Newhall, Stephanie Marie Oak Hill, VA
Nolan, Sabrina Claire Cumberland, MD
Overson, Molly Jane Fairfax Station, VA
Parker, Anna Ramsey Leesburg, VA
Parker, Sarah Love Annandale, VA
Phillips, Joseph McGovern Blacksburg, VA
Piazza, Christopher Lee King George, VA
Pinard, Rachel Dare Salem, VA
Ponzio, Katherine Grey Kruger Newport, VA
Pruett, Andrew Thomas Danville, VA
Roper, Brian Wade Charlottesville, VA
Rosenkrantz, Samuel Ben Richmond, VA
Rubin, Josh Samuel Shoreham, NY
Russell, Paige Elle Virginia Beach, VA
Schafer, Jennifer Leigh Centreville, VA
Segedin, Laura Jeanne Kinnelon, NJ
Seidner, Lee Thomas Centreville, VA
Souders, Casey Marie St. Clair Shores, MI
Stombock, Shannon Lee Luray, VA
Strubel, Elizabeth Sara Manassas, VA
Sutton, Kevin Boone, NC

Swanson, Nancy Lou Midlothian, VA
Tang, Yimin Shanghai, China
Thompson, Joshua David Ararat, VA
Underwood, Ashley Marie Axton, VA
Vaeth, Kelley Marie Bedford, VA
Vaughan, Sara Randolph Waynesboro, VA
Vaughn, Lauralyn Monrovia, MD
Vermillion, Michael Ryan Kingsport, TN
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Willard, Megan Lynn Stuart, VA
Woodard, Kendall C. Blacksburg, VA
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Zavertnik, Alison Paige Midlothian, VA
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EDUCATIONAL LEADERSHIP AND POLICY STUDIES

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Bray, Lee Anne Mathews, VA
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Grier, Mary Mackenzie Midlothian, VA
Harden, Karen Elizabeth Goochland, VA
Harmon, Jeremy Lee Bidwell, OH
Heenehan, Kaitlin Hamilton, NJ
Howard, Shenoah Glen Allen, VA
Jones, Patrick Terril Summerville, SC
Jones, Robyn Tene West Palm Beach, FL
King, Jordan Titus Tipp City, OH
Maffett, Brittany Mechelle Germantown, MD
Mccoy, David Edwin Lake Jackson, TX
Mintz, William Jackson Surry, VA
Nutter, Kenneth Ryan Saltville, VA
Russo, Kathryn Lynn Charlotte, NC
Stamper, Joshua Edward Glade Spring, VA
Stewart, Kelly Marie Newton Falls, OH
Stowe, Alyssa D. San Antonio, TX
Tyler, Linda Harris Columbia, VA
Tyler, Tracy Michelle Chesterfield, VA
Volkmar, Susan H. Rochester, NY
Wilson, Diana L. Cheyenne, WY

MASTER OF FINE ARTS

CREATIVE WRITING

Hobin, Andrew John Peoria, IL
Prewitt, Christopher Allan London, KY
Stolen, James Bernt Cove, OR
Stout, Brianna P. Newark, OH
Usselman, Laura Atlanta, GA
Willis, Kedon Kevin Kingston, Jamaica
Yee, Sandra M. Phoenix, AZ

THEATRE ARTS

Maresca, Kevin Washington, DC

MASTER OF SCIENCE

HUMAN DEVELOPMENT

Morgan, Troy Michael Vienna, VA

SOCIOLOGY

Batten, George P.Charlottesville, VA
Moshier, JenniferBlacksburg, VA
Payne, KaitlandAmissville, VA

MASTER OF SCIENCE IN EDUCATION

CAREER AND TECHNICAL EDUCATION

Baughner, Katie MichelBridgewater, VA
Blythe, Mollie PatriciaFranklin, VA
Cox, Lawrence LeeBristol, VA
Fisher, Jordan ElizabethChesterfield, VA
Helwig, Erinn MarieStafford, VA
Howell, Anne MarieSuffolk, VA
Meadows, Kaitlyn RuthBuchanan, VA
Miginsky, Michael AlbertWaterford, VA
Morris, Reginald B.Gloucester, VA
Paulette, Morgan RobertBlacksburg, VA
Rogers, Angie MarieWilliamstown, NJ
Scott, Emi-Elizabeth IreneChilhowie, VA
Seskey, Katelyn ElizabethAlexandria, VA
Sprinkel, Michelle LeaCharlottesville, VA
Treadwell, Kelsey RaeGainesville, VA
Watson, Melissa ReneeRoanoke, VA
Whitehorse, Austin JamesVirginia Beach, VA

COLLEGE OF NATURAL RESOURCES & ENVIRONMENT

MASTER OF FORESTRY

Chakurda, Taylor NeumannPittsburgh, PA
Saville, Trevor EdwardEagle Rock, VA

MASTER OF NATURAL RESOURCES

NATURAL RESOURCES

Flatness, Andrew EdwardFalls Church, VA
Miller, Kathryn DeBraggaLynchburg, VA
Msambo, Georgette U.Dar es Salaam, Tanzania
Phelps, Douglas WallaceMidlothian, VA
Pinsky, James GregoryRemington, VA
Zaharias, Anthony MichaelWestfield, MA

MASTER OF SCIENCE

FISHERIES AND WILDLIFE

Carey, Caitlin ShafferReston, VA
Coleman, Laci ShareeMarietta, GA
Hatch, Joshua M.Jersey Shore, PA

FORESTRY AND FOREST PRODUCTS

Curtis, Chelsea MargretheLynchburg, VA
Gilllin, Cody PalmerWenatchee, WA
Leveroos, Maura K.St. Paul, MN
McLean, Kevin DanielNewport News, VA
Moore, Elizabeth AndersonCharlottesville, VA
Shockey, Melissa DawnAugusta, WV
Suren, HaktanAnkara, Turkey
Werner, AmyNewfield, NY

GEOGRAPHY

Agriesti, KeriBucyrus, OH
Diaw, Adja AdamaDakar, Senegal
Dymond, Sara ElizabethBlacksburg, VA
Harman, MaryBluefield, WV

COLLEGE OF SCIENCE

MASTER OF SCIENCE

BIOLOGICAL SCIENCES

Dalton, ElanColorado Springs, CO
Meisel, Kacey DanielleStafford, VA
Wyderko, Jennifer AnneRockville, MD
Xiao, YiBlacksburg, VA
Zhang, JingyuJinan, China

CHEMISTRY

Sands, Joshua HeathChesterfield, SC

GEOSCIENCES

Broce, JesseSalmon, ID
Capobianco, Ryan MichaelEndwell, NY
Choi, JaewoonDaejeon, South Korea
Conn, ArielBlacksburg, VA
Eagle, Sarah DeniseNewberry, FL
Mazza, Sarah ElizabethCary, NC

MATHEMATICS

Jia, BeiWeinan, China
Kuhlman, Christopher JamesQuincy, IL
Magruder, Caleb Clarke, IIILeesburg, VA
Renardy, MarissaBlacksburg, VA
Shifler, Ryan M.Boonsboro, MD
Wells, David ReeseAnnandale, VA

PHYSICS

Assi, HibaBaallbeck, Lebanon
Bravo Berfuno, DavidOviedo Asturias, Spain
Intoy, Ben Frederick MartirStafford, VA
Sun, ChenGaomi Shandong, China
Wu, RuoxuWuhan Hubei, China

PSYCHOLOGY

Hassenfeldt, Tyler AnnePittsburgh, PA
Heck, Alison RaePoquoson, VA
Snead, Kathleen BentonWesterville, OH
Turner, Karin A.Blacksburg, VA

STATISTICS

Alothman, AhmadKuwait, Kuwait
Carzolio, Marcos ArantesFalls Church, VA
Lu, HaoShanghai, China
Ma, WeiWuhan Hubei, China
Xiong, YiChangsha, China

THE VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE

MASTER OF PUBLIC HEALTH

PUBLIC HEALTH

Link, Sarah KatlynNorfolk, VA
Rivers, CaitlinPlainfield, NH
Smith, Allison LeighFairfax Station, VA
Telionis, Pyrros A.Blacksburg, VA
Timpano, Autumn ClappNorton, VA
Valenzuela, Ivette G.Blacksburg, VA

MASTER OF SCIENCE

BIOMEDICAL & VETERINARY SCIENCES

Brantman, Karen Renee Kalamazoo, MI
D'Amico, Laura Lee Crowley, LA
Gasser, Amanda Lynn Mechanicsville, VA
Kemp, Stephanie Diane Colorado Springs, CO
Ng, Zenithson Ying Rockaway, NJ
Sangster, Jodi Kirsten Bozeman, MT
Walker, Michelle Kay Arlington, VA

GRADUATE CERTIFICATE

ECONOMIC DEVELOPMENT

LoSapio, Renee Michele Warren, NJ

FUTURE PROFESSORIAL GRADUATE

Abdallah, Shaimaa Abdallah M. Blacksburg, VA
Allen, Kacie Chanelle Bakersfield, CA
Bahamonde Azcuy, Javiera Valdivia, Chile
Davis, Frances Maria New Kent, VA
DeValve, Caleb Joshua Manchester, CT
Dirk, Kerry Jean Moses Lake, WA
Ghoston, Michelle Lynchburg, VA
Hartman, Timothy Benjamin Fort Wayne, IN
Haynes, Courtney Ann Freeport, PA
Kowalewski, Scott Jacob Trenton, MI
Lewis, Stephanie Nicole Newport News, VA
Pal, Anamitra Blacksburg, VA
Schuh, Anna Kristine St. Paul Park, MN
Sharp, Matthew R. Cabot, AR
Short, Kathleen M. Spotsylvania, VA
Sigler, Jennifer E. Harpers Ferry, WV
Tavassoly, Iman Shiraz, Iran
Thomas, Marc Anthony Spanish Town, Jamaica
Tolley, Jennifer Ann Lexington, VA
Valenzuela, Ivette G. Blacksburg, VA
Wang, Hong Fujian, China
Whysong, Christan Yvonne Broad Run, VA
Wilson, Laura Catherine Chesapeake, VA
Zhang, Hong Bo Fushun, China

GEOSPATIAL INFORMATION TECHNOLOGY

Cucinotta, Jeffrey Westampton, NJ
Gillin, Cody Palmer Wenatchee, WA
Peng, Xiaoxuan Shenzhen, China
Poole, Heather Anne Richmond, VA
Puckett, Erin M. Blacksburg, VA

Staton, Charles Robert Bluefield, VA
Zhang, Yuan Nanjing, China

GERONTOLOGY

Ermann, Lauren Sheli Blacksburg, VA
Valenzuela, Ivette G. Blacksburg, VA
Wiles, Bradford Broyhill Noblesville, IN

HIGHER EDUCATION ADMINISTRATION

Love, Tyler Scott Palmyra, PA

INTERNATIONAL RESEARCH AND DEVELOPMENT

Wingate, Steven Burke Glen Allen, VA

LOCAL GOVERNMENT MANAGEMENT

Davis, Robert M. Staunton, VA
Umberger, Leslie Rice Roanoke, VA

LEARNING SCIENCE

Farquhar-Caddell, Dakota Austin, TX
Maffett, Brittany Germantown, MD

METROPOLITAN STUDIES

Whitmore, John Ralph Walkersville, MD

NUCLEAR ENGINEERING

Spontarelli, Adam Michael Lynchburg, VA
VanSant, Paul Daniel Lynchburg, VA

NONPROFIT AND NONGOVERNMENTAL ORGANIZATION MANAGEMENT

Jones, Robyn Tene West Palm Beach, FL
Sledge, Sally Newport News, VA
Walz, Jerald Henry Blacksburg, VA

FOUNDATIONS OF POLITICAL ANALYSIS

Engle, Jeffrey Blacksburg, VA
Jones, Patrick Terril Summerville, SC

POLITICS AND POLICY STUDIES OF SCIENCE AND TECHNOLOGY

Adam, Laura Agyuesvives, France

INTEGRATIVE STEM EDUCATION GRADUATE

Felix, Allison Blacksburg, VA
Tolley, Jennifer Ann Lexington, VA

GRADUATE DEGREES NATIONAL CAPITAL REGION

DOCTOR OF PHILOSOPHY

COLLEGE OF ARCHITECTURE AND URBAN STUDIES

PUBLIC ADMINISTRATION/PUBLIC AFFAIRS May 18, 2013

James LeVoy Lepse Alexandria, VA
Dissertation: "What to Buy?": The Under Explored Dimension of the
Smart-Buyer Problem
Committee Chair: Prof. J. F. Wolf

December 20, 2012

Natalie French Heffernan Colonial Beach, VA
Dissertation: Tending the Fire of Service: An Empirical Study of
Strategies for Integrating Volunteer and Career Firefighters
Committee Chair: Prof. A. M. Khademian

Susan M. Pandy Painesville, OH
Dissertation: An Examination of the Privacy Impact Assessment as a
Vehicle for Privacy Policy Implementation in U.S. Federal Agencies
Committee Chair: Prof. A. M. Khademian

August 11, 2012

Dawit Teklu Springfield, VA
Dissertation: The Role of Strategic Planning in Community Colleges: A
Study of the Perceived Benefits of Strategic Planning in Maryland
Community Colleges
Committee Chair: Prof. J. F. Wolf

COLLEGE OF ENGINEERING

CIVIL ENGINEERING May 18, 2013

Justin Bartlett McMechen, WV
Dissertation: Heuristic Optimization of Water Reclamation Facility
Nitrate Loads for Enhanced Reservoir Water Quality
Committee Chair: Prof. A. N. Godrej

Faisal Hameed Alexandria, VA
Dissertation: A Hybrid Life Cycle Assessment-Life Cycle Cost Analysis
Model for the Development of a State Transportation Improvement
Program
Committee Chair: Prof. T. J. Grizzard, Jr. and Prof. K. Hancock

August 11, 2012

James Howard Stagge East Lansing, MI
Dissertation: Optimization of Multi-Reservoir Management Rules Subject
to Climate and Demand Change in the Potomac River Basin
Committee Chair: Prof. G. E. Moglen

COMPUTER ENGINEERING August 11, 2012

Sook Shin Ha Blacksburg, VA
Dissertation: Dimensionality Reduction, Feature Selection, and
Visualization of Biological Data
Committee Chair: Prof. J. Xuan

COMPUTER SCIENCE AND APPLICATIONS May 18, 2013

Fenye Bao Suqian, China
Dissertation: Dynamic Trust Management for Mobile Networks and Its
Applications
Committee Chair: Prof. I. Chen

Xutong Liu LiaoYang, China
Dissertation: Prediction and Anomaly Detection Techniques for Spatial
Datasets
Committee Chair: Prof. C. Lu

Robert Raymond Mitchell III Annandale, VA
Dissertation: Design and Analysis of Intrusion Detection Protocols in
Cyber Physical Systems
Committee Chair: Prof. I. Chen

December 20, 2012

Feng Chen Falls Church, VA
Dissertation: Efficient Algorithms for Mining Large Spatio-Temporal Data
Committee Chair: Prof. C. Lu

ELECTRICAL ENGINEERING May 18, 2013

Reza Arghandeh Jouneghani Tehran, Iran
Dissertation: Distributed Energy Storage Systems: Critical Microgrid
Application, Market-Based Optimal Operation and Harmonic Analysis
Committee Chair: Prof. R. P. Broadwater and Prof. V. A. Centeno

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

COUNSELOR EDUCATION May 18, 2013

Robtrice D. Brawner Chicago, IL
Dissertation: Cultural Capital and the Impact on Graduation for African
American Men in Community Colleges
Committee Chair: Prof. S. F. Lambert

Brian Scott Maiden Salem, NJ
Dissertation: The Lived Experiences of the Adolescent Father in North-
ern Virginia
Committee Chair: Prof. P. E. Brott

James Edmund Mudd Manassas, VA
Dissertation: The Relationship Between Gender Role Conflict,
Psychological Distress, and Attitudes toward Help-Seeking in Divorced
Gay Fathers
Committee Chair: Prof. P. E. Brott

Emily Goodman Scott Virginia Beach, VA
Dissertation: School Counselors' Perceptions of their Academic
Preparedness for Job Activities and Actual Job Activities
Committee Chair: Prof. S. F. Lambert

August 11, 2012

Paula Lynn Rainer Herndon, VA
Dissertation: Students with Disabilities Who Contact the Counselor for
College Information
Committee Chair: Prof. P. E. Brott

CURRICULUM AND INSTRUCTION May 18, 2013

Brian T. Mott Floyd, VA
Dissertation: An Examination of the Relationship Between Course
Schedule Format and AP Exam Score Performance
Committee Chair: Prof. K. R. Potter

HUMAN DEVELOPMENT
May 18, 2013

- Cameron Michael Kiosoglous Sydney, Australia
Dissertation: From Great Athlete to Great Coach: Self-reflection and Experience as Predictors of Coaching Success
Committee Chair: Prof. P. D. Renard
- Melissa Maybury Lubin Richmond, VA
Dissertation: Coaching the Adult Learner: A Conceptual Framework for Engaging the Principles and Processes of Andragogy for Best Practices in Coaching
Committee Chair: Prof. M. Boucouvalas and Prof. P. D. Renard
- Stephanie V. Overton Stanard Clinton, MD
Dissertation: Motivation to Participate in Workplace Training Within the Intelligence Community and Beyond: A Study of Contributing Factors
Committee Chair: Prof. C. D. Klunk
- C. Leanne Wells Lewisburg, TN
Dissertation: Lost and Forgotten While Remaining in Place: The Lived Experience of Other-Imposed Social Isolation in the Work-Place
Committee Chair: Prof. M. Boucouvalas and Prof. F. Hultgren

DOCTOR OF EDUCATION

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

EDUCATIONAL LEADERSHIP AND POLICY STUDIES
May 18, 2013

- Paula Johnson Virginia Beach, VA
Dissertation: The Impact of Technology on Parental Involvement: Perceptions of Teachers and Guidance Counselors Regarding the Impact of a Parent Portal Component of a Student Information System on Parental Involvement at the High School Level
Committee Chair: Prof. C. S. Cash

EDUCATION SPECIALIST

EDUCATIONAL LEADERSHIP AND POLICY STUDIES
May 18, 2013

- Katherine D. Doyle Ashtabula, OH
- Mary Helen Engels Lorton, VA
- Laura Alsbrooks Goldzung Bristow, VA
- Michelle Renee Guichard Manassas, VA
- Krista Beth Kimble Haymarket, VA
- Danielle Lee Schoolcraft Woodbridge, VA
- Michael Phillip Schwartz Woodbridge, VA
- Dale Alan Tozzo Gainesville, VA

MASTER'S DEGREES

COLLEGE OF ARCHITECTURE AND URBAN STUDIES

MASTER OF ARCHITECTURE
May 18, 2013

- Kong, Zhaoyang Sichuan, China
- Mack, Corey Stephen Severna Park, MD
- Mattaliano, Megan E. Alexandria, VA
- Nguyen, Katrina Trozado Arlington, VA
- Ovitt, Amber Nicole Williamsburg, VA
- Ozdeniz, Cem Istanbul, Turkey
- Paz Morales, Antonio Huajuapán De Leon, Mexico
- Richter, Sarah Karin New Providence, NJ
- Roth, Hillary Grace Virginia Beach, VA
- Stelling, Catherine Forsythe Greenwood, SC
- Stingone, Danielle Somers, NY
- Swiatocha, Andrea Leigh Celina, OH
- Wallerich, Nazanin Leila Potomac, MD
- White, Jesse Tyler Asheville, NC

December 20, 2012

- Coleman, Ariana Kaitlan Leesburg, VA
- Elliott, Magdalena Anna Jaroslaw, Poland
- Francis, Brandon Ray Hampton, VA
- Ghassemieh, Negar Alexandria, VA
- Hall, Matthew William Perry, OH
- Kennedy, Ashley B. Pataskala, OH
- Moussamim, Saad Rabat, Morocco
- Shang, Ningning Wuhan, China
- Tarr, David L. Atlanta, GA

August 11, 2012

- Samson, Benjamin Lee Pittsburgh, PA

MASTER OF LANDSCAPE ARCHITECTURE
May 18, 2013

- Perry, Dennis George, Jr Raleigh, NC
- Wang, Dan Beijing, China

December 20, 2012

- Brooks, Douglas Joseph Flagstaff, AZ
- Cao, Wei Yangzhou, China
- Ruckman, Sara Lindsay Weyers Cave, VA

June 30, 2012

- Somers, Anthony Alexandria, VA

MASTER OF PUBLIC ADMINISTRATION

PUBLIC ADMINISTRATION/PUBLIC AFFAIRS
May 18, 2013

- Barrios, Alexis Nicole Cut Off, LA
- Dumas, Dawn Marie East Hartford, CT
- Gabbin, Donald Anthony Williamsburg, VA
- Gamble, Mike Scott Alexandria, VA
- LaLonde, Natalie Ann Bay City, MI

December 20, 2012

- Garcia, Kelvin Providence, RI
- Nagler, Andina Fairfax, VA
- Taylor, Kendel Arlington, VA

MASTER OF PUBLIC AND INTERNATIONAL AFFAIRS
May 18, 2013

- Abi Hassan Abdul Samad, Sahar Chiquinquirá Belmont, MA
- Kushner, Nicholas James Milwaukee, WI

December 20, 2012

- Bien, Kimberly Marie Sterling, VA
- Fennessy, Kelley Lynn Burke, VA

MASTER OF URBAN AND REGIONAL PLANNING
May 18, 2013

- Bokan, Gregory James Manassas, VA
- Bulka, Lauren Marie Leesburg, VA
- Bullock, Anita Cheryl Alexandria, VA
- Durant, Margaret Elizabeth Alexandria, VA
- George, Nathaniel David Leesburg, VA
- Happ, Patricia Mary Arlington, VA
- Kushner, Nicholas James Milwaukee, WI
- Maher, Timothy Dennis Fort Walton Beach, FL
- Moore, Tiffany Lee Chelsea, MA
- Saunders, Richard Lewis, III Glen Allen, VA
- Spoehr, Catherine Margaret Fairfax, VA

Steenhoek, Matthew L. Washington, DC
Wingate, Steven Burke Glen Allen, VA

December 20, 2012

Asprouda, Eirini Athens, Greece
Buck, Darren Gregory Arlington, VA

PAMPLIN COLLEGE OF BUSINESS

MASTER OF BUSINESS ADMINISTRATION

May 18, 2013

Bala, Eleni McLean, VA
Balasubramanian, Veeraswami Madras, India
Balcom, David Raymond Bristow, VA
Batchelor, Daniel Alan Charlottesville, VA
Bubser, Joseph M. Germantown, MD
Clayton, Meredith Farrell Fairfield, CT
Cronin, Jason Anthony Reston, VA
Das, Saumya Stone Ridge, VA
Dunne, Amy Sarah Sturbridge, MA
Grammo, Michael Thompson Falls, MT
Greer, Thomas Ralph, III Fairfax, VA
Hedger, Steven Stafford, VA
Ion, Adriana M. Fairfax, VA
Johnson, Jerome, II North Charleston, SC
Kirstein, Kathrine Jean Blacksburg, VA
Krewson, Richard Keith Alexandria, VA
Le, Hai Kim Centreville, VA
Mallison, William Frederick McIlhenny Washington, NC
Nichols, Carrington Leigh Roanoke, VA
Patel, Vinay Jayanti Arlington, VA
Patrick, Gregory Durham Arlington, VA
Perrigo, Mark Dwayne Chantilly, VA
Rajput, Girish T. Falls Church, VA
Ramasubramanian, Rajesh Herndon, VA
Reed, Erik Alan Sammamish, WA
Richards, Zachary State College, PA
Sivaprakasam, Vijay Anand Stone Ridge, VA
Sorensen, Dennis Oak Hill, VA
Thoms, Cheryl Reese Vienna, VA
Twilley, Richard Clark Falls Church, VA
Weber, Stephen Milo Falls Church, VA
White, David Marcus Lake Ridge, VA

December 20, 2012

De Conti, Gerson, II Manassas, VA
Gary, Keith Thomas Oak Hill, VA
Grant, Jessica Lindsay Vienna, VA
Kamath, Vaishali N. Centreville, VA
Kerr, Kevin Carlton Berkeley, CA
Kuriakose, George Chantilly, VA
Morad, Stephen Daniel Reston, VA
Petrine, Meghan Rachelle Hardy, VA
Przydzial, Robert M. Clark, NJ
Sink, Christopher Ryan Bedford, VA
Turner, Joe Wayne, Jr Vienna, VA
Yang, Ke South Riding, VA

August 11, 2012

Alexander, Stephanie C. Chantilly, VA
Chantre, Adelia Lima Falls Church, VA
Dugan, Chris T. Oakton, VA
DuRoss, William H., IV Rockville, MD
Fletcher, Brian Whitford Arlington, VA
Getch, Joseph Paul, III Fredericksburg, VA
Gilman, Joshua Walton Topsail Island, NC
Krishnan, Dinesh Ashburn, VA
Mansfield, Graig Raymond Wellington, FL
Morrison, Emily Patricia Arlington, VA
Nixon, Marcellus Falls Church, VA
Raters, William Herman Purcellville, VA
Rice, Kevin Dean Gainesville, VA

Sagi, Venkata Rama Narasimham Ashburn, VA
Sullivan, John Daniel San Diego, CA
Thompson, Michael Aaron Upper Marlboro, MD
Zaremba, Jennifer Lynn Omaha, NE

June 30, 2012

Forcade, Jonathan Brett Leesburg, VA
Irvine, Heather Morgan Stafford, VA
McCullough, Kevin Springfield, VA

COLLEGE OF ENGINEERING

MASTER OF ENGINEERING

COMPUTER ENGINEERING

May 18, 2013

Cheng, Brian Chongguan Vienna, VA

ELECTRICAL ENGINEERING

May 18, 2013

Hoffman, Jay Michael Falls Church, VA
Narayan, John Nikhil Vienna, VA
Pandya, Kruti Reston, VA

December 20, 2012

Ayers, Brandon M. Winston-Salem, NC
Freeman, Kristina Arlington, VA
Sagi, Kavya Fairfax, VA
Wojay, Paul Richard Alexandria, VA

MASTER OF ENGINEERING ADMINISTRATION

August 11, 2012

Ditko, Donald Robert Fairfax, VA
Guarino, Nickolas Phillip Brooklyn, NY

MASTER OF SCIENCE

CIVIL ENGINEERING

May 18, 2013

Costello, Ryan Patrick Chicago, IL
Dvorak, Dustin J. Cincinnati, OH
Hansen, Talmage L. Globe, AZ
Lai, Winnie Vienna, VA
Rios Vidal, Geil Eliana Trujillo, Peru
Zavaleta, Edgardo Richard Blacksburg, VA

COMPUTER ENGINEERING

May 18, 2013

Barnes, Robert Otto, II Arlington, VA
Ma, Zhongmin Herndon, VA
Rahman, Md Moshir Dhaka, Bangladesh

December 20, 2012

Hou, Xuchu Datong, China

August 11, 2012

Meng, Fan Xi'an, China

COMPUTER SCIENCE AND APPLICATIONS

May 18, 2013

Al Ramli, Nabil Samir Damascus, Syria
Buchholz, Alexander Karl Springfield, VA
Chakraborty, Aweek Ashburn, VA

Chalasani, Vijay kumar Andhra Pradesh, India
Chen, Yang Beijing, China
Patel, Devarsh K. Temple Hills, MD

December 20, 2012

Bilodeau, Gregory Peter Boston, MA

August 11, 2012

Fernandez, Daniel Rolando Fairfax, VA
Sun, Yeong Tay T. Fountain Valley, CA

June 30, 2012

Pechulis, Daniel Cavanaugh Baltimore, MD

**ELECTRICAL ENGINEERING
May 18, 2013**

Yamada, Randy Matthew Marlborough, MA

December 20, 2012

Hurt, James William Gordonsville, VA
Karra, Kiran Fairfax, VA
Kurrle, Rebecca Lynne Arlington, VA

**ENVIRONMENTAL SCIENCES AND ENGINEERING
May 18, 2013**

Crile, Patrick Manassas, VA

December 20, 2012

Klene, Laura Catherine Herndon, VA

**INDUSTRIAL AND SYSTEMS ENGINEERING
December 20, 2012**

Ambler, Nathaniel Palenaka Honolulu, HI

**SYSTEMS ENGINEERING
May 18, 2013**

Hameda Bencheqroun, Zainab Fairfax, VA

December 20, 2012

Burchell, Steele Alexander Brighton, MI
Calzadilla, Laurie San Juan, PR
Kayrish, Matthew Greco Wilkes-Barre, PA

INTERDISCIPLINARY DEGREES

**MASTER OF INFORMATION TECHNOLOGY
December 20, 2012**

Gorems, Tigest Springfield, VA
Jadhav, Sonali Kisan McLean, VA
Truong, Paul Falls Church, VA

August 11, 2012

Fogarty, Brian Thomas Arlington, VA
Hawley, Mark Sedgwick Arlington, VA

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

MASTER OF ARTS IN EDUCATION

**COUNSELOR EDUCATION
May 18, 2013**

Ashurst, Leigh Wheeler Burke, VA
Bridges, Alissa Katherine Bristow, VA
Clumpkens, Evelyn Marie Annandale, VA
Coe, Kristin Irene McGrath Haymarket, VA
Dodd, Rebecca Kristine Oakton, VA
Elkalban, Sarah Reston, VA
Harar, Andrew James Manassas, VA
Johnson, Madeline Sharee Woodbridge, VA
Kamber, Erin Lindsay Herndon, VA
Kreseski-Lisi, Patricia Jo Dumfries, VA
McAlevy, Mary Snyder Canton, OH
Richter, Emily Beth Ellicott City, MD
Slowey-Brown, Judith Maria Ashburn, VA
Taylor, Shuntina Marie Fairfax, VA
Weidman-Janak, Kimberly Ann Manheim, PA
Weisbeck, Sara Joanne Alexandria, VA

December 20, 2012

Tugg, Catherine Mary Miami, FL

**EDUCATIONAL LEADERSHIP AND POLICY STUDIES
May 18, 2013**

Conroy, Kevin Christopher Bethel Park, PA
Fisher, Beret Boone, IA
Vaughan, Jay Martin Bristow, VA

MASTER OF SCIENCE

**HUMAN DEVELOPMENT
May 18, 2013**

Borghesani, Olya Fairfax Station, VA
Cramer, Rachel Deborah Arlington, VA
Culpepper, Bonnie Courtland Roanoke, VA
Drank, Jillian Amanda Palm Coast, FL
Evans, Larissa Michelle Las Vegas, NV
Fox, Matthew R. Scarsdale, NY
Ham, Taylor Marie Alexandria, VA
Harbour, Teresa Ann Germantown, MD
Johnson, Jordan R. McLean, VA
Joseph, Sylvie Falls Church, VA
Leslie, Elizabeth Shelby, NC
Pugliese, Meghan E. Pittsford, NY
Wise, Ashley Patricia Springfield, VA

December 20, 2012

Hayward, Lauren Hill Warrenton, VA
Sughrue, Matthew Brian Arlington, VA

August 11, 2012

Lee, Lauren Kimberly Virginia Beach, VA
Miller, Jennifer Robyn Burke, VA
Morrow, Joanna Grace Santa Barbara, CA

**SCIENCE AND TECHNOLOGY STUDIES
May 18, 2013**

Bleistein, Andrea Jean Arlington, VA
Brooks, Blair Penelope Candice Rochester, NY
Cuccio, Claire Alexandria, VA
Eng, Patricia Lee Derwood, MD

December 20, 2012

Anderson, Douglas T. Ashburn, VA
Conners, Michael F. Washington, DC
Mullis, William Sterling Warrenton, VA
Noell, Heather Lynn Warren Suffolk, VA

**COLLEGE OF NATURAL RESOURCES &
ENVIRONMENT**

MASTER OF NATURAL RESOURCES

**NATURAL RESOURCES
May 18, 2013**

Allen, Joan Martinez Miami, FL
Baumann, Heath L. Blue Springs, NE
Carter, Emily Joan Lewis, IN
Chapin, Douglas Warren Reston, VA
Chapman, Robert Patrick Jonesborough, TN
Cook, Christopher Hale Arlington, VA
Dahal, Om Prakash Vienna, VA
Dufraigne, Caitlin Elise Greenfield, MA
Hu, Yang Guilin, China
Knoll, Jill Riedl Atlanta, GA
Lavinder, Thomas William Marietta, GA
Lichty, Jarrod Maynard Leesburg, VA
Liston, Darin Michael Arlington, VA
Man, Katherine Olivia Arlington, VA
Mattingly, Stephen Kelly Blacksburg, VA
Milchak, Brian Alexander Hicks Clifton, VA
Pasa, Mireya Dino Reston, VA
Pearce, Monica Leigh Arlington, VA
Ross, Jessica Ann Athens, GA
Ruffer, Eric Michael Ashburn, VA
Somerville, Michael La Mar Cleveland, OH
Streagle, Andrew Eugene Silver Spring, MD
Vega-Candelario, Raiza Margarita Montclair, VA

December 20, 2012

Baima, Anastasia Lynn Waltham, MA
Huemoeller, Lorien Koontz Danville, VA

Moorer, Richard McVeary Rockville, MD
Tate, Adam Levine Roanoke, VA
Verweij, Vincent Willem Enschede, Netherlands

August 11, 2012

Battle, Lars Alexander Alexandria, VA
Fowler, Holly Elaine Sterling, VA
Motley, William Thomas Mocksville, NC
Romulo, Chelsie Louise Chico, CA

GRADUATE CERTIFICATE

**LOCAL GOVERNMENT MANAGEMENT
December 20, 2012**

Brock, Barbara Herndon, VA
Hamud, Abdirazak M. Herndon, VA

**NATURAL RESOURCES
May 18, 2013**

Granado, Jason Anthony Fort Lauderdale, FL

**SECURITY STUDIES
August 11, 2012**

Courtis, John Thomas Alexandria, VA

**TECHNOLOGY MANAGEMENT
August 11, 2012**

Frevert, Carlos J. Merrillville, IN

December 20, 2012

Ha, Yvonne Ami-Quy Falls Church, VA
LoCascio, Ellen G. Centreville, VA

**TRANSPORTATION SYSTEMS ENGINEERING
December 20, 2012**

Barua, Koushik Falls Church, VA

THE ACADEMIC PROCESSION

The following information, digested from “An Academic Costume Code and Ceremony Guide” prepared by the American Council on Education, may prove helpful in identifying the costumes you will see in the Commencement Procession.

When American colleges and universities desired to adopt some suitable system of academic apparel many years ago, a conference held at Columbia University in 1895, made up of representatives from various institutions, drew up a “By-Law Regulation, or Statute” for the establishment of a suitable code of academic dress for colleges and universities in the United States. This code, with modifications made in 1959, is still in force; the costumes and colors, trimmings, and patterns you will see are all traditional and interpret both degree and the field of learning. The bachelor’s gown, designed to be worn closed, has pointed sleeves; the master’s gown, which may be worn open or closed, has an oblong sleeve open at the wrist which hangs down in traditional manner. The rear part of its oblong shape is square cut and the front part has the arc cut away. The doctor’s gown has bell-shaped sleeves. It may be worn open or closed. Bachelor’s and master’s gowns are untrimmed. Doctor’s gowns are faced with black velvet with three bars across the sleeves; or the color of velvet may be that which is distinctive of the degree, agreeing with that of the edging of the hood. The colors you will see in the hoods and gowns of our faculty represent the various fields in which the degrees were taken. A few are:

Accountancy, Commerce,	
Business.....	Drab (Yellow-Brown)
Agriculture.....	Maize (Pale Yellow)
Architecture.....	Blue-Violet (Purple)
Arts, Letters, Humanities	White
Economics.....	Copper
Education	Light Blue
Engineering.....	Orange
Natural Resources.....	Russet (Rust)
Philosophy.....	Dark Blue
Veterinary Medicine.....	Gray
Science.....	Bright Gold (Golden Yellow)

The hoods, differing in length for the three degrees, (bachelor’s, master’s, and doctor’s) are lined with the official colors of the university or college conferring the degree, usually with one color forming a chevron pattern over the other (for example, orange and maroon for Virginia Polytechnic Institute and State University). Hoods are edged and bound with velvet of the color appropriate for the degree. You will see in our procession many edged with dark blue, for doctor of philosophy. Mortarboards are the approved headgear. The tassel, worn on the left side of the cap, may be of gold if the holder has a doctor’s degree. Among the bachelor’s candidates, honor students are distinguished by special sashes in white.

VIRGINIA TECH



CLASS OF 2013 LEADERSHIP

Motto

“Always Excel, Always Overcome,
Always Succeed”

Class of 2013 Officers

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Vice President	Dustin Dorph
Secretary	YuYu Schatz
Treasurer	Michael Brannigan
Historian	Emma Stafford
Cadet Member-At-Large	Ian Newell
Female Member-At-Large	Alex Caracciolo
Male Member-At-Large	Ryan Sutton

UNDERGRADUATE DEGREES

COLLEGE OF AGRICULTURE AND LIFE SCIENCES Dean Alan L. Grant

BACHELOR OF SCIENCE

AGRIBUSINESS

Balderson, Blake Thomas	Tappahannock, VA
**Davis, Trevor Wayne	Rural Retreat, VA
Illig, Caroline Christina	Ashburn, VA
Johnson, Hunter Nester	Danville, VA
Jones, Allison Whitney	Street, MD
***King, Cory Talbot	Harrisonburg, VA
*King, Emily Anne	Suffolk, VA
Miller, Andrew Devin	Bassett, VA
Monk, Brandon Hardy	Winchester, VA
Moring, Brittany Jo	Prince George, VA
*Perlik, William Wainwright	Charlotte, NC
Ray, Caitlin Nicole	Springfield, VA
***Roten, Jocelyn Kelly	Mouth of Wilson, VA
Rothrock, David Walker	Virginia Beach, VA
Samuels, Joel B	Warwick, NY
Sapp, Alexa Morgan	Milford, DE
Sheehan, Nicholas J	Round Hill, VA
Surotchak, John Warren	Philomont, VA

AGRICULTURAL SCIENCES

Blackburn, Katelyn Melody	Newport, VA
Bowie, Daniel Corbin	Bowling Green, VA
Edwards, Lara Lee	New Castle, VA
Hathaway, Marc Nathaniel	Chesapeake, VA
Hicks, Elizabeth Nichole	Gretna, VA
Houff, Nathaniel Chappell	Weyers Cave, VA
Kreuziger, Rebecca Suzanne	Madison Heights, VA
**Lee, Yi Lin	Kuantan, Malaysia
*Poole, Hannah Elizabeth	Blue Ridge, VA
Scully, Sabine Christine	New York, NY
**Sowers, Shasta Rae	Floyd, VA
Stinard, Nicole Marie	Virginia Beach, VA
Trammell, Elizabeth Kate	Wylliesburg, VA
Ullrich, Jordan Elizabeth	South Riding, VA
Wakeman, Paul Zachary	Toms Brook, VA
Xenakis, John Vincent	Suffolk, VA

ANIMAL AND POULTRY SCIENCES

Abraham, Whitney Larkin	Blacksburg, VA
**Ames, Jackson Taylor	Mechanicsville, VA
**Amos, Katherine Christine	Smithfield, VA
Barskey, Cara Nicole	Warrington, PA
*Basala, Katelynn Elizabeth	Nokesville, VA
Berry, Kelsey McCarty	Palmyra, VA
Biggs, Morgan Eleanore	Reston, VA
Booth, Elizabeth Nicole	Amisville, VA
Boott, Elizabeth Jennings	Vienna, VA
Broadway, Amanda Kathryn	Woodford, VA
**Brooks, Sabrina Nicole	Hampton, VA
Bruce, Stephanie Meghan	Forest, VA
Bryant, Krista Lee	Chesapeake, VA
Cheng, Gloria Yau	Virginia Beach, VA
**ΦCheng, Hannah Shin	Mount Jackson, VA
Collett, Julia Rae	Stephenson, VA
Cook, Samuel Garrett	Meadowview, VA
Corcoran, Christine Elizabeth	Blacksburg, VA
***Cox, Victoria Meagan	Chatham, VA

**Dalton, Bradley David	Harrisonburg, VA
Davies, Margaret Rhiannon	Yorktown, VA
Denale, Alexandra Auburne	Bluemont, VA
Dixon, Samantha Aubrey	Sykesville, MD
Dombrowe, Danielle Rebecca	Crozet, VA
Donaggio, Jennifer Maria	Warrenton, VA
Durastanti, Adriana Maria	Baltimore, MD
Ellington, Dana Lynn	Ripplemead, VA
Estes, Kari Ann	Dayton, MD
Fanton, Laura Lee	Orange, VA
**Felts, Shawnee Louise	Pulaski, VA
Flint, Caitlin Marie	McLean, VA
Gastrock, Kaitlin Marie	Mechanicsville, VA
Gates, Alumbria Riniel	Marion, VA
*Glagola, Alexandra Ruth	Yorktown, VA
Gould, Eleanor Warren	Baltimore, MD
Gravitte, Elizabeth Madison	Chester, VA
Homyk, Alyssa Lynn	Oak Hill, VA
Howe, Katherine Michelle	Herndon, VA
**Huffman, Katie Logan	Goochland, VA
Jefferies, Emma Leigh	Natural Bridge, VA
***Jeter, Margaret-Katherine Cohoon-Holland	Quinton, VA
Johnson, Kelsey Rae	Damascus, VA
Keith, Jessi Correnia	Vesta, VA
*Kirschnick, Kelsey Harrison	Charlottesville, VA
Lamotte, Emily Harrison	Midlothian, VA
Littleton, Amber Nicole	Salisbury, MD
Londrey, Matthew Gregg	Richmond, VA
Mabry, Kori Dawn	Foster Falls, VA
Manden, Kerryn Leigh	Midlothian, VA
McCann, Zachary Morgan	Newport, VA
McClelland, Caitlin Ann	Stafford, VA
**McIntyre, Colleen Rebecca	Germantown, MD
Morris, Jody Leigh	Harrisonburg, VA
Morris, Rachel Ashleigh	Stafford, VA
Naramore, Rebecca Michelle	Springfield, VA
Neil, Scott Joseph	McDowell, VA
Osterman, Jennifer Renee	Potomac, MD
Park, Ju Me	Fairfax, VA
**ΦPark, Karen Min-Jee	Fairfax, VA
*Patterson, Bly Addison	Grottoes, VA
*Peacock, Krissy Elizabeth	Haymarket, VA
Petrone, Rosalie Catherine	Virginia Beach, VA
Pungitore, Nicole L	Murrysville, PA
Ray, Caitlin Nicole	Springfield, VA
Rice, Rachel Lauren	Fredericksburg, VA
Ross, Lauren Renee	Woodstock, VA
***ΦRosser, Amber Leigh	Lynchburg, VA
Rowe, Heather Katelyn	Chesterfield, VA
**Rutter, Jaime Kristen	Hanover, PA
Samuelson, Joseph David, Jr.	Centreville, VA
Saunders, Matthew Hersey	Roseland, VA
**Scott, Taylor Leighton Ryan	Altavista, VA
*Shatt, James Randall	Glen Burnie, MD
*Sheehan, Lauren Marie	Ringwood, NJ
*Sherer, Justine Haley	Manalapan, NJ
Slaughter, Kathryn Margaret	Lexington, NC
*Spangler, Wesley Langhorne	Goode, VA
Spillane, Colette Marie	Pittsburgh, PA
Survello, Ashlea Marie	Chesterfield, VA
Tadrick, Tonia Natasha	Vernon, NJ
Teter, Andrea Dawn	Gloucester, VA
***Trexler, Brittany Lynn	Leonardtown, MD
Vaughan, Christina Carol	Bumpass, VA
**Walski, Courtney Michele	Chesapeake, VA
***Watson, Taylor Lenore	Montpelier, VA
***ΦWeatherman, Mary Elizabeth Grace	Roanoke, VA
Wheaton, Marilyn Margaret	Chapel Hill, NC
**Wray, Sarah Lindsay	Silver Spring, MD

APPLIED ECONOMIC MANAGEMENT

Agabani, Zeinab Faroug Annandale, VA
 Basciano, Nicholas Joseph Randolph, NJ
 Brown, Timothy Alan Washington, DC
 Culver, Drew Michael Rockville, MD
 Davis, Bradley Kyle Davidson, NC
 Davis, Nathan Wayne Arnold, MD
 Desai, Komil Pulkit Lorton, VA
 Edwards, Justin Bradley Cana, VA
 Engel, Casey William Hanover, VA
 Frederick, Christopher Machens Charlotte, NC
 Johnson, William Michael Reston, VA
 Maitland, Charlotte Alberta Culpeper, VA
 Malizia, Anthony Patrick State College, PA
 ***ΔMovafaghi, Olivia Shahrzad Hollis, NH
 Mulcahy, Catherine Eleanor Alexandria, VA
 Renner, Sarah Elizabeth Franktown, VA
 Rohani-Shukla, Anush Richmond, VA
 Willard, Virgil Victor III High Point, NC
 Wills, Byron II Manassas, VA

BIOCHEMISTRY

Allen, Caryn Marie Richmond, VA
 *Ambroz, Eric James Blacksburg, VA
 Anapur, Veronica S Reston, VA
 *Atienza, Johnver Banal Rocky Mount, VA
 Ayala, Alberto Francisco Falls Church, VA
 Baptiste, Stephanie Elizabeth Christiansburg, VA
 ***ΦBarford, Kelly Ann Essex Junction, VT
 Batoy, Allyson Gretel Springfield, VA
 *Brigman, Hunter Van Chantilly, VA
 ***ΦBugas, Matthew Charles Hot Springs, VA
 *Cauley, Edmund Savoie Falls Church, VA
 **Cecil, Michael D Centreville, VA
 Chaekal, Tong Chun Chesapeake, VA
 *Dooley, Kristie Ann Forest, VA
 **ΦDowning, Jerelle Timothy Chesapeake, VA
 Faggion, Matthew Robert Nampa, ID
 Fontaine, Daniel Thomas Pasadena, MD
 Gerben, Stacey Ruth Williamsburg, VA
 **Gotsell, Lauren Mary Reading, MA
 Gusler, Chelsea Nicole Dublin, VA
 **Gwak, Do Young Vienna, VA
 ***ΔHayes, Jasmine Marie Ashburn, VA
 Huck, Christopher Herron Pittsgrove, NJ
 Jones, Landon Boe Blacksburg, VA
 Kebede, Eskedar Sterling, VA
 Kelly, Brian John New Albany, OH
 *Kennedy, Matthew Leo Chesterfield, MI
 Kim, Sharon Minji Gaithersburg, MD
 *Laidlaw, Joseph Thomas Virginia Beach, VA
 Leath, Alexander Jake Richmond, VA
 Lee, Eun Hyun Centreville, VA
 Leib, Tyler Watson Newport News, VA
 Liles, Alexander Cameron Newport News, VA
 Lonkar, Adwait Arun Clifton, VA
 *Mahoney, Michelle Ann Haymarket, VA
 Milan, Laura Elise Roanoke, VA
 Negash, Elsa Arlington, VA
 **Nguyen, Diep Minh Ngoc Blacksburg, VA
 Proctor, Jeffrey Barton Blacksburg, VA
 Rahimi, Mujtaba Woodbridge, VA
 *Redifer, Kaila Craig Churchville, VA
 Rodriguez, Pedro John Woodbridge, VA
 Santiago, Mario Luis, Jr Virginia Beach, VA
 ***Smith, Abigail Christine Ijamsville, MD
 Sparrer, Tavis Howard Gloucester, VA
 **Stallard, Katie Loren Pound, VA
 Stawicki, Lawrence Paul, Jr Matthews, NC
 *Tatman, Emily Kay Sterling, VA
 *Thompson, Marcy Alexandra Charlotte, NC

*Vilhauer, Laura Anne Alexandria, VA
 **Wade, Kathryn Elizabeth Drakes Branch, VA
 *Walker, Julie Elizabeth Glen Allen, VA
 Walsh, Victoria Lynn Charlottesville, VA
 White-Gaebe, Kathleen Jean Blacksburg, VA
 **Withers, Lauren Allyssa Leesburg, VA
 Wright, Daniel Gregor Upper Heyford, United Kingdom
 ***Young, Elizabeth Ann Christiansburg, VA

CROP AND SOIL ENVIRONMENTAL SCIENCES

Ballard, Robert Wright Danville, VA
 Bennett, Dalton Grey Red House, VA
 Boyle, Ryan Gregory Mechanicsville, VA
 Cox, Charles Raymond Prince Frederick, MD
 Gardner, Austin James Round Hill, VA
 Heizer, Jacob David Greenville, VA
 ***Lyons, Stephen Hayden Richlands, VA
 Polera, Nicholas John Centreville, VA
 Steele, Kevin Arthur Winchester, VA
 Webb, Wayne Thomas, Jr Center Cross, VA
 *Willgruber, Holly Lynn Palmyra, VA
 *Williams, Benjamin James Greenville, VA

DAIRY SCIENCE

Bachmann, Peter Owen Fallston, MD
 *Boyd, Tyler Lee Parrottsville, TN
 Carroll, Patrick Alan Chatham, VA
 Clark, Danielle Marie Gasport, NY
 Davis, Alli Ruth Philadelphia, TN
 *Doody, Carissa Gail Union Bridge, MD
 ***ΦGalligan, Thomas Matthew Annapolis, MD
 **Hammock, Isaac Nathan Gretna, VA
 Hash, Kody Max Elk Creek, VA
 *Holdridge, Julie Anne Sykesville, MD
 Huffard, James Schultz IV Crockett, VA
 Martin, Ashley Mariah Gorham, ME
 Pearson, John Cody Millbury, MA
 Salmeron, Rebeca Catalina Silver Spring, MD
 Schwartzbeck, Austin Edgar Union Bridge, MD
 Shoemaker, Laura Eleanor Columbia, MD
 *Smith, Kelsey Camille Paris, TN
 Sumners, Elizabeth Glaphrey Paris, TN
 Tanner, Emily Suzanne Eldersburg, MD
 ***Trexler, Brittany Lynn Leonardtown, MD
 **Williams, Sarah Elizabeth Glen Burnie, MD

ENVIRONMENTAL SCIENCE

Bakirtjy, Dana Clare Kaese New York, NY
 Bauman, Scott McClain Morris Plains, NJ
 Condon, Mark Wilton, CT
 Dix, Stephen Christopher Chagrin Falls, OH
 Gaasch, Kathryn Danielle Ellicott City, MD
 Gorman, Emily Rae Glen Allen, VA
 Law, Lucie Rebecca Abingdon, VA
 Linton, James Rexford Singapore
 Lloyd, Jason Edward Midland, VA
 Mattingly, Jacqueline Elizabeth Christiansburg, VA
 McGaughy, Jacob Alexander Ashburn, VA
 Medders, Matthew James Greenville, SC
 Nebergall, Reid Gilbert Sterling, VA
 Parker, Lana Lynn St. Petersburg, FL
 **Ribelin, Joshua Thomas Grottoes, VA
 Schmitthenner, Hillary Forsyth Blacksburg, VA
 Tambone, Christiana Maria Williamsburg, VA
 Taylor, Devon Lee Sterling, VA
 Thomas, Rachel Kaye Richmond, VA
 **Watson, Benjamin Ingersoll Richmond, VA

FOOD SCIENCE AND TECHNOLOGY

Ameerally, Angelique Danielle	Charlotte, NC
Aung, Thet Me Me	Herndon, VA
Barlow, Derek Thayer	Damascus, VA
Bowen, Elyssa Ruth	Pittsburgh, PA
Cala, Anna Rose	Alexandria, VA
Choi, Moonyoung	Vienna, VA
*Cooper, Samantha Leigh	Alexandria, VA
Driver, Brett Wise	Salem, VA
Harrison, Zacharey Ryan	Virginia Beach, VA
**ΦHintermeister, Clara Alyssa	Oakton, VA
Hunt, Samantha Suzette	Pulaski, VA
Kienzle-Pappalardo, Adam Joseph	Greensburg, PA
Lee, Michelle Mala	Centreville, VA
***Limbaugh, Melissa Dawn	Glen Allen, VA
Linville, Tori Nicole	Richmond, VA
Luning, Kari Lynn	Richmond, VA
**McIntire, Julie Michelle	Potomac Falls, VA
Moore, Brandon Eugene	Blacksburg, VA
Moskowitz, Mark Aaron	Herndon, VA
Noel, Chase Taylor	Virginia Beach, VA
Onumah, Nneka Jasmine	Danville, VA
Pisieczko, Allison Nicole	Lansdale, PA
Potter, Joseph Alexander	Richmond, VA
*Pov, Brandon Michael	Ridgeway, VA
*Rose, Ashley Nicole	Chesapeake, VA
Royston, Elizabeth Marie	Shamong, NJ
*Torti, Michael Jack	Downingtown, PA
Walters, Nathan Morgan	Wytheville, VA
Wright, Daniel Gregor	Upper Heyford, United Kingdom

HUMAN NUTRITION, FOODS AND EXERCISE

***ΦAbbott, Sarah Elizabeth	Blacksburg, VA
Abell, Jennifer Ann	Sterling, VA
Adams, Jonathan Wesley	Ashland, VA
Adams, Leah Evelyn	Fort Valley, VA
***ΔAndersen, Victoria Leigh	Waynesboro, VA
**Anninos, Melissa Marie	Yorktown, VA
Baker, Lauren Elizabeth	Richmond, VA
Barba, Casey Lee	Wilmington, DE
*Basham, Kenneth Allen III	Roanoke, VA
Baul, Jesseth Calubaquib	Chesapeake, VA
Beach, Katy Anne	Norfolk, VA
*Bekele, Kaleb	Chesterfield, VA
**Benson, Mccauley Elizabeth	Herndon, VA
Benton, Brittany Leigh	Salisbury, MD
Berrang, Kristin Nicole	Waynesboro, VA
Billeter, Casey Harrison	Mechanicsville, VA
Blatt, Katherine Elizabeth	Harrisonburg, VA
**Blue, Kirsten Leigh	Geneva, FL
*Boyle, Timothy James	Reston, VA
Bratton, Paul Alexander	Bedford, VA
***♦Brigle, Jennifer Kay	Richmond, VA
***ΦBrooks, Renae Michele	Forest, VA
Brown, Caitlin Michelle	Winston-Salem, NC
Burton, Andrew Stender	Roanoke, VA
Burton, Lindsey Katherine	Roanoke, VA
Canales, Alyssa Shina	Cloverdale, VA
**Carlson, Abigail Christine	Marriottsville, MD
*Carr, Kelsey Marie	Yorktown, VA
Carroll, Erin Elizabeth	Chantilly, VA
Cate, Audrey Jane	Alexandria, VA
Cederle, Victoria Jude	Leesburg, VA
Chaney, Erin Nicole	Chesterfield, VA
Chitwood, Brittney Nicole	Ridgeway, VA
*Choi, Susie B	Fairfax, VA
Chung, Yueh Ru	Burke, VA
Clark, Daniel Scott	Disputanta, VA
Coleman, Susannah Joy	Richmond, VA
Conley, Megan Deane	Knoxville, TN
Connell, Jackson Colville	Lynchburg, VA

***Connifey, Alyssa McLane	Richmond, VA
Cook, Elizabeth Nicole	Virginia Beach, VA
Davis, Rachel Michele	Hampton, VA
Deacon, Deidre Leigh	Staunton, VA
*Deangelis, Kristen Elizabeth	Marshfield, MA
***ΦDecina, Kathleen Frances	Springfield, VA
**Delaney, Eva Milne	Roanoke, VA
*Delmerico, Paula Elizabeth	Winchester, VA
*Deltoro, Ryan Moises	Springfield, VA
*Dennis, Jessica Kelly	Fairfax, VA
Dewitt, Cameron Jade	Forest, VA
Di Silvio, Cara Elizabeth	Fairfax, VA
Dickerson, Ethan Lewis	Christiansburg, VA
***DiPaolo, Danielle Haley	Woodbridge, VA
***ΔDonnelly, Sarah Rebecca	Radford, VA
**Donvito, Natalie Alyssa	Williamsburg, VA
**Dow, Samantha Elizabeth	Midlothian, VA
***Dowell, Russell Wayne	Chesapeake, VA
Dumadag, Anne Lorraine Cabarrubias	Virginia Beach, VA
Duncan, Shane Michael	Riner, VA
Durham, Kathryn Lynne	Covington, VA
**Eklund, Matthew Derek	McLean, VA
Emanuele, Elise Catherine	Bethel Park, PA
*Emeigh, Cody Jonathan	Stafford, VA
*Engle, Katarina Margaretha	Vienna, VA
**Evans, Lauren Murphy	Hampstead, MD
Flinchum, Cassandra Elaine	Pulaski, VA
*Forman, Abby Helene	Blacksburg, VA
**Forrester, John Philip	Little Silver, NJ
Foster, Joshua Dow	Suffolk, VA
Garrett, Mykenzie Christine	Winchester, VA
*Grubic, Brandon William	Reston, VA
*Gwaltney, Brett Nichole	Windsor, VA
Hagen, Ryan Timothy	Sterling, VA
Hallgarth, Hannah Camille	Bel Air, MD
Hamel, Benoit-Jacques Marcel	Blacksburg, VA
**Hanby, Sarah Elizabeth	Ashburn, VA
Harris, Rachael Celeste	Mechanicsville, VA
Harrison, Natalie Jane	Virginia Beach, VA
**Harvey, Faith Colleen	Richmond, VA
**Hube, Jason Colin	Blacksburg, VA
Hughes, Jennifer Megan	Tinton Falls, NJ
*Hurst, Steelie Rae	Frederick, MD
Huynh, Hoa Hanh	Roanoke, VA
Ishihara, Sarah Ann	Marion, VA
***Jarosz, Mary Elizabeth Farrell	Vienna, VA
Johnson, Molly Elizabeth	Ashland, VA
Johnson, Nathaniel David	Lynchburg, VA
Jordan, Megan Marie	Mechanicsville, VA
Kamal, Maha Uzma	Sugar Land, TX
*Kanney, Chadwick Meagan Breeden	Ashland, VA
Kegley, Sarah Breanne	Abingdon, VA
**ΔKiefer, James Alexander	Reston, VA
Kim, Jin Young	Centreville, VA
Kimbro, Stephanie Kristine	Kernersville, NC
*King, Casey Michelle	Yorktown, VA
***King, Jessica	Sparks, MD
***Kirven, Kaylea Alexa	Glen Allen, VA
***Kirven, Kelsea Ashlin	Glen Allen, VA
Klein, Ann Shelby	Salem, VA
***†Knepper, Erin Margaret	Moon Township, PA
**Kuhn, Brooke Marie	Baltimore, MD
**Kurlak, Emily Ovenshine	Pittsburgh, PA
***Lauten, Emily Martha	Marietta, GA
Layton, Kendall Brooke	Goochland, VA
Leet, Rebecca Whitney	Eggleston, VA
Leister, Emily Everhart	Richmond, VA
***Licher, Maria Jean	Blacksburg, VA
*Lineberry, Erik Blake	Forest, VA
**ΦLittle, Jana Kelsey	Chesapeake, VA
*Lopynski, Erin Elise	Clifton, VA
Lotfabadi, Ashley Ramirez	Burke, VA
**MacDonald, Taylor Ray	Chesapeake, VA

*Magoffin, Kelly Marie Leesburg, VA
 Marshall, Michelle Lynne Hamilton, NJ
 Matusiewicz, Elizabeth Anne Woodbridge, VA
 *McConville, Grace Elizabeth Springfield, VA
 *McCrane, Erin Lee Virginia Beach, VA
 *McDermott, Megan Rose Chesterfield, VA
 **McDonald, Elisabeth Anne Fairfax Station, VA
 Medlin, Mackensy Ryan Fairfax Station, VA
 *Meehan, Stephanie Marie Springfield, PA
 Meranda, Jenna Christine Haymarket, VA
 *Miller, Ella Katherine Newbill Washington, VA
 *Mochary, Lily Rose Richmond, VA
 **Montalbano, Lisa A Leland, NC
 *Moshopoulos, Anastasia Evangelia Annandale, VA
 ***Munn, Cameron Beth Chesapeake, VA
 Murphy, Kelly Erin Vienna, VA
 Musser, Elizabeth Martha Wallburg, NC
 **O'Connor, Eileen Frances Springfield, VA
 Owata, Kayla Danielle Yorktown, VA
 Pappas, Steven Pahl Troutville, VA
 Parrillo, Emily Rose Burke, VA
 ***Park, Cynthia Centerville, VA
 Parks, Carol Anne Fredericksburg, VA
 Patel, Dhvani U Suffolk, VA
 Payne, Carolyn Joyce Poquoson, VA
 Peacock, Stephanie Elizabeth Manassas, VA
 *Phillips, Alfred Mann III Mechanicsville, VA
 *Pilog, Christopher James Winchester, VA
 *Pinder, Reginald Samuel II Stafford, VA
 Ponce, Gabriela Vienna, VA
 Ponton, Benjamin Thomas Lovingston, VA
 **Powell, Alicia Kristen Salem, VA
 *Powell, Whitney Michelle Brodnax, VA
 Powers, Candace Brittany Vienna, VA
 *Preib, Madison Taylor Huntersville, NC
 *Proumen, Adrian Christopher Virginia Beach, VA
 ***Pruett-Tatum, Kristen Leigh Ridgeway, VA
 ***Prybylowski, Mary Elizabeth Ballston Lake, NY
 Puckett, Virginia E Abingdon, VA
 **Rainie, Clayton Steven McLean, VA
 Ratliff, Shelbi Kaye Ashburn, VA
 Rockafellow, Julie Carol West Chester, PA
 **Rodden, Gregory Robert Potomac, MD
 *Rose, Jessika Anna Unionville, PA
 *Rotsko, Diana Grace Saratoga, CA
 *Russell, Chloe Virginia Beach, VA
 Sarlo, Caitlin Elizabeth Midlothian, VA
 Savage, Heather Nicole Canandaigua, NY
 Schaible, Mary Kathryn Tinton Falls, NJ
 Schrider, Laurie Anne Moseley, VA
 Schwegman, Brach Henry Cincinnati, OH
 **Scott, Korre Lee Ferrum, VA
 ***Semonones, Michaela Nichole Roanoke, VA
 *Shelton, Mackenzie Grace Ringgold, VA
 Sholes, Michael Benjamin Johnson City, TN
 Singh, Reema Kaur Lorton, VA
 *Singh, Vivek Yorktown, VA
 Sista, Swapna Leesburg, VA
 Skipper, Adam Paul Yorktown, VA
 Smucker, Steven Christopher Sterling, VA
 **Smyth, Rebekah Carter Charleston, SC
 **Song, June Centerville, VA
 *Spangler, Wesley Langhorne Goode, VA
 Stacy, Rachel Leigh Bluefield, VA
 *Stanley, James Spencer Richmond, VA
 ***Stanski, Rebecca Whitehouse Station, NJ
 Stanziano, Katrina Nicolle Ashburn, VA
 **Stiles, Alexandra Brooke Blue Ridge, VA
 *Stryker, Molly Elizabeth Bel Air, MD
 Sturgill, Danielle Michelle Marion, VA
 ***Sutherland, Aimee Beth California, MD
 Throckmorton, Hillary Noel Richmond, VA
 ***Topolski, Lauren Marie Chandler, AZ

***Trinchere, Elizabeth Ann Salem, VA
 *Tubbs, Marietta Grace Midlothian, VA
 **Twig, Elaine Blakey Falls Church, VA
 Vacher, Sarah Michelle Virginia Beach, VA
 ***Valdez, Travis Wade Norfolk, VA
 *Valero, Christina Amelia Manassas, VA
 Vaughan, Sallie Kirkland Lawrenceville, VA
 Villanueva, Luis Fernando Lima, Peru
 Walton, Taylor Clay Front Royal, VA
 Webb, Jamie Lauren Galax, VA
 ***Wilburn, Grace Alexandra Roanoke, VA
 †Wilkins, Amanda Michelle Chesapeake, VA
 **Willson, Catherine Lee Chesterfield, VA
 ***Yoon, Joshua Seung-Bin Burke, VA
 Young, James Price, Jr Mount Crawford, VA

BACHELOR OF SCIENCE IN HORTICULTURE

ENVIRONMENTAL HORTICULTURE

**Benhase, Elise Brianna Fredericksburg, VA
 **Brugler, Dustin Dwayne New Hope, VA
 *Elliott, Katie Rae Bluemont, VA
 Gusler, Chelsea Nicole Dublin, VA
 **Harder, Benjamin France Blacksburg, VA
 ***Knight, Charles William III Nokesville, VA
 Nelson, Brittaney Elaine Linville, VA
 Purgason, Kristin Amanda Stafford, VA
 Reynolds, Carly Leanna Blacksburg, VA
 ***Shreckhise, Jacob Hamilton Grottoes, VA
 Sonifrank, Elizabeth Lauren Culpeper, VA

LANDSCAPE CONTRACTING

Chance, Jacob Stephen Woodstock, VA
 Galle, Thomas Anthony Chesapeake, VA
 Harm, Ned Alexander Martinsville, VA
 Koffman, Andrew Whitmore Fincastle, VA
 Lofton, Michelle Ann Berryville, VA
 Williams, Garrett Alan Woodbridge, VA

ASSOCIATE OF AGRICULTURE

AGRICULTURAL TECHNOLOGY

OPTION-APPLIED AGRICULTURAL MANAGEMENT

***Alley, Daniel Graylen New Castle, VA
 *Berry, Kelly Rebecca Rhoadesville, VA
 Childress, John Hunter Fredericksburg, VA
 Coggin, Christopher Winston North Garden, VA
 *Ennis, Herbert Bradley IV Locust Grove, VA
 Fensom, Maria L Powhatan, VA
 Fuller, Kelsey Ingrid Blacksburg, VA
 *Gregory, Stephen Lee II Chilhowie, VA
 Harris, Gwendolyn Rader Christiansburg, VA
 Harrison, Christopher Michael Madison, VA
 ***Henley, Thomas Nathan Manakin-Sabot, VA
 Hipkins, Perry Brennan Newport, VA
 Jackson, Marcus Andrew Abingdon, VA
 Johnson, David Nathanael Greenwood, VA
 *Koontz, Jacob Cole Orange, VA
 ***Lawrence, Matthew Tyler Stanley, VA
 Martin, Logan Marcell Pearisburg, VA
 McLaughlin, Lee Edward Goochland, VA
 Patterson, Jason Allen Bridgewater, VA
 Pittman, Wilmer Ryan Courtland, VA
 ***Proffitt, Jonathan David Earlysville, VA
 Ruebush, Erik Scott Verona, VA
 Scott, Christopher Thomas Danville, VA
 Smith, Kraig William Catlett, VA
 Sterling, David Michael Middleburg, VA

Sutphin, Peter Winston Richmond, VA
 *Tabor, Thomas Edward V Dublin, VA
 Taylor, Nichole Alyce Staunton, VA
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Goodwin, Michael McAllester Annandale, VA
Graves, Sara-Margaret Madison, VA
Gray, Andrew Lee Springfield, VA
Grazhdani, Agon Prishtina, Kosovo
Guzman, Adriana Isabel Atlanta, GA
Halsey, Kevin Craig Herndon, VA
Hamblen, Andrew Kenyon Vienna, VA
*Hamele, Kevin Michael Virginia Beach, VA
He, Naiji Gaithersburg, MD
Hem, Santana Springfield, VA
Hendrix, Andrew Wyatt Richmond, VA
**Heye, Nick A Centreville, VA
*Hilburn, Gavin Nolan Oakton, VA
**Hockenberry, Britt Edward Midlothian, VA
Hoffner, Matthew David Franklin, TN
*Holbrook, Keith Napier Charlotte, NC
***Hsu, Johanna Lynn Great Falls, VA
**ΦHummel, Dana Nicole Fairfax, VA
Johnston, Ryan Douglas Reston, VA
Jones, Ashley Marie Baltimore, MD
Jones, Stephanie Ann Chantilly, VA
***Jones, William Matthew Blacksburg, VA
Kelly, Megan Nicole Christiansburg, VA
Khera, Nikhil Alexandria, VA
Kim, Hannah Sun Oak Hill, VA
Kim, Joan I Fairfax, VA
Kitts, Charles Walter, Jr. Lynchburg, VA
*Kizer, Sarah Elizabeth Blacksburg, VA
Klam, Anthony Joseph Fairfax, VA
Klaus, Rebecca Boothby Sterling, VA
Kolta, Michael Magdy Fairfax, VA
Kroeger, Russell Garrison Blacksburg, VA
***Kronenberg, Stefan Leesburg, VA
**ΦLane, Chelsea Durant Burke, VA
Leddy, Bryan Patrick Basking Ridge, NJ
Ledesma, Alexandria McLean, VA
**Lee, Tommy Centreville, VA
Lester, Collin Kelly Kyle Burke, VA
Liao, He McLean, VA
*ΦLibby, William Edward Vienna, VA
Luceri, Christopher Lawrence Downingtown, PA
Lyon, Wesley Walden, Jr. Ashburn, VA
MacArthur, Kate Bridget Hayes, VA

Magee, Collin William Dumfries, VA
Marr, Johnston Stockett Hume, VA
**Marrone, Benjamin Keith Huntersville, NC
Mazumdar, Monica Brena Arlington, VA
McCarrroll, Julia Anne Ashburn, VA
McCombie, Ryan Bruce Fredericksburg, VA
Meredith, Jacob Michael Salem, VA
***Metcalfe, Ashley Elizabeth Williamsburg, VA
***ΔMichaels, Thorne Whiteside Charlottesville, VA
Miller, Clinton James Allentown, PA
*Miller, William Dawson Richmond, VA
*Mizak, Jared Kenneth Mechanicsburg, PA
Montgomery, Wilkins Campbell Mt. Wolf, PA
***Moreno, Eileen Kay Javier Springfield, VA
Mossadeghi, Eman S. Great Falls, VA
***Mott, Robert Andrew Sterling, VA
**Moukarzel, Jude Jason Beirut, Lebanon
Muldoon, Michael Stephen Annandale, VA
*Mundackal, Sonia Rose Fairfax, VA
Nandanam, Neeraj Roanoke, VA
Nevlud, Amanda Nicole Fairfax Station, VA
Nigh, Michael Christopher Wayne, PA
O'Brien, James Joseph Stafford, VA
O'Brien, Keith Patrick West Windsor, NJ
*Octain, Aman Singh Clifton, VA
*Olliges, Kedrin Nicole Virginia Beach, VA
*Parker, Jeffrey D. Glen Allen, VA
Patel, Akhil H Richmond, VA
Pehanick, Logan Albert Ruckersville, VA
Pelletier, Jacob George Hampton, NH
**Perry, George Alexander Montross, VA
Phan, Truc Thi Thanh Herndon, VA
Phelps, Anthony Richard Midlothian, VA
Pine, Zachary Thomas Blacksburg, VA
Potter, Alexandra Hutchins Virginia Beach, VA
*Randolph, Cayla Gwendolyn Crozet, VA
Rediger, Katherine Diane Oak Hill, VA
Rissmeyer, Daniel Joseph Staunton, VA
Romeo, Matthew Carmen Midlothian, VA
***ΦRooney, Lucas Jensen Fairfax, VA
*Rydland, Elizabeth Noelle Charlottesville, VA
Saadeh, Farid Mamoon Fairfax, VA
Saljuki, Elias Springfield, VA
*Sarris, George J Rockville, MD
Schulhafer, Daniel Joseph Virginia Beach, VA
Screptock, Caroline Elizabeth Hamilton, VA
Shin, Yoorim Burke, VA
***ΦShiner, Harrison Thomas Richmond, VA
**Silva Landi, Renzo Jesus Herndon, VA
*Sinnathamby, Ashvin Reston, VA
Slough, Carter Joseph Richmond, VA
**ΔSmith, Matthew J Lighthouse Point, FL
Snyder, John William Pittsburgh, PA
Stephens, Daniel Clark Chantilly, VA
Stewart, Jesse Afton Virginia Beach, VA
***Stout, Dana Marie Mooresville, NC
*Sutton, John Joseph Langhorne, PA
Swafford, Sabrina Marie Fredericksburg, VA
Tam, Christopher Shawn Blacksburg, VA
Taylor, Caitlin Ashby Richmond, VA
Terpenney, Charles Hunter Christiansburg, VA
*Tesfagiorgis, Eyuel Kidane Addis Ababa, Ethiopia
Thomas, Ian McLaughlin Wexford, PA
*Tsui, Theresa Forest, VA
Uddin, Waqar McLean, VA
Umansky, David Fairfax, VA
Upchurch, Christian Frederick Suffolk, VA
Vaughan, Anne Finley Ashland, VA
**Vaughan, Caleb Wayne Mechanicsville, VA
*Vincent, Seth Douglas Bloomsburg, PA
Wallace, Marianthi Rose Blacksburg, VA
Watson, Ryan Scott Roanoke, VA
*White, Dylan Davey McLean, VA

*Whitehouse, Benjamin Taylor Richmond, VA
**Wijegunawardena, Neluka Ashburn, VA
**ΦWilson, Jon Tyler Sterling, VA
Wood, Hunter Alan Bradley Mechanicsville, VA
Yackel, William Colin Warsaw, VA

HOSPITALITY AND TOURISM MANAGEMENT

Aleman, Junior Alirio Lorton, VA
Bradford, Chelsea Nicole New Castle, VA
*Brown, Alexandra McKenzie Winchester, VA
**Brown, Cameron Demaris Mechanicsburg, PA
*Campbell, Ally Ann Martinsville, VA
*Carter, Taylor Rhiann San Antonio, TX
Clapperton, Mackenzie Myla Winchester, VA
Coleman, Travis Deshawn Alton, VA
Cordero-Sierra, Juan Gabriel Virginia Beach, VA
†DeCoster, Justin William Franklin, MA
Deolloqui, Samantha Valentine Lewisburg, WV
Donovan, Kyle Joseph Warrenton, VA
Gilbert, Emma Rose Arlington, VA
Han, Jung Min Blacksburg, VA
Harris, Whitney Catherine Concord, NC
Hartley, Sarah Alexandra Newport News, VA
Hines, Brooke Elizabeth Hopewell, VA
Hwang, Richmond Kooksun Fairfax, VA
Johnson, Charles Rock Crewe, VA
*Johnson, Mackenzie Grace Fairfax Station, VA
*Kang, Hyun Ji Burke, VA
Kirtley, Ryan Christian Roanoke, VA
*Klein, Lilita Solazzo Brookeville, MD
*Korch, Carolyn D Centreville, VA
Kornides, Myra Anne Granville, OH
*Love, Natalie Hamilton Pittsburgh, PA
*†Mawry, Emily Sue Stuarts Draft, VA
McDaniel, Megan Leigh Lynchburg, VA
Murray, Kelly Baker Herndon, VA
*Myrick, Brittany Erin Fairfax Station, VA
*Nichols, Graham Hamilton Cape Elizabeth, ME
Odom, Sarah Elizabeth Chesterfield, VA
Onorato, Richard Michael Buffalo, NY
Pepper, Matthew James Florham Park, NJ
†Peters, Laura Ann Leesburg, VA
Ransone, Laura Chilton White Stone, VA
Ritter, Ashley Lea Radford, VA
Sharp, Sara Elizabeth Midlothian, VA
***†Sheehy, Catherine Roberts Hillsborough, NJ
Smith, Alexander Richard Springfield, VA
Stoneman, Jonathan Clay Wingfield Ashland, VA
*Sullivan, Amanda Lee Fredericksburg, VA
Tate, Emily Rebecca Verona, VA
***Tinsley, Kelly Marie Huntersville, NC
Walker, Logan Mark Chester Springs, PA
Werner, Alexandra Gabrielle Chesapeake, VA
†White, Angela Marie Stafford, VA
White, Carter D Radford, VA
***Wiker, Alicia Danielle Purcellville, VA
Wilson, Joshua Daniel Winchester, VA
Yoo, Monica Sabrina Burke, VA

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Alexander, Elizabeth Charlottesville, VA
Andia, Gregory Julian Greensboro, NC
Arbogast, Jessica Faye Staunton, VA
Arnold, Dennis Ian Fairfax, VA
Ayala, Paola Elizabeth Williamsburg, VA
Bechtel, Danielle Leigh Dauphin, PA
Bollinger, Timothy Reed Fairfax, VA
Bowden, Benjamin William Burke, VA
Brady, Matthew Ian Winchester, VA
Brand, Josiah James Springfield, VA
*Breaux, Madeleine Iva Purcellville, VA

Breedlove, Zachary Evan Bland, VA
 Bridges, Kevin Dean Harrisonburg, VA
 *Buresh, Emma Scott Baltimore, MD
 Burghardt, Emily Halolani Hollywood, MD
 Canatsey, John Douglas II Centreville, VA
 Cantrell, Richard Gary III Fredericksburg, VA
 Capiello, Tara Ashley Great Falls, VA
 Caskey, Justin Michael Richmond, VA
 Coggins, Robert Lee Knoxville, TN
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 Coll, Alexandra Kathryn Pittsburgh, PA
 Conn, Matthew Steven Tazewell, VA
 **Connell, Jillian Markell Downingtown, PA
 Cordova, Edwin David Manassas, VA
 Cowette, Ryan John Bedford, NH
 Cox, Dallas Trevon Chesapeake, VA
 Crouch, Benjamin Lewis Richmond, VA
 Dailey, Samuel Charles Forest, VA
 ***Daniel, Mary Catherine Halifax, VA
 ***Darwiche, Alexander Sami Herndon, VA
 Dong, Jesse Isaiah Westerville, OH
 **Edens, Kelsey Leigh Potomac Falls, VA
 *Fehn, Jarrett D Ashland, VA
 Finger, Patrick Cooke Hickory, NC
 Foley, Timothy W Triangle, VA
 *Fox, Caitlin Ray Brunswick, ME
 Fralin, Jonathan Andrew Daleville, VA
 **Fraser, Alexander Atwood Richmond, VA
 Gomer, Tony Kunal Downingtown, PA
 **Gray, Abbie Marie Midlothian, VA
 **Gruver, Julia Lynn Philomont, VA
 Hancock, Travis Kendall Bassett, VA
 **Hearl, Christian Alexander Richlands, VA
 Heath, Graham Parker Stuart, VA
 Hedrick, Hunter Dean Danville, VA
 *Helmick, Baxter James Madison, VA
 Helms, Alice Riane Oak Hill, WV
 Hinson, Chad Elton Winchester, VA
 Hooper, Robert Kyle Charlottesville, VA
 Hughes, Daniel Martin Midlothian, VA
 Jackson, Travis Logan Roanoke, VA
 Jarboe, Joseph Richard Mt. Airy, MD
 Jefferson, Rawlin Edward III Dumfries, VA
 Johnson, Lucas George Chesapeake, VA
 *Johnson, Miranda Scot Chesapeake, VA
 Kane, Sarah E Blacksburg, VA
 Kim, Wang Soo Brambleton, VA
 Lawson, Christopher James Salem, VA
 Lewis, William Dean Annandale, VA
 Luker, Katelyn Simsar Takoma Park, MD
 Magee, Patrick Robert Fairfax, VA
 *Magee, Sarah Joan Montclair, VA
 Mann, Meagan Alexandra Alexandria, VA
 *Masla, Christopher Michael Williamsburg, VA
 **Mattox, Rebecca Campbell Centreville, VA
 McCartney, Tyler Jensen Charlottesville, VA
 †McCoy, Stephen Michael Harrisonburg, VA
 McDevitt, Joshua Patrick Staunton, VA
 Meussling, Nicole D Chesapeake, VA
 Morgan, Adam Wade Mathews, VA
 **Newton, Robert Huelett III Richmond, VA
 ***ΔNguyen, Khang Duy Ho Chi Minh, Vietnam
 *O'Connor, Jacob Daniel Corona del Mar, CA
 O'Donnell, Matthew James Cherry Hill, NJ
 **ΦO'Neill, Kelsey Erin Arlington, VA
 Obenshain, Alisa Dodd Accomac, VA
 **Orvis, Peter Coffin South Starksboro, VT
 Painchaud, Claire Elise Millstone Township, NJ
 Parks, Randall Bruce Christiansburg, VA
 Pence, Natalie Martin Edinburg, VA
 ***Priest, Blair Elizabeth Norfolk, VA
 Quinilty, Mary Elizabeth Ashburn, VA
 Randall, Gabrielle Paula Marie Virginia Beach, VA

Reid, Sean Christopher Glen Allen, VA
 Reynolds, William Hart Martinsville, VA
 *Robertson, Catherine Custis Mathews, VA
 Sain, Brittany Marie Newport News, VA
 Schmidt, Michael David Stafford, VA
 *Sheikh, Abdifatah Yusuf Centreville, VA
 Shrum, Richard Lee, Jr. Midlothian, VA
 *Sledge, Emma Blaine Columbus, OH
 Smith, Jacob Theodore Richmond, VA
 Soudi, Lanna Nael Amman, Jordan
 Stanley, Christopher Robert Forest, VA
 **Steeves, Katie Marie Newark, DE
 Stegmaier, Andrew Gerard Fairfax, VA
 *Stover, Benjamin Earl Yorktown, VA
 Suh, Soo Yeon Fairfax, VA
 Thomsen, Jonathan William Cary, NC
 Tully, Rachel Helen Sterling, VA
 Valentin, Jillian Elissa Ashburn, VA
 *Van Scoyoc, Kent Alexander Virginia Beach, VA
 Vaughan, Jeremy Lee Alton, VA
 ***Ward, Evan Christine Yorktown, VA
 Waugh, Katherine Grace Bristol, VA
 Whitehurst, David Brooks Roanoke, VA
 Wi, Jessica Yisul Centreville, VA
 Wilbrandt, Eric Allen Fairfax, VA
 Wilkinson, Colin Lewis Towson, MD
 Wooten, Jamar Antonio Newport News, VA
 Wootton, Garrett Tyler Virginia Beach, VA

MARKETING MANAGEMENT

Anderson, Tessa Lee Richmond, VA
 Andress, Marcella Marie Vienna, VA
 Andrews, Meghan Elizabeth Sterling, VA
 *Angell, Alison Emily Charlottesville, VA
 *Aranibar, Kelly Springfield, VA
 Armstrong, Miles Anthony Huntersville, NC
 Bagha, Yasmin McLean, VA
 Balberde, William Alexander Clifton, VA
 Barron, Jacob Ellis Fairfax, VA
 Bartlett, Emily Margaret Midlothian, VA
 Bell, Elizabeth Kathleen Vienna, VA
 **Berberian, Megan May Fairfax Station, VA
 Boivin, Joseph Mark Quincy, MA
 Booher, Jordan Mitchell Berryville, VA
 *Bowman, Lauren Nicole Ashburn, VA
 Bradley, Garrett David Charlottesville, VA
 **Brittingham, Olivia Mitra Virginia Beach, VA
 *Brown, Alexandra McKenzie Winchester, VA
 Bullard, Erin Melissa Charlotte, NC
 Cafiero, Christina Marie Herndon, VA
 Caizzi, Michaela Lauren Woodbine, MD
 *Campbell, Allyn Ann Martinsville, VA
 Cannon, Kristen Dyan Ashland, VA
 Capiello, Tara Ashley Great Falls, VA
 Cartner, Emily Dawn La Plata, MD
 Caviness, Samantha Gail Martinsville, VA
 Chang, Jin-Hoon Eric Centreville, VA
 Clayborne, Kira Maria Clifton, VA
 *Collins, Shannon Marie Franklin Park, NJ
 Condes De LaTorre, Kathryn Mary Vienna, VA
 **Connell, Jillian Markell Downingtown, PA
 *Connor, Colby James Manassas, VA
 Copeland, Lauren Grace Oakton, VA
 Cumpston, Kelley Ann Stafford, VA
 *Czerwonka, Kathryn Ann Glen Allen, VA
 Dallachie, Sean Michael Williamsburg, VA
 **Dam, Elizabeth Susan Marshall, VA
 ***Daniel, Mary Catherine Halifax, VA
 *Davis, Patrick McCuen Lorton, VA
 Demetrius, Alexander James Chesterfield, VA
 **Dickey, Brian Matthew Downingtown, PA
 Donohue, Corey William Ashburn, VA

Dragelin, Lindsey Melissa Lake Oswego, OR
 *Duhaime, Matthew Elliott Basking Ridge, NJ
 Duran, Arlene Juliete Leesburg, VA
 Edwards, Mark David, Jr Wake Forest, NC
 *†Engel, Lauren Eileen McLean, VA
 Engle, Jenna Renee Charlottesville, VA
 English, Kelley Marie El Paso, TX
 Fagan, Thomas, Jr Midlothian, VA
 **Fagre, Carleigh Rose Fairfax, VA
 Fenyn, Alyssa Ann Blacksburg, VA
 Ferreira, Adam John Livermore, CA
 Fiorino, Cynthia Hampstead, MD
 Fisher, Darian Jamaal Virginia Beach, VA
 *Fox, Caitlin Ray Brunswick, ME
 ***Frick, Amanda Brooke Baltimore, MD
 Gagianas, Nicholas Joseph McMurray, PA
 Gibbons, Thomas Joseph Chantilly, VA
 Gieseler, Caroline Shea Falls Church, VA
 Gonano, Caitlin Marie Clifton, VA
 Gosaie, Shelley Nayha Richmond, VA
 **Gray, Abbie Marie Midlothian, VA
 Grimes, Gina Marie Midlothian, VA
 Grove, Peter Eugene Shrewsbury, PA
 Guzman, Jeanette M Leesburg, VA
 Hancock, Travis Kendall Bassett, VA
 Harless, Christopher Ryan Glen Allen, VA
 **Harrell, Kevin Scott Dayton, OH
 Hendricks, Brian Jeffrey Herndon, VA
 Hengemuhle, Valerie Amy Bridgewater, NJ
 Highfield, Cort Edward Charlotte, NC
 Hinkes, Thomas James Richmond, VA
 **Hoppenjans, Lindsay Jane Chesapeake, VA
 Hunter, Lindsey Ryan Centreville, VA
 Jarvis, Brooklyn Jean Fairfield, VA
 Journell, Cody James Ripplemead, VA
 Joyce, Brendan Stuart Midlothian, VA
 *Kane, Daniel Reid Cherry Hill, NJ
 Kelley, Haley Marie Bristol, VA
 Ketchmark, Michael Ryan Chesapeake, VA
 Kilcoyne, Casey Allison Alexandria, VA
 *Largen, Kevin Daniel Roanoke, VA
 *Lee, Timothy Glenn, Jr Chesapeake, VA
 Lumpkin, Virginia Anne Richmond, VA
 Luse, Jonathan Gregory Richmond, VA
 *Lyons, Katherine Wong Clifton, VA
 *Magee, Sarah Joan Montclair, VA
 Maiden, Katie Rena Roanoke, VA
 Mandeville, Brett Stephen Lorton, VA
 Maraoui, Blake T Fairfax, VA
 Marshall, Victoria Rose Ashburn, VA
 **May, Kevin Timothy Chantilly, VA
 McDonnell, Matthew Stephen Arlington, VA
 McManus, Krista Marie Sterling, VA
 McMenamin, Michael Fairfax Clifton, VA
 ***Menish, Casey MacGregor Herndon, VA
 Miller, Clayton VanBuren Arlington, VA
 **Monaghan, Casey Terence Wilmington, NC
 Monk, James Harrison Herndon, VA
 **Moody, Erin Kendall Vinton, VA
 Moon, Brice A Hopewell, VA
 Moonan, Emily Kaitlyn Vienna, VA
 Morris, Bryan Christopher Vienna, VA
 Murray, Kelly Michelle Wytheville, VA
 ***Newman, Marlee Paige Centreville, VA
 Noh, Moon Duk Leesburg, VA
 *Nowak, Alexandra Louise Glen Allen, VA
 O'Dea, Sean Michael Ridgefield, CT
 Obeck, Jessica Blair Richmond, VA
 *Orlando, Christie Elizabeth Baltimore, MD
 Outadi, Olivia Tara Fairfax, VA
 Owens, Kara Lee Annapolis, MD
 Palmerton, Alexander Kelsey Maurertown, VA
 Pavlosky, Alexander Stephen Earlysville, VA

Pellegrin, Sydney Francine Stevensville, MD
 Perna, Caitlin Elizabeth Great Falls, VA
 Pettirossi, Justin Daniel King William, VA
 Pike, Joshua Michael Madison, VA
 *Pizoli, Lia Marie Stafford, VA
 ***Priest, Blair Elizabeth Norfolk, VA
 Puryear, Catherine Elizabeth Stanardsville, VA
 Puziene, Francis Patrick Arlington, VA
 Pyle, Robin Forest, VA
 *Pyon, Stacey Y Ashburn, VA
 Rampey, Nicholas Marc Gainesville, VA
 *Robertson, Catherine Custis Mathews, VA
 **Robertson, Erin Patricia Chantilly, VA
 Rocker, Justin C Kennesaw, GA
 Rodriguez, Carmen Paola Fairfax, VA
 Rosenthal, Paul Asher Sterling, VA
 *Ruby, Brett Daniel Royal Oak, MI
 Saunders, Timothy Lucas Richmond, VA
 **Scaggs, Jessica Janel Salem, VA
 Scarborough, Duston Lamar Hampton, VA
 Schmadel, Laura Elizabeth Mendham, NJ
 Sciarino, Suzanne Mary Forest, VA
 Shaffer, Alycia Lynn Fredericksburg, VA
 Shagam, Naomi Christine Arlington, VA
 Shea, Matthew James Edison, NJ
 Sheehy, Kathleen Patricia Virginia Beach, VA
 Simone, Brett Steven Great Falls, VA
 Slack, Thomas Andrew II Midlothian, VA
 **Smith, Adam Keith Bel Air, MD
 Sottile, Alexander Mathew Skillman, NJ
 Spallone, Alexandra M New Milford, CT
 *Steinmetz, Melissa Marie Cockeysville, MD
 Stewart, Rebecca Elisabeth Ashburn, VA
 Still, Caroline Susan Atlanta, GA
 Stilwell, Scott Andrew Roanoke, VA
 Stokes, Hilary Brooke Baltimore, MD
 Strauss, Emily Anne Charlottesville, VA
 **Tabb, Angela Godwin Richmond, VA
 *Tallman, Ashley Jeanne Haymarket, VA
 *Tamburelli, Laura Nicole Fairfax Station, VA
 *Terminello, Christine Alexis Oak Hill, VA
 Tran, Melinda Tuong-Vi Chesapeake, VA
 ***Van Dyke, Adam Paul Raleigh, NC
 Wagner, Molly Anna Edmond, WV
 Wang, David Ashburn, VA
 *Watson, Heather Camille Blacksburg, VA
 Weber, Megan Leigh Ashburn, VA
 Wessinger, Jessica Ryan Alexandria, VA
 *Wilkinson, Mark Robert Kennett Square, PA
 *Wilson, Emily Marie Herndon, VA
 *ΔWilson, Matthew Connors Virginia Beach, VA
 Wood, Tara Marie Oakton, VA
 Wynkoop, Bryan Neal Leesburg, VA
 Yates, Peter Cecil Conyers, GA

COLLEGE OF ENGINEERING
Dean Richard C. Benson

BACHELOR OF SCIENCE

COMPUTER SCIENCE

†Adams, James Michael Virginia Beach, VA
 Adams, Julian James Virginia Beach, VA
 Ayers, Harold Bruce III Mooresville, NC
 Bailey, Bradley Craig Towson, MD
 †Bell, Creighton Paul Fredericksburg, VA
 ***ΦBlanchard, Ryan Joseph Abingdon, VA
 Borgerding, Michael Tyler Blackstone, VA
 Bowers, Aaron Phillip Fredericksburg, VA
 Boyd, Ellen Elizabeth Silverdale, WA
 **Burkard, Andrew Michael Hamilton, VA

Byer, Timothy Benjamin Blacksburg, VA
 Cary, Robert Harrison, Jr Roanoke, VA
 **Case, Sean Alexander Yorktown, VA
 Chung, Jamie Francisco Coral Springs, FL
 †Coptly, Nayef Ramzi George Amman, Jordan
 Curaca Malito, Daniel Eduardo Arlington, VA
 Davies, Ian Zachary LaBarre Poquoson, VA
 De, Puloma Sushmita Centreville, VA
 Deichler, Matthew James Flemington, NJ
 Demase, Robert Joseph III Richmond, VA
 Dickerson, William Leopold Arlington, VA
 Dotson, Sarah Ruth St. Charles, MO
 Erickson, Olivia Rose Leesburg, VA
 Feng, Susan Ashburn, VA
 **Fernandez, Jean Marie Sterling, VA
 Foster, Darien Dorrell Gwynn Oak, MD
 Fulton, Micah William Front Royal, VA
 Gibb, Kyle N King George, VA
 *Gibboney, Lauren Ashley Chesapeake, VA
 Gintz, Colin Christopher Roanoke, VA
 Gonzalez, Christopher Joseph Fort Collins, CO
 Han, Taehee Roy Chantilly, VA
 **Harlowe, Ollie Franklin Mechanicsville, VA
 Hartwell, Andrew Ian McLean, VA
 Hildesheim, Thomas Eckerlin Montgomery Village, MD
 Hotinger, Eric Ray Fairfield, VA
 **Huang, Hsiu-Chu Fairfax, VA
 **Jenks, Gregory Michael Chantilly, VA
 Kadir, Adil Hashim Springfield, VA
 Kaplan, James Robert Ashburn, VA
 †Keel, William Alton Hampton, VA
 Kelley, Sean Ryan Ashburn, VA
 *†Kniphuisen, David Paul Midlothian, VA
 Komarov, Val Mikhailovich Fairfax, VA
 ***ΦKumar, Karthik Ashburn, VA
 La Marr, Jonathan C Okinawa, Japan
 †Lieberman, Brian Matthew Hopatcong, NJ
 ***Liu, Albert Chantilly, VA
 Lopez, Blaise Greyson Richmond, VA
 **ΦLuke, Joseph Abraham Hampton, VA
 *Majestro, Anthony Colerio Charleston, WV
 *†Martin, Joshua Deckert Falls Church, VA
 ***†McElmurray, John Alexander Salem, VA
 Mehfoud, Sara Margaret Midlothian, VA
 Menye - Menye, Jean - Marie Blacksburg, VA
 **Miller, Daniel Philip Manassas, VA
 Miller, James Robert Thomas Smithfield, VA
 *Minnich, John Douglas Roanoke, VA
 †Mussey, Andrew Michael Fredericksburg, VA
 Myers, Brandon Michael Chesapeake, VA
 Nachazel, Mark Edward Herndon, VA
 ***Naper, Michael Daniel, Jr Gibsonia, PA
 **O'Connor, Joseph Taylor Purcellville, VA
 Ong, Derek Michael Potomac Falls, VA
 Parbadia, Sivani Amit Stafford, VA
 Pascale, Michel Paul Williamsburg, VA
 ***Pepin, Jared Dean Fredericksburg, VA
 *Pike, Kevin Eric Springfield, VA
 Plassmann, Nikhil G Blacksburg, VA
 Preston, William Sherman Blacksburg, VA
 **Robinson, William James Annapolis, MD
 **Ross, Alexandra Erinn Butler, PA
 *Rothwell, Andrew Graham Fairfax Station, VA
 ***ΦRush, Joshua David Chester, VA
 *Sarkar, Ayan Leesburg, VA
 **Schaefer, Laurel A Annandale, VA
 Schwinabart, James Andrew Sterling, VA
 †Scott, James Andrew Yorktown, VA
 ***Senkbeil, Robert Culberson Anniston, AL
 **†Shah, Eeshan Manish Farmville, VA
 Shepherd, Hunter Dane Moneta, VA
 Sheppard, Jacob Nathaniel Winchester, VA
 *Singh, Avneet San Diego, CA
 Stevens, Kyle Vincent Virginia Beach, VA

Stine, Kenneth James LaPlata, MD
 **Sutton, Kelly Arthur Burke, VA
 **Tataraka, Evan Mitchell Roanoke, VA
 Tona, Glen Blacksburg, VA
 Tran, Alan Alexandria, VA
 Truong, Nguyen Thai Van Binh Duong, Vietnam
 Tseng, Wei Neng Taipei, Taiwan
 Yuan, Ximeng Annandale, VA
 Zarger, Adam Benjamin Centreville, VA
 Zehr, David A Newport News, VA
 †Zhou, Yinyu Woodbridge, VA

BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

Adrian, Stephan James Lusby, MD
 *ΦAgarwal, Divyanshu Virginia Beach, VA
 Allworth, William Alan, Jr Herndon, VA
 Avancena, Crispino IV Manila, Philippines
 Bannat, Steven Robert Yorktown, VA
 **Bean, Jacob Jon Mechanicsville, VA
 Beji, Faycel Ben Hedi Ben Arous, Tunisia
 Bernard, John Derek Tall Timbers, MD
 Bierbaum, Michael Zachary Exton, PA
 *Bollinger, Margaret Ann Williamsburg, VA
 Bradberry, Lauren Jean Gonzales, LA
 Brand, Jonathan Timothy Springfield, VA
 Brogan, William Murray Norfolk, VA
 Brooks, Collin Douglas Amherst, MA
 Brunell, David Kurt Blacksburg, VA
 Byrnes, Jarred Dylan Thorndale, PA
 Callen, James Robert Leesburg, VA
 Campanaro, Michael Anthony Olney, MD
 *Campbell, Tyler Patrick Roanoke, VA
 Carney, David Lee, Jr Memphis, TN
 *ΦCarter, Patrick Jefferson Front Royal, VA
 Castellon, Nicole Elizabeth Leonia, NJ
 Chretien, Grayson Black Barboursville, VA
 ***Clark, Ian Andrew Slidell, LA
 Collar, Andrew N Clarksburg, MD
 *Corder, Scott Matthew Manassas, VA
 Corio, Daniel Louis Mt. Airy, MD
 Coulter, Gregory Ross Millersville, MD
 Davidson, Tommy Chase Blacksburg, VA
 Easton, Marc Stephen Chesapeake, VA
 **Englerth, Steven Tyler Conway, SC
 Gallegos, Philip Andrew Blacksburg, VA
 *†Giobbi, Benjamin Michael Arlington, VA
 Godine, Dominic Mark, Jr Forest, VA
 Gravatt, Jessica Marie Portsmouth, VA
 Grimm, Robert Cos Cob, CT
 Guzman Sanchez, Erlan Eduardo Arlington, VA
 †Hall, Katherine Anne Mechanicsville, VA
 Hanzel, Jared Gregory Sterling, VA
 Harvey, James Patrick Yorktown, VA
 *Heinen, Laura Nicole Ashburn, VA
 ***Heyman, Scott Heric Urbana, VA
 Himes, Benjamin Barker Blacksburg, VA
 Holden, William Gregory Essex Fells, NJ
 *Hoover, Morgan Aric Christiansburg, VA
 †Hotsko, James, Jr Panama City, Panama
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 Huff, Marcus Tyler Waynesboro, PA
 †Hutchinson, Scott Douglas Westminster, MD
 **†Jackson, Charles Wilson V Blacksburg, VA
 Kevorkian, Christopher George Roanoke, VA
 Kinmond, Brennan Garner Olney, MD
 Kummer, Matthew Phillip Frederick, MD
 Lambert, Bryan Kirk Centreville, VA
 Lambert, Robin L Fredericksburg, VA
 Larson, Christopher Jacob Peachtree City, GA
 *Lavinder, Benjamin Carl Hampton, VA
 **†Lewandowski, Tyler Edward Crozet, VA
 †Llames, George Robert Springfield, VA

Marcum, John Alexander Greenville, SC
 Mariani, Chelsea Brooke Yorktown, VA
 Mascaro, Michael David Ellicott City, MD
 Massey, Benjamin Cosby Spotsylvania, VA
 Matiana, Raman Deep Manassas Park, VA
 Matt, Benjamin Ronald Pittsburgh, PA
 Mattfeld, Bryan D Fairfax, VA
 McGee, Jacob Daniel Radford, VA
 McWaters, William Joseph, Jr Stafford, VA
 †Michel, Julia Gabrielle Fairview Park, OH
 *Miller, Nicholas Scott Luray, VA
 Moran, Teresa Josephine Holly Springs, NC
 Moser, Joshua Dylan Raleigh, NC
 Muneer, Mohammed Salman Dumfries, VA
 ***Naper, Michael Daniel, Jr Gibsonsia, PA
 Nichols, Matthew William West Chester, PA
 Nicholson, Joshua Jacob Heathsville, VA
 ***Ojeda, Juan Andre Ashburn, VA
 Ouellette, Patrick Thomas Woodbridge, VA
 Patteson, Zachary Jennings Fairfax, VA
 Preiser, Lauren Amy Chesapeake, VA
 Radford, Andrea Lynn Richmond, VA
 Reinhardt, Robert Gallatin Grafton, MA
 Rooney, Edward Robert Blacksburg, VA
 Root, Isaac James Fredericksburg, VA
 Rumiantsev, Anastasia Ilinichna Fairfax, VA
 Saunders, Robert Nelson Bedford, VA
 Savage, Kelvin Keith II Roanoke, VA
 Schleicher, Ben James Allentown, PA
 †Schneider, Alex Joseph Clover, SC
 Schrantz, Evan Norby Radford, VA
 Seifert, David Ryan Middletown, DE
 Sica, Anthony Heinz Sewell, NJ
 Siddique, Sifat Dhaka, Bangladesh
 *Singh, Avneet San Diego, CA
 Smith, Eric Alexander Blacksburg, VA
 **Sobien, Daniel Steven Stafford, VA
 Subedi, Alok Alexandria, VA
 Syed, Rehan Abu-Saeed Centreville, VA
 †Taggart, Vance James Brecksville, OH
 Talbert, Robert Francis Seaford, VA
 †Taleb, Younes Springfield, VA
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 Tubridy, James Patrick Pittsburgh, PA
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Glesner, Colin Christopher Littleton, CO
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Iozzo, Vincent Domenic Cromwell, CT
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**Kibler, Lyndsay Marie Coatesville, PA
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*Leslie, Michelle Theresa Manassas, VA
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*†Rice, Joshua David Smithfield, VA
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*Ryan, Justin Jay Chapel Hill, NC
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**ΦSparks, Stephanie Ann Oakton, VA
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**Strong, Arielle Paige Sterling, VA
Tang, Shuo Blacksburg, VA
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 †Isler, John Edward Ford Mahwah, NJ
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 *Kelly, Brian Patrick Bluemont, VA
 *Kim, Ah-Ram Annandale, VA
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 King, Joseph Charles Louisa, VA
 *King, Justin Thomas Henrico, VA
 **Kirchhoff, Allan Richard Midlothian, VA
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 **Koons, Brian Joseph Montclair, VA
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 *ΔLittle, Adam Livingston Greensboro, NC
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 Marshall, John Douglas Round Hill, VA

*Martin, Dillon Minkoff Bethesda, MD
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 *Matta, Alexander George Arlington, VA
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 **Winterfield, Robert Franklin Charlotte, NC

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 Crane, Marshall Collin Virginia Beach, VA
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 *Dottery, Kayla Lavon Manassas, VA
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 Eastman, Abigail Babe Fairfax Station, VA
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 Fields, Carmen Patricia Richmond, VA
 **Fischer, Amanda Leigh Haymarket, VA
 **Fitzgerald, Sarah Brooke Newport News, VA
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 Gallagher, Erin Nicole Richmond, VA
 Galliger, Jason William Fairfax Station, VA
 Giannasi, Christopher James Mechanicsville, VA
 ***ΦGillenwater, Chelsea Rachel Gate City, VA
 Ginn, Kelsey Nicole Salem, VA
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 Greenbaum, Devon Samantha West Caldwell, NJ
 Greene, William Kirkland Centreville, VA
 Griffier, Reid Jason Gaithersburg, MD
 **Hansen, Emily Grace Chesapeake, VA
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 *Hedrick, Allison Michelle Chatham, VA
 Heilbronner, Elizabeth Valentine Charlottesville, VA
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 Hetrick, Claire Marie Manassas, VA
 **Hickman, Lauren Michelle Chattanooga, VA
 Hodges, Stephen Tyler Roanoke, VA
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 Horan, Tyler Roy Middleboro, MA
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 *Kaiser, Kelly Hickman Blacksburg, VA
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 *Madelmayer, Lauren Elizabeth Clifton, VA
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 *McDonald, Meghan Cary, NC
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 **Moran, Jamie T West Chester, PA
 *Nguyen, Jennifer Lynh Alexandria, VA
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 ***Sullivan, Christina Lea Fredericksburg, VA
 **Tatum, Brittany Kay Manassas, VA

Taylor, Kaila Lynn Fredericksburg, VA
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 Thomas, Ashley Nichole Chesapeake, VA
 Thompson, Samantha Chong Mi Leesburg, VA
 **Tillerson, George Edward IV..... Newport News, VA
 *Toro, Jaime J III..... Franklin Square, NY
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 ***ΦWeeden, Whitney Marie Broad Run, VA
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 **Whittington, Blair Marie Fairfax, VA
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 Dible, Jourdan Adriana Katelyn Aiken, SC
 Djordjevic, Christine Antolovic Severna Park, MD
 *Dober, Meighan Christine Virginia Beach, VA
 **Dooley, Chase Hayden Vinton, VA
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 Gomes, Alexander Fernald Herndon, VA
 *Gough, Mary Kate Ashburn, VA
 **Griffin, Katlyn Sue Poquoson, VA
 Gunter, Nathaniel Ray Lynchburg, VA
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 Harris, David Spencer Virginia Beach, VA
 *Hill, Courtney Elizabeth Richmond, VA
 Hobbs, Lauryn Kemper Brooke Pearisburg, VA
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 **Hughes, Allison McKenzie Glen Allen, VA
 ***ΔHughes, Ashley Taylor Burke, VA
 Jackson, Kenneth William Richmond, VA
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**James, Rebecca Caroline Nellysford, VA
 **Kalagher, Kendall Reilly Charlottesville, VA
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 King, Brooke Alicia Phoenix, MD
 Kistler, David Keith Hickory, NC
 **ΔLee, Haley Bohyun Yorktown, VA
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 Magarelli, Jessica Maria Chantilly, VA
 Mariani, Chelsea Brooke Yorktown, VA
 Marlowe, Kelly Breanne Roanoke, VA
 *McDonald, Marcus Paul Harrisburg, PA
 ***McGann, Nora Margarete Ashburn, VA
 McGee, Meagan Darden Richmond, VA
 *McGrath, Benjamin Casey Chesapeake, VA
 *McLaughlin, Ryan O'Connor Alexandria, VA
 *Miller, Allison Marie Danville, VA
 **ΦMinogue, Thomas R III Stafford, VA
 *Norod, Leah Gene Clifton, VA
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 Palmiotto, Kyleigh Gabrielle Sterling, VA
 **Payne, Victoria Leigh Williamsburg, VA
 *Pettigrew, Alexia Michelle Manassas, VA
 *Pillow, Keith Allen, Jr Palmyra, VA
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 **Boyd, Courtney Alexa Lynchburg, VA
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 Breakell, Alexander Gill Roanoke, VA
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 Brooks, Dylan Hamilton Blacksburg, VA
 Burge, Jeremy Wayne Rustburg, VA
 Burk, Benjamin Michael Lovettsville, VA
 Burkett, Britton Lee Chatham, VA
 Burns, Austin James Raleigh, NC
 Callas, Gregory George Centreville, VA
 **ΦChafetz, Emma Catherine Vienna, VA
 Cocco, Kayla Ann Sterling, VA
 **Cohen, Michelle Sarah Alexandria, VA
 Cota - Wertz, Fernando Leesburg, VA
 Cothran, Jacob A West Point, VA
 Cox, Luke Douglas Maryville, TN
 Davis, Rachel Victoria Rocky Mount, VA
 *DeLauder, Christopher Michael Stafford, VA
 Dodson, Tyler Kevin Blacksburg, VA
 Drabek, Richard Douglas Marietta, GA
 ***Dulaney, Jarrid McKay Christiansburg, VA
 *Dunsmore, Kathryn Ann Weyers Cave, VA

Estes, Brandon Todd Midlothian, VA
 Farthing, Jessica Joy Chesterfield, VA
 Fary, Daniel Braxton Gloucester, VA
 ***Fowler, Victoria Paige Falls Church, VA
 *Frazer, Harrison Gordon Richmond, VA
 Freeo, Giuliano Joseph Lynchburg, VA
 Gerdes, Emily Catherine Williamsburg, VA
 *Gillespie, John Patrick Roanoke, VA
 *Gilmore, Michael David Roanoke, VA
 Goodman, John Wilton Bel Air, MD
 Grubbs, Stuart Lindsey Chesapeake, VA
 Guichard, Scott Michael Winchester, VA
 Harig, James Michael Grand Rapids, MI
 Harris, James Crockett III Chesapeake, VA
 Harvill, Jennifer Ann Marriottsville, MD
 ***ΦHeath, Victoria Lynn Dhahran, Saudi Arabia
 Higginbotham, Robert Kent Orange, VA
 Huber, Charles Henry Goshen, OH
 Huntington, Oneida Nell Christiansburg, VA
 Jones, William Phillip Cana, VA
 Katz, Carlton Philip McLean, VA
 Kelly, Amy Nicole Whitewood, VA
 Kelly, Dustin Michael Herndon, VA
 *Kennie, David John Manassas, VA
 Kidd, David Michael Fluvanna, VA
 Lee, Claire Elizabeth Dublin, OH
 Lohman, Matthew William Gibsonia, PA
 *Lopes, Mario Araujo Gainesville, VA
 Mackey, Gregory West Roanoke, VA
 Mattox, Kiefer Phillip Warrenton, VA
 Mauck, Douglas Arnold, Jr Richmond, VA
 McMahan, Ryan Philip Carlisle, PA
 Meehan, Katie Marie Chesapeake, VA
 *Merinar, Grace Anne Moseley, VA
 *Mikell, Jennifer Gaillard Fairfax, VA
 **Miller, William Clarke Roanoke, VA
 Mixon, Ashley Erin Virginia Beach, VA
 Moravek, Garrick Scott Long Pond, PA
 Morgan, Michael Lee Ashburn, VA
 Muller, Brian James Christiansburg, VA
 ***Newcomb, Daniel Cody Monterey, VA
 *Norod, Leah Gene Clifton, VA
 Perkins, Vinson Daniel Smithfield, VA
 Price, Billy Ray, Jr Christiansburg, VA
 *Rider, Aaron Matthew Rural Retreat, VA
 Rooney, Andrew John Springfield, VA
 Saadat, Ziaeeden Ehson Winston-Salem, NC
 Sayles, Ashley Barbara Woodbridge, VA
 ***Schnitker, Jason Joseph Pace, FL
 *Seggel, Peter James Lavallette, NJ
 Sexton, Martin Oliver Virginia Beach, VA
 *Sheriff, Waheed Hassan Warrenton, VA
 *Shores, Jacob Neal Trappe, MD
 Short, Danielle Marie West Reading, PA
 Siteanu, Robert James Christiansburg, VA
 Smith, Albert James Chilhowie, VA
 Sparks, Ryan David Sugar Land, TX
 Sturkie, Hunter Ellsworth Winston-Salem, NC
 Thompson, Winston A Lynchburg, VA
 Threewitts, Patrick Blake Richmond, VA
 **Watkins, Jonathan Kyle Shawsville, VA
 Watson, Jonathan Lincoln Midlothian, VA
 Watson, Thomas Cody Williamsburg, VA
 Webster, Joel Thomas Ashland, VA
 White, Jody Donald Shaftsbury, VT
 ***Williams, Ashley Lynn Ashburn, VA
 Woolfolk, Samantha Megan Mineral, VA

HUMANITIES, SCIENCE, AND ENVIRONMENT

*Adell, Rachel E Landing, NJ
 Bitzan, Nicole Kinue Chesapeake, VA
 Breakell, Alexander Gill Roanoke, VA

Cobb-Ozanne, Ian Blacksburg, VA
 Crews, Anna Elizabeth Blacksburg, VA
 Demasi, Christopher Grant Stamford, CT
 Donovan, Matthew Wu Vienna, VA
 *Fu, Lanxing Herndon, VA
 **Johnson, Erin Elizabeth Radford, VA
 Mcwalters, Evan James Hamilton, VA
 **ΔRommel, Jeremy Arthur Centreville, VA
 Williamson, Trevor Beckett Bridgewater, VA

INTERDISCIPLINARY STUDIES

Bevins, Andrew Cody Blacksburg, VA
 Carey, Sarah Grace Stephens City, VA
 **Cook, Brittany Danielle Richmond, VA
 Decker, Copley Giles Leesburg, VA
 Dimas, Elvira Jamileth Manassas Park, VA
 Ehtesham, Sama Anisa Lynchburg, VA
 Hassan, Farhat Gaithersburg, MD
 ***Jones, Ashlynn Verneena Leesburg, VA
 *Michailow, Lydia Marisa Virginia Beach, VA
 Muthu, Sri S Blacksburg, VA
 Reed, Crystle Dawn Sterling, VA
 **Rezvan, Brenda Arlington, VA
 Roeder, Nicholas Joseph Olney, MD
 †Schuetz, Ronald Dennis, Jr Virginia Beach, VA
 **Selby, Margaret Mary Salem, VA
 Silipo, Lynda Marie Los Angeles, CA
 Simon, Susan Emily Chesapeake, VA
 Strawn, Harry Jackson Spotsylvania, VA
 Urrutia, Brian Patrick Blacksburg, VA
 ***Waters, Sarah Nicole Smithfield, VA

INTERNATIONAL STUDIES

***Ahn, Susan Jihae Springfield, VA
 *Askew, Caroline Barker Brentwood, TN
 Balatinos, Jennifer Connor Berwyn, PA
 ***Barham, Katelynn Elizabeth Woodbridge, VA
 Baum, Kaja Caroline Fredericksburg, VA
 Bhatti, Adina Alexandria, VA
 Bittle, Patricia Marie Rockwall, TX
 Bitzan, Nicole Kinue Chesapeake, VA
 *Bryant, Kathryn Dale Roanoke, VA
 Cherba, Elizabeth Meghan Chatham, NJ
 *Collins, Christina Lynn Yorktown, VA
 **Corson, Shannon Nicole Glen Gardner, NJ
 **DeFluri, Peter Robert IV Centreville, VA
 Dilles, Rachel Cara Vienna, VA
 Dubuisson, Will Thomas Anchorage, AK
 Fargis, Lauren Grace Richmond, VA
 Fitch, Jacqueline Marie Harrisonburg, VA
 Funk, Eric Justin Highland, MD
 Gaddis, Brennan Joseph Ridgefield, CT
 Gannon, Gregory Scott Chesapeake, VA
 **Gardner, Rebecca Christine Scogin Roanoke, VA
 *Gartlan, Rachel Anne Alexandria, VA
 ***Girma, Dawit Fairfax, VA
 *Grim, Olivia Meridith Stephens City, VA
 ***Hahn, Mary Elizabeth Chesterfield, VA
 Haugen, Matthew Michael Chesapeake, VA
 Hayward, Collin James Woodbridge, VA
 Jenson, Jessica Jade Chesterfield, VA
 Johnson, Jasmine Renee Woodbridge, VA
 Kalkstein, Kristina Lynn Scotch Plains, NJ
 Kendrick, Katherine Grace Herndon, VA
 **Kordula, Agata M Richmond, VA
 Kubba, Yasamin Leesburg, VA
 *Lee, Timothy Glenn, Jr Chesapeake, VA
 Levalley, Nathan David Woodbridge, VA
 Manders, Douglas Edward Arnold, MD
 *Mann, Elizabeth Chelsea Herndon, VA

*Manning, Jack Hudson Newtown, PA
 *Matallana, Alexandra Beatrice Staunton, VA
 ***ΦMcGuire, Michelle Rebecca Round Hill, VA
 McKew, Kelley Patricia Round Hill, VA
 Miller, Emily Catherine Allentown, PA
 Missailidis, Menen Leonidas Alexandria, VA
 Moriarty, Michelle Erin Arlington, VA
 *Morillo, Daniel Rafael Johns Creek, GA
 **ΦMurphy, Donal Patrick Haymarket, VA
 *Murray, Megan Rose Gibsonia, PA
 Nantz, Megan Cassandra Midlothian, VA
 *Nazaroff, Yelena Tiffany Sterling, VA
 Nestor, Christina Louise Richmond, VA
 *Nguyen, Linh My Virginia Beach, VA
 Niederriter, Kayla Michelle Manassas, VA
 **Powell, Katelyn Erin San Salvador, El Salvador
 **Rateau, Danielle Marie Richmond, VA
 Reckling, Jacqueline Paige Virginia Beach, VA
 Rehim, Maggie Nabila West Point, VA
 *Riggs, Allison Danielle Swan Point, MD
 Robinson, Kendal Anne Houston, TX
 Rohani-Shukla, Anush Richmond, VA
 Romero, Stephanie Araceli Alexandria, VA
 *Ryder, Callan Grace Roanoke, VA
 **Sachs, Landon Samuel Richmond, VA
 **ΦShedlick, Kevin Michael Centreville, VA
 **Shocket, Isabel Maijer Virginia Beach, VA
 Sisson, Andrew Kent Sterling, VA
 *Smith, Jesse Alan Woodbridge, VA
 Smith, Lehman Zellosis Alpharetta, GA
 Stahl, Kurt Thomas Virginia Beach, VA
 *Sullivan, Christopher John Norfolk, VA
 *Vician, Carlen Bjerke Woodbridge, VA
 *Walker, Katherine Lynn Kilmarnock, VA
 Weisbrod, Jarratt Glennon Richmond, VA
 *Witter, Zachary Chapel Hill, NC
 Yantis, Kelsey Lynne Herndon, VA
 Zaboli, Samantha Jalleh Sterling, VA

MUSIC

Arrington, Brittney Danyelle Bedford, VA
 Auwarter, Jared Anton Woodsboro, MD
 Baird, Robert Thomas Lorton, VA
 Cole, Brandon Michael Chester, VA
 ***Cook, Aaron Douglas Virginia Beach, VA
 **Corbliss, Dakota Conley Virginia Beach, VA
 *Cummins, Christopher Hancock Reston, VA
 Davenport, Claire Virginia Midlothian, VA
 Denniston, Jared Earl Alexandria, VA
 ***Eckert, Steven J Roanoke, VA
 ***ΦEdwards, Sarah Elizabeth Fairfax Station, VA
 Elder, John Fletcher Earlysville, VA
 ***Flake, Candice Morgan Stafford, VA
 **Fowler, Kristen Hope Poquoson, VA
 Gately, Kathleen Mangaser Centreville, VA
 George, Jenna Lee Herndon, VA
 Gonzales, Daniel Anthony Woodbridge, VA
 **Hoerauf, Christopher Andrew Sterling, VA
 **Johnson, Rebecca Jane Fairfax, VA
 **Luhring, Daniel Lewis Virginia Beach, VA
 **Lundy, Samuel Tyler Chilhowie, VA
 McDonald, Tyler Mark Blacksburg, VA
 McKenzie, Carolyn Cecelia Charlottesville, VA
 Moravek, Garrick Scott Long Pond, PA
 Salisbury, Victoria Rose Parkersburg, WV
 Schneider, Laura Elizabeth Hot Springs, VA
 Schrettner, Marla Jolene Fairfax, VA
 **Tang, Serena Juan Glen Allen, VA
 Turner, Matthew Wells Martinsville, VA
 Vogler, Laura Claire Winchester, VA
 *Wilson, Andrew Jesse Roanoke, VA

PHILOSOPHY

**Campbell, Jason Scott Chesapeake, VA
 Carpin, John Caleb Richmond, VA
 Ehtesham, Sama Anisa Lynchburg, VA
 Iruvanti, Sirisha Sayi Yorktown, VA
 Jarboe, Rebecca Lyndsey Charlotte Hall, MD
 *Jernigan, Elliott Textor Alexandria, VA
 Johnson, Jasmine Renee Woodbridge, VA
 **Lee, Richard David Alexandria, VA
 ***ΦLevy, Hannah Hoffner Alexandria, VA
 Lindsay, Alexander Edward Yorktown, VA
 Love, Guy Benjamin Mitchell Meadowview, VA
 ***ΦMcCormick, Meaghan Kara Haymarket, VA
 Nguyen, Ngoc-Anh Christina Dunn Loring, VA
 **Overcash, Justin Michael Blacksburg, VA
 ***ΦPelham, Sarah Muriel Fredericksburg, VA
 Rais, Saadia Subah Blacksburg, VA
 Robertson, Courtney Brooke Virginia Beach, VA
 Schumann, Roland Weyburn IV Chevy Chase, MD
 ***Φ♣Seltzer, Dieter Reinhardt Manassas, VA
 Tello, Jonathan Hopewell, NJ

POLITICAL SCIENCE

**ΦAI Eryani, Ausan Yahya Falls Church, VA
 **Atkinson, Paul Tulane Ashland, VA
 *Baig, Sameea Rauf Woodbridge, VA
 Banks, Jasmine Noel Blue Ridge, VA
 ***§Baroncelli, John Elliott Woodstock, VA
 Belcher, Caitlin Mae Fredericksburg, VA
 Berkle, Cameron H Goochland, VA
 Boyle, Brian Connor Harrisonburg, VA
 Brodarick, Ryan Christopher Southold, NY
 Brooks, Dylan Hamilton Blacksburg, VA
 Brooks, Kelly Michelle Chesterfield, VA
 Campbell, Lauren Nicole Chester, VA
 *Collick, John William III Suffolk, VA
 ***Cooper, Matthew Carl Elkton, MD
 Coralde, Philip Jordan Dumfries, VA
 Corridon, Bridget Anna Alexandria, VA
 *Cronlund, Leah Elizabeth Sterling, VA
 **Cunha, Anne Rochele Blacksburg, VA
 *Cunningham, Brianna M West Orange, NJ
 *Dillon, Lindsay Elizabeth Richmond, VA
 ***‡Dounoucos, Victoria Ashton Greensboro, NC
 Dudley, Mary Frances Richmond, VA
 Eberly-Howerton, Andrew Joseph Keswick, VA
 Fetterolf, Colton Scott La Plata, MD
 Firoz, Khurram Sterling, VA
 Forbach, David Edward Fairfax, VA
 Freeman, Cole Gregory Fresno, CA
 Garcia-Laffitte, Heather Nicole Spotsylvania, VA
 **Gill, Jordan Rollins West Plains, MO
 Gorine, Leonid Andrei Reston, VA
 Griffin, Andrew Stephen Lynchburg, VA
 Hall, Samuel James Sumter, SC
 Hays, Abigail Marie Waldorf, MD
 Henry, William Scot Richmond, VA
 Heth, Sarah Frances Lemont, IL
 Higginbotham, Robert Kent Orange, VA
 **Holly, Samantha Rae Swoope, VA
 Hudnutt, Charlotte Elisabeth Midlothian, VA
 Hughes, James Alexander Forest, VA
 Hurt, Matthew Kyle Bluefield, VA
 **ΦKnodell, Megan Jude Ashburn, VA
 Lahr, Weston Otto Fairfax, VA
 Lansford, Rebecca Marie Fredericksburg, VA
 Lett, David Reeve Indianapolis, IN
 Lien, Jamie Alexandra Manassas, VA
 **Lukish, Thomas James III Midlothian, VA

**ΦMadden, Nicole Elizabeth Burke, VA
 Managuio, Mark Michael Norfolk, VA
 Marotto, Daniel Edward Fairfax, VA
 *McAleese, Kevin James Stafford, VA
 ***‡McCormick, Meaghan Kara Haymarket, VA
 Monk, Brandon Hardy Winchester, VA
 Moore, Madison Marie Richmond, VA
 Newell, Ian Adams El Paso, TX
 Newman, Paige Colby Chapel Hill, NC
 Nguyen, Aimee Fairfax Station, VA
 ***Noe-Payne, Mallory Marguerite Richmond, VA
 O'Grady, Benjamin William Philadelphia, PA
 **Ogden, Tyler Preston Herndon, VA
 Pasion, Jonas Sy Valencia, CA
 ***Peter, Stephen John Burke, VA
 Peterson, Zachary Alan Fairfax, VA
 Phipps, Samuel Ryan Mouth of Wilson, VA
 Pittalwala, Vandana Ashokchandra Aldie, VA
 Platt, Abigail Leigh Stafford, VA
 Poskas, Zachary Wayne North Tazewell, VA
 Powers, Andrew Benjamin Fairfax, VA
 Pratt, Joshua Michael Novi, MI
 ***Ray, Alexander Bayle Virginia Beach, VA
 Recktenwald, Daniel Christian Durham, NC
 Roberts, James Garrett Richmond, VA
 *Roth, Wendy Anne Paris, VA
 Rowe, Nicholas Emerson Blacksburg, VA
 Sharper, Allison Jordan White Plains, MD
 Shea, John Joseph Edison, NJ
 Showalter, Scott Alexander, Jr Ashburn, VA
 *Sykes, Tiffany Denise South Boston, VA
 Thomas, Hannah Teresa Tampa, FL
 Thomas, Raymond Christopher Emmaus, PA
 Thurston, Chelsea Lynn Richmond, VA
 Treubert, Kyle Edward Haymarket, VA
 **VanDerMolen, Glen Louis Blacksburg, VA
 Waddell, William Ryan Virginia Beach, VA
 Waldrop, Claire Pendleton Montpelier, VA
 Weaver, Brandon Dale Purcellville, VA
 *Weaver, Ross Woodson Powhatan, VA
 ***Wenska, Elizabeth Adeline Williamsburg, VA
 ***Wood, Kelly Estelle Alexandria, VA
 Zhu, Ailin Rockville, MD

THEATRE ARTS

*Abrams, Katherine Michelle Pembroke, VA
 Burns, Alexander William Harrison Reston, VA
 **Clingman, Marlo Diana Clifton, VA
 Eakin, Noah Parker Fredericksburg, VA
 Enkh-Amar, Uguumur Roanoke, VA
 Fields, Felicia Loretta Newport News, VA
 *Fu, Lanxing Herndon, VA
 Hunter, Benjamin L Roanoke, VA
 Jeffreys, Samantha Christa Richmond, VA
 ***ΦKatz, Julia Anne Falls Church, VA
 **Keller, Julianne Grace Alexandria, VA
 Kosnett, Nicole Aliye Dunn Loring, VA
 Kristofek, Zachary Allen Bristol, VA
 Massie, Michael Ray, Jr Manakin-Sabot, VA
 Mullen, Jacqueline Mackenzie Great Falls, VA
 Robertson, Sara Elizabeth Ruffalo Danville, VA
 *Sandifer, Lindsey J Manassas, VA
 Sarvay, Jordan Michael Richmond, VA
 Schott, Matthew Bryan Reston, VA
 Walker, Jonathan Samuel Salem, VA
 Wedin, David A Bryan, TX
 Wong, Lisa Kelly Germantown, MD

BACHELOR OF ARTS IN FOREIGN LANGUAGES

FOREIGN LANGUAGES/CLASSICAL STUDIES

**Burchard, Jacob Harrison	Culpeper, VA
Cunningham, Michael Walter, Jr	West Orange, NJ
***ΦDulaney, Jarrid McKay	Christiansburg, VA
***ΦEdwards, Sarah Elizabeth	Fairfax Station, VA
*Greer, Gabriella Noel	Virginia Beach, VA
**Hoag, Elia Marie	Bluemont, VA
Hryczaniuk, Brittney Jane	Louisa, VA
***Katz, Julia Anne	Falls Church, VA
**Vo, Jennifer Phuong-Thao	Falls Church, VA
***Williams, Ashley Lynn	Ashburn, VA

FOREIGN LANGUAGES/FRENCH

***McGann, Nora Margarete	Ashburn, VA
*Murray, Megan Rose	Gibsonia, PA
Nyman, Juhani Ilkka	Washington, DC
Oravec, Brittany Nichole	Ashburn, VA
Stage, Krys Alyn	Virginia Beach, VA

FOREIGN LANGUAGES/GERMAN

**ΦAppel-Schumacher, Margaret Leigh	Mackenbach, Germany
**Archer, Samuel Gordon	Richmond, VA
Darden, Kirsten Alexandra	Richmond, VA
*Denney, Nicholas Forari	Charlottesville, VA

FOREIGN LANGUAGES/SPANISH

Batres, Tamara Carolina	Manassas Park, VA
**Callahan, Eileen Ruth	Annandale, VA
*ΦCaracciolo, Alexandra Sophia	Newtown, CT
***Croll, Chelsea Marie	Clear Brook, VA
*Dottery, Kayla Lavon	Manassas, VA
**Erickson, Sydney Judith	Alexandria, VA
Haugen, Matthew Michael	Chesapeake, VA
Herrera, Sandra Michelle	Silver Spring, MD
Honeycutt, Barbara Ann	Williamsburg, VA
*Huddle, Johanna Mary	Charlotte, NC
***Jayaweera, Avanthi Rasadhari	Herndon, VA
**Kordula, Agata M	Richmond, VA
Leet, Rebecca Whitney	Eggleston, VA
**Marchetti, Chase Nathaniel	Chesapeake, VA
Martinez, Rodrigo Roye	Arlington, VA
Oglesby, Midori Amae	Leesburg, VA
***ΦSullivan, Juliana Baptista	Marion, VA
***Talaie, Tara	Great Falls, VA
Whitehead, Katelynn Gail	Windsor, VA
Wimer, Christopher Daniel	Staunton, VA

BACHELOR OF SCIENCE

APPAREL, HOUSING, AND RESOURCE MANAGEMENT

Alderman, Michelle Lynn	Chesapeake, VA
Amegashie, Yvonne Maafoa	Woodbridge, VA
Artis-Gray, Jeffrey Lynn	Chesapeake, VA
***Blanton, Kaleigh Sarah-Scott	Richmond, VA
Bower, Travis Wayne	Roanoke, VA
Brooks, Jaymes Marquis	Newport News, VA
Bryant, Megan Elizabeth	Clifton Forge, VA
Burns, Taya Marin	Hampton, VA
Carey, Alexis Danielle	Charlottesville, VA
Carey, Maegan Elizabeth	Fairfax, VA
*Castellano, Jacqueline Ashley	Verona, NJ
Cayanong, Jason Michael	Alexandria, VA
Clark, Telvion Grey	Norfolk, VA
Craig, Elizabeth Marie	Stafford, VA

*Dofflemeyer, Meghan Linnea	Lovettsville, VA
Dominick, Kelsy Elaina	Haymarket, VA
Douglas, Alexander Melvyn	Gaithersburg, MD
Ejigu, Michael Teshome	Washington, DC
Fletcher, Sarah Kelly	Pittsburgh, PA
Forbes, Denis Scott	Richmond, VA
Fronteras, Vincent Cubillo	Virginia Beach, VA
Garcia, Sabrina Grace	Centreville, VA
Garnett, Jarrod Vincent	Newark, DE
Gavarkavich, Megan Joy	Round Hill, VA
Gilmartin, Kelly Anne	Gloucester, VA
Godwin, Paige Victoria	Fredericksburg, VA
Graham, Amanda Paige	Nelson, VA
Griggs, Justin Meade	Fairfax Station, VA
Grove, Helenah Braxton	Richmond, VA
Hamma, Danae Emily	Kennett Square, PA
Harrell, Laura Michelle	Chesapeake, VA
Higgins, Charles Clayton	Weddington, NC
Hill, Erin Elizabeth	Phoenix, MD
Hinsdale, John Lucas	Johns Creek, GA
Hodges, Ryan Matthew	Mechanicsville, VA
Hoepker, Eric Charles	Haymarket, VA
Holbrook, Adam Paul	Madison, VA
Hosley, Jayron T	Delray Beach, FL
*Hudgins, Holly Jeanne	Blacksburg, VA
Hurd, Cameron Michael	Roanoke, VA
Kelly, Catherine Marie	Reston, VA
Kennedy, Kyle Harrison	Rocky Gap, VA
Kiechlin, Erica Nicole	Ashburn, VA
Kim, Steven Taesung	Alpharetta, GA
Kirk, Kayleen Raye	Stafford, VA
*Kwon, Shilla	York, PA
Labitan, Clark Anthony	San Diego, CA
*Lyons, Katherine Wong	Clifton, VA
Mabardy, Brooke Ashley	Bluefield, VA
Maloney, Christine Marie	Rockville, MD
Mantipty, Joseph Newman	Blacksburg, VA
**Martin, Kelsey Marie	Roanoke, VA
McGuire, Madeline Blaine	Strasburg, VA
*Miles, Kelly Lauren	Fairfax Station, VA
Miller, Kyle Christopher	Blacksburg, VA
Miller, Tori Rae	Front Royal, VA
Moyers, Michael Guidon	Blacksburg, VA
Naftzger, Kristin Michelle	Potomac Falls, VA
Orsa, Jacqueline Kathleen	Clifton, VA
Overstreet, Kayla Rae	Galax, VA
**Overton, Ashley Victoria	Virginia Beach, VA
Owsley, Susan Elaine	Gloucester, VA
**Paluszek, Elizabeth Anne	Norfolk, VA
Phillips, Brandy Lynn	Floyd, VA
Powers, Bridget Deirdre	Baltimore, MD
Rudolph, Caroline Elizabeth Butler	Midlothian, VA
*Savvides, Mia E	Midlothian, VA
Scruggs, Kristina Elizabeth	Staunton, VA
*Semones, Kristin Nicole	Westminster, MD
*Shapiro, Mitchell Isiah	Stamford, CT
Shoemaker, Amelia Marie	Suffolk, VA
Showker, Sarah Elizabeth	Waynesboro, VA
Simcox, Melissa Antionette	Bristol, VA
Sutton, Rebecca Helene	Norfolk, VA
Swecker, Morgan Elizabeth	Mechanicsville, VA
**Tabb, Angela Godwin	Richmond, VA
Tanney, Megan Frances	Maple Glen, PA
Thompson, Lauren Ashley	Collinsville, VA
Tompkins, Julia Nelson	Hilton Head, SC
Travis, Victoria Freeman	Richmond, VA
Trivett, William Douglas	Colonial Beach, VA
Tung, Diana	McLean, VA
Untiedt, Megan Ann	Mt. Sidney, VA
*Vicroy, Abbey Breen	Yorktown, VA
**Werner, Neil Raymond	Richmond, VA
Weyant, Natasha Johana	Lorton, VA
Winfield, Brittany Cameron	Poolesville, MD
Winters, Charles Ross	Annandale, VA

Wood, Brian Michael Roanoke, VA

HUMAN DEVELOPMENT

*Aasen, Annie Elizabeth Charlottesville, VA
Adams, Analise Nicole Blacksburg, VA
*Adams, Mackenzie Kelly Bel Air, MD
Aloe, Julia Sophia Pittsburgh, PA
**Arsenault, Karley Maxine Roanoke, VA
*Baarendse, Cara Elizabeth Mason, OH
**Beddingfield, Sarah June Salem, VA
**Berlin, Kathryn Elizabeth Herndon, VA
**ΔBerry, Caitlyn Elizabeth Mechanicsville, VA
Boardwine, Ashley Nicole Saint Paul, VA
Breitenbach, Margaret Lynn Culpeper, VA
**Brown, Emily Margaret Richmond, VA
**Bugas, Abigail Leigh Rockville, VA
Burrell, Hilary Anna Woodford, VA
Carlisle, Patricia Inez Mechanicsville, VA
Cochran, Anna Christine Dublin, OH
Collins, Lanford Lawrence, Jr Stafford, VA
Conway, Jessica Leigh Stephens City, VA
*Cook, Jill Ellen Verona, VA
***Coulter, Rachel Anne Oakton, VA
Cox, Denise Valeria Centreville, VA
Craft, Amanda Marie Prince George County, VA
**Dalton, Alison Logan Salem, VA
Daniels, Kaylin Leigh Chantilly, VA
***Dodson, Andrea Leigh Prince George, VA
***Dorwin, Kristene Marie Richmond, VA
***Dougherty, Patricia Irene Cape May Court House, NJ
***Dowd, Raleigh D Smithfield, VA
Dragoi, Lindsey Michele Herndon, VA
*Dunn, Kelsey-Marie Leesburg, VA
East, Ashley Michelle Elliston, VA
*Ecenrode, Nikki Kay Charlottesville, VA
Ellithorpe, Jenna Kathryn Middletown, NJ
Erbes, Sarah Alexandra Haymarket, VA
Fincher, Jayla Eileen Ashburn, VA
Fox, Kaylee Elisabeth Luray, VA
Frank, Christopher Matthew Stephens City, VA
Gauthier, Austin Lee Berwyn, PA
German, Kayla Michelle Centreville, VA
*Gettler, Christa Elizabeth Herndon, VA
*Gillies, Kaitlyn Nicole Stafford, VA
*Goodwin, Mary Claire Elizabeth Vienna, VA
Gregory, Tony L Virginia Beach, VA
**Hale, Sarah Ann Richmond, VA
Hansen, Courtney Michelle Leesburg, VA
Hapner, Brittany Elizabeth Waldorf, MD
**Hicks, Morgan Elizabeth Centreville, VA
Hiller, Bridget Mary Parkton, MD
Hoeffling, Shelby Florence Falls Church, VA
***ΔHoffman, Alexandra Joanna Chester, VA
Holman, Kristen Leigh Lynchburg, VA
**Huenerberg, Kristen Marie Norfolk, VA
**Hwang, Hannah Jean Fairfax, VA
Iselin, Cara Marie Burke, VA
Jackson, Kathryn Michelle Singapore
Jackson, Retta Nichole Wytheville, VA
Jenkins, Kara L Strasburg, VA
Jett, Emily Anne Carrollton, VA
Jones, Lauren Courtney Carson, VA
Joyner, Amber lee Newport News, VA
Kade, Geoffrey Thomas Bluefield, VA
*Keeler, Maxie Grace Arlington, VA
Kennedy, Megan Elizabeth Salem, VA
*Kerestesy, Ariane Rachelle Leesburg, VA
Kim, Christina Yulee Midlothian, VA
King, Alexandra Adele Woodbridge, VA
King, Hailey Elizabeth Norfolk, VA
**Knott, Laura Elizabeth Churchville, VA
Kroh, Katherine Elizabeth Vero Beach, FL
Kruklski, Emily Elizabeth St. Petersburg, FL

*Lawman, Melinda Blair Midlothian, VA
***Ledoux, Megan Reilly Fairfax, VA
**Lee, Haley Bohyun Yorktown, VA
Leonard, Kayla Renee Blue Ridge, VA
*Liskey, Megan Starr Bridgewater, VA
Lotz, Julie Ann Forest, VA
Marrin, Erica Nicole Staunton, VA
**Marshall, Madalyn Lorraine Staunton, VA
Martin, Megan Elizabeth Roanoke, VA
Masanque, Melanie Andrea Leesburg, VA
**Mayrose, Shannon Leigh Freehold, NJ
McCusker, Melanie Hannah Sterling, VA
McKissick, Victoria Lynn Midlothian, VA
McNeil, Kathryn Leigh Marion, VA
Mellen, Alexandra McShane Fort Belvoir, VA
*Michailow, Lydia Marisa Virginia Beach, VA
Moehrl, Ariel M Plainsboro, NJ
Morck, Erika Paige Mechanicsville, VA
Morehouse, Kristen June Fredericksburg, VA
Morrow, Audra Hannah Cedar Bluff, VA
Myers, Sophie Alisa Raleigh, NC
*Nagourney, Caitlin Jean Virginia Beach, VA
O'Neill, Morgan Shannon Atherton, CA
Oliveri, Vincent Thomas Midlothian, VA
Olocco, Daniela R Arlington, VA
**Ragland, Jadee Renee Richmond, VA
**Rawls, Brittany Chafin Suffolk, VA
Robles, Emily Anne Virginia Beach, VA
***Romig, Tara Corinne Fairfax, VA
***Rommel, Nicolet June Salisbury, MD
Ryan, Sarah Louise Blacksburg, VA
*Sakoda, Leah Rachel Fairfax Station, VA
Scipioni, Rebecca Anne Sterling, VA
Scott, Leigh Marissa Herndon, VA
Shepherd, Samantha Ashley Radford, VA
***Stargardt, Tatum Kayelyn-Khrystine Chesterfield, VA
*Stiff, Christina Leigh Yorktown, VA
Still, Allison Jane Short Pump, VA
*Straw, Brenna Elizabeth Blacksburg, VA
*Sullivan, Lauren Elizabeth Herndon, VA
Surratt, Kaitlyn Victoria Harrisonburg, VA
*Svatos, Sarah Elizabeth Glen Allen, VA
***ΦSwanton, Mary Catherine Annandale, VA
*Templeton, Kristin Addie Chesterfield, VA
Thai, An Xuan Falls Church, VA
*Tianti, Sarah Elizabeth Alexandria, VA
Trent, Sarah Elizabeth Charlotte Court House, VA
Viari, Dustin Hunter Amherst, VA
*Vu, Dorothy Thuy Fairfax, VA
Wacker, Madeline Sellers Purcellville, VA
Ward, Kaitlin Nicole Yorktown, VA
Webb, Carrie Christine Lynchburg, VA
*Webb, Kelly Elizabeth Lynchburg, VA
Whitaker, Rachel Ann Blacksburg, VA
Wieser, Anna Caroline Springfield, VA
*Williard, Sarah Occiano Blacksburg, VA
Wilson, Aerial Monae Cocoa, FL
Wimer, Christopher Daniel Staunton, VA
Wymer, Olivia Diane Winchester, VA

SOCIOLOGY

*Ainsworth, Emily Elizabeth Harwood, MD
Arroyo, Eric Calderon Oxnard, CA
Balisteri, Anthony Michael III Blacksburg, VA
Barnette, Matthew William Alexandria, VA
Baron, Cameron Patrick Virginia Beach, VA
Bowser, Mitchell Andrew Charlottesville, VA
Bricker, John Williams Midlothian, VA
Brown, Roger William, Jr Silver Spring, MD
Burns, Jennifer Elizabeth Ashburn, VA
*Byrd, Kenneth Andrew Suffolk, VA
Carrier, Mark Steven, Jr Sedley, VA
Clark, Rachel Radford Jacksonville, NC

Coles, Donald Maurice Goochland, VA
 DaDamio, Nicole Francesca Vienna, VA
 *Dellospedale, Salvatore Anthony Stanardsville, VA
 Duffin, Erin Grace Roanoke, VA
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 Fargis, Lauren Grace Richmond, VA
 Frank, Adam Donald Alexandria, VA
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 Frost, Jeremiah David Greencastle, PA
 Fuller, Corey Alexander Baltimore, MD
 Gayman, Benjamin Samuel Chambersburg, PA
 **Giancola, Angelina Elizabeth Dora Centreville, VA
 Grandstaff, Christopher Micah Luray, VA
 Green, Erick O'Brien Winchester, VA
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 *Ilang-Ilang, Earnst Del Rosario II..... Ashburn, VA
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 Kewer, Taylor John Springfield, VA
 **Kiefer, Felicia Beth Potomac, MD
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 Kwon, Connie Eun-hae Centreville, VA
 ***Lanza, Ashleigh Elizabeth Woodbridge, VA
 **ΦLee, Erica Alonte Virginia Beach, VA
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 *McKenna, Nathan Riley Rural Retreat, VA
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 *Fowler, Mark Alexander Mechanicsville, VA
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 **Green, Kenneth Roy Williamsburg, VA
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 **McNish, Shannon Nicole Herndon, VA
 *Moini, Corinne Roshan Blacksburg, VA
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 ***ΦRobertson, Zachary Lee Glade Spring, VA
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 **Sanderson, Claire Emily Blacksburg, VA
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 Burciaga, Brandon Michael Herndon, VA
 *ΔBuzalino, Franco Jose Haymarket, VA

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 Carmean, Richard Nicholas Ashburn, VA
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 Choi, Hanbyeol Fairfax, VA
 Chopra, Visheshta Fairfax, VA
 **ΔClark, Meghan Ruth Harrisonburg, VA
 Connell, Margaret Elizabeth Dublin, OH
 Crow, Kevin Joseph Chesapeake, VA
 *Dabasinskas, Kristin Michelle Lakewood Ranch, FL
 **Damare, Jared Matthew Sterling, VA
 *§Davis, Rachel Elizabeth Christiansburg, VA
 *Dayton, Taylor Alexandria Yorktown, VA
 Dean, Kaitlyn Elizabeth Fredericksburg, VA
 Dillera, Andrew Acenas Chesapeake, VA
 **Draper, Teri Lynn Chesapeake, VA
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 Estes, Pamela Louise Centreville, VA
 Fagan, Erin Marie Blacksburg, VA
 *Gallagher, Caroline Rhea Glen Allen, VA
 *Girello, Sara Marie Woodbridge, VA
 Godsell, Heather Elise Chesapeake, VA
 Green, Harry Elias V Poquoson, VA
 Guy, Heather Faye Marion, VA
 Hernandez, Andrew Roberto Fredericksburg, VA
 Huang, Angela Tu Roanoke, VA
 Hurd, Charles William-Wesley Virginia Beach, VA
 *Jacobson, Jessica Marie Gainesville, VA
 ***ΦKashanian, Sarah Marie Fairfax, VA
 Keul, Nicholas Donald Harrisburg, NC
 Ladden-Stirling, Alyson Paige Ashburn, VA
 Laoh, Kevin Benedictus Blacksburg, VA
 LaPosa, Christina Alexandra Eldersburg, MD
 **Lea, Julia Cathryn Chesapeake, VA
 *Lee, Michael Y Blacksburg, VA
 Lee, Murphy Blacksburg, VA
 Mahmud, Fariha Centreville, VA
 Marand, Alexandre Pierre Blacksburg, VA
 Mathur, Karan Ashburn, VA
 ***Mattingly, Aaron Joshua Newport News, VA
 McFarlane, Azure Alanna Chesapeake, VA
 *Mlynczak, Katherine Ashley Yorktown, VA
 ***O'Brien, Kaitlin Elizabeth Springfield, VA
 ***ΦO'Connell, Caitlin Elizabeth Haymarket, VA
 Oser, Joel Grayson Chesterfield, VA
 Owens, Anne Fleet Tucker Hendersonville, TN
 Panday, Prakriti Prabha Falls Church, VA
 *Patton, John Harrison Leesburg, VA
 Price, Rebecca Jean Marion, VA
 Quinn, Russell Louis Towson, MD
 Rasmussen, Paul Henrik Hillsborough, NJ
 Sawyer, Catherine Lynn Virginia Beach, VA
 **ΦScrivani, Patricia Claire Charlottesville, VA
 Semple, Christopher Colin Radford, VA
 Shim, Dennis Bo Old Tappan, NJ
 **‡Shirey, Carolyn Mullane Downingtown, PA
 ***Simon, Laura Elaine Anastasia Simpsonville, SC
 *Singhla, Rhea Leesburg, VA
 Sinni, Erica E Dudley, MA
 *Steady, Sarah Elizabeth Hilton Head Island, SC
 Steves, Ryan Phillip Warrenton, VA
 ***ΦTa, Julie Hong Chantilly, VA
 Tailor, Vimal Bhupendrakumar Chesterfield, VA
 ***ΦTalaie, Tara Great Falls, VA
 Trapani, Charles Tyler Norfolk, VA
 **Triantafyllou, Max Andrew Winchester, VA
 ***Tzur, Lihl Blacksburg, VA
 *Vahidi, Nima Sterling, VA
 Vance, Ann Clarke Fredericksburg, VA
 Vu, Philene Dung Fairfax, VA
 Wachtel, Candice Nikole Norman, OK
 *Weidman, Erika Leigh Alexandria, VA

Weirick, Kelly Eileen Falls Church, VA
 Yohe, Kerri Anne Roanoke, VA
 ***Yonish, Brian George, Jr. Clifton, VA
 **♦Yoon, Caroline E Clifton, VA
 Young, Kevin Howard Leesburg, VA

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Abraham, David Pothen Midlothian, VA
 Acheampong, Bridget Serwaa Woodbridge, VA
 *Adams, Kellie Elizabeth Chesapeake, VA
 ***Agbayani, Maxlorenzo Martinsburg, WV
 Alderman, Cody Neil Hillsville, VA
 Aliaj, Denis Gainesville, VA
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 Bailey, Joelle Brianna Lovettsville, VA
 Baker, Courtney Bridget Forest, VA
 Bales, Rachel Christian Rustburg, VA
 **Balkcom, Sarah Caitlin Middletown, VA
 **Ball, Morgan Leigh Centreville, VA
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 **Bond, Charles Thomas Windsor, VA
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 ***ΦButler, Kelsey Michele Manassas, VA
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 ***Carlson, Melanie Lynn Christiansburg, VA
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 **Holston, Sara Elizabeth Pulaski, VA
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 **ΦHurley, Tanner McClane Hickory, NC
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 **Hwang, Chi Hyun Herndon, VA

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*Kim, Dongsoo	Centreville, VA	Ott, Christopher Philip	Fishersville, VA
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Lilliston, Logan Gordon	Melfa, VA	Rhodes, Amanda Leigh	Roanoke, VA
Lindsay, Alexander Edward	Yorktown, VA	Rhodes, Ashley Grace	Stafford, VA
*Logwood, Anita Marie	Kirkland, WA	*Riggs, Jeremy Wayne	Virginia Beach, VA
Long, Emily Kathleen	Sugar Grove, VA	*Rinker, Michael Edward	Edinburg, VA
**Love, Ashley Caroline	Bumpass, VA	Robertson, Courtney Brooke	Virginia Beach, VA
Luu, Christine Thuy-Phuong	Annandale, VA	Robertson, Ethan Charles	Hastings, Australia
Lytton, Briana Erin	Blacksburg, VA	*Robison, James Jesse	Ft. Lauderdale, FL
***♦Mack, Erin Lauren	Springfield, VA	Rodgers, Kathryn Fitzpatrick	Clarksville, MD
Mahal, Nirmen	Ashburn, VA	Rogers, Sarah Kavanaugh	Blacksburg, VA
Malone, Brian Edward	Rockaway, NJ	Ropelewski, Jessica Morgan	Midlothian, VA
***Marsh, Charlotte Marion Lilly	Reading, MA	Rosenberger, Blake Jeffrey	Elizabethtown, PA
Martin, Whitney Elizabeth	Chesapeake, VA	***§Runde, Brendan James	Mechanicsville, MD
Maryfield, Michelle Anne	Falls Church, VA	Russell, Walter Thomas III	Onancock, VA
**Mattingly, Aaron Joshua	Newport News, VA	Ryan, Patrick James	Hampton, VA
Mays, Kevin Layne, Jr	Culpeper, VA	***ΦSafaai-Jazi, Amir-Arsalan	Blacksburg, VA
McAlister, Scott Cranshaw	Haymarket, VA	Samuels, Benjamin J	Seven Fields, PA
**McCabe, Elizabeth Mary	Virginia Beach, VA	**Seidler, Kelly Margaret	Bayville, NJ
**McDaniel, Meredith E	Wytheville, VA	Sepahi-Ziyaeen, Natasha Leily	Sterling, VA
ΦMcGeagh, Michael James	Glade Spring, VA	*Shields, Daniel Wayne, Jr	Yorktown, VA
***McIntyre, Riley Megan	Ellicott City, MD	Shing, Lee-Pin	Blacksburg, VA
***♦McIver, Kaitlyn Nicole	Palmyra, VA	*Shiraishi, Katie Jeanne	Sterling, VA
Meneghini, Caitlin Marie	Newport News, VA	***♦Shirk, Kelsey Lee	Chesapeake, VA
Meng, Bowen	Blacksburg, VA	***ΦShlossman, Michael James	Lorton, VA
*Merchant, Ryan Nikolaus	Glen Allen, VA	Shrestha, June	Vienna, VA
**♦Merring, Julianne Erin	Budd Lake, NJ	*Sinesi, Allison Marie	Chesapeake, VA
Merritt, Michael Clive	Spotsylvania, VA	*ΦSingh, Karandeep	Fairfax Station, VA
Miller, Beckton Ryan	Midlothian, VA	Sistare, Kathryn Lyon	Ashburn, VA
Miner, Ann Katherine	Hampton, VA	Sklinka, Halie Rebecca	Atlanta, GA
Mishra, Apoorva	Moscow, Russia	Skolrood, Erik Robert	Roanoke, VA
Mitrev, Alisha Victoria	Chesapeake, VA	Soderholm, Adam Michael	Hampton, VA
**ΦModiin, Amy Michelle	Staunton, VA	Song, Jeehyun	Annandale, VA
**Moon, Caroline Sung Un	Chesterfield, VA	Steendam, Martijn Sebastiaan	Norfolk, VA
***Morsch, William Scott	Sterling, VA	Stephens, Calvin Jacob	Stephens City, VA
**Moseley, Caroline Elizabeth	Mount Airy, NC	Stevenson, Julia K	Blacksburg, VA
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***‡Mulholland, Grace Evelyn	Freehold, NJ	Strom, Alyssa Catherine	Woodbridge, VA

*ΦStucke, Adam Donald Lynchburg, VA
 Stukes, Ayana Renee Nokesville, VA
 *Sun, Curtis Roy Fairfax, VA
 *ΦSung, Jong-Hoon Fairfax, VA
 **Sunkin, Emily Anne Ashburn, VA
 Surface, Alexandra Nichole Troutville, VA
 Tabot, Steven E Centreville, VA
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 Tatge, Jaclyn Elizabeth Oak Hill, VA
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 *Tran, Michelle Le Herndon, VA
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 Waldron, Kathryn Louise Cazenovia, NY
 ***Walker, Ian Emerson Rixeyville, VA
 *Walker, Victoria Nicole Chesapeake, VA
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 Whittington, Bryan Mark Vienna, VA
 Williams, Taylore Olivia Hampton, VA
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 **Wilson, Aaron Jodie Virginia Beach, VA
 **ΦWilson, Nina Marie Chesapeake, VA
 *Wolfe, Daniel Thomas Sterling, VA
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 Dinkelmeyer, Thomas John Alexandria, VA
 Grimm, Jay Paul Gloucester, VA
 Heim, Emily Marie Pearisburg, VA
 Houghton, Dennis James, Jr Virginia Beach, VA
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 Kiernan, Zachary William Virginia Beach, VA
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 *Lee, Michael Y Blacksburg, VA
 May, Jeffrey Alan Fishersville, VA
 *McDonald, David Charles II Sterling, VA
 ***ΦMotley, Tyler Chase Ringgold, VA
 *Mullins, Kyle Patrick Manassas, VA
 Nam, Geewoo Blacksburg, VA
 Schiano-Moriello, Giovanni Spotsylvania, VA
 Shelley, Lauren Elizabeth Roanoke, VA
 Smith, Tyler Michael Stafford, VA

*ΦSteiner, James David Chesapeake, VA
 Stone, Brittany Nicole Richmond, VA
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 Willey, Tyler David Woodbridge, VA

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 **Shaikh, Obai Nabeel Dhahran, Saudi Arabia
 Willis, Megan Renee Ararat, VA

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 Brown, Heather Lauren Stafford, VA
 *Burkard, Andrew Michael Hamilton, VA
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 **Casey, Thomas Joseph Ashburn, VA
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 *Corder, Scott Matthew Manassas, VA
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 ***Haskell, David Liang Blacksburg, VA
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 *Huynh, Sean Huy Annandale, VA
 Johnson, Gregory Alan Galax, VA
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 **King, Kevin Michael Frederick, MD
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 *Lawless, Peter Andrew Vienna, VA
 †Leshner, Emily Elizabeth Chester, NJ
 Lewellen, Jacob Andrew Gloucester, VA
 **Lind, Frederick John IV Emmaus, PA

Lowery, Michael Douglas Fredericksburg, VA
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 *McDonald, David Charles II Sterling, VA
 Meek, Jeremy Joseph Sugar Grove, VA
 Mitchell, William Korte Suffolk, VA
 Morris, Stephanie Lynn Front Royal, VA
 Murray, Anne-Claire Marie Glen Allen, VA
 ***Naper, Michael Daniel, Jr Gibsonia, PA
 Navarro, Isabel Vienna, VA
 Nuhn, Christopher Allen Greensboro, NC
 Orem, Christopher Michael Clifton, VA
 **Petersen, Benjamin Smith Falls Church, VA
 **†Pogue, Jennifer Lynne Trafford, PA
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 **†Shah, Eeshan Manish Farmville, VA
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 ***Anderson, Lauren Beth Sterling, VA
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 Arroyo, Eric Calderon Oxnard, CA
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 **Ball, Morgan Leigh Centreville, VA
 Banks, Kristin Michelle Salem, VA

Barnes, Lurlene Ra Dezsza Crozier, VA
 *Bass, Chase Ryan Williamsburg, VA
 Batres, Tamara Carolina Manassas Park, VA
 Batson, Jordan Ashley Manassas, VA
 Bayliff, Sarah Patricia Arlington, VA
 **Bickford, Taylor Oakley Cana, VA
 Bingham, Kaimana Nicole Crewe, VA
 Bisacre, David Michael West Friendship, MD
 Bittle, Patricia Marie Rockwall, TX
 Black, Ronnie Thomas, Jr Las Vegas, NV
 *Bomberger, Sarah Janine Palmyra, VA
 Botha, Karl London, United Kingdom
 ***‡Bowdring, Molly Anne Alexandria, VA
 Bowles, Steven Stewart Gainesville, FL
 Boyce, Gemma Marie Hanover, PA
 *Boylan, Maria Anna Warrenton, VA
 ***Brassard, Arielle Marie Leesburg, VA
 Britten, Nicholas Norris Blacksburg, VA
 ***ΦBrock, Ryan J Roanoke, VA
 *Buehler, Steven Lloyd Lebanon, NJ
 Burner, Stephanie Marie Grasonville, MD
 **Butler, Bret Andrew Blacksburg, VA
 Cancro, Olivia Laine Chester, NJ
 Carico, Christopher Wayne Galax, VA
 Carne, Reagan Addie Simpsonville, SC
 Carter, Joshua G Sandston, VA
 Cea, Jessica Carol Fairfax, VA
 Chapman, Morgan Lea Charleston, WV
 Charnock, Justin Gregory Machipongo, VA
 Choi, Jieun Springfield, VA
 Choi, Jin Sun Woodbridge, VA
 Clark, Lindsay Elaine Pulaski, VA
 Cliffer, Sarit Aviva Fairfax, VA
 Coates, Allison Faith Danville, VA
 Codella, Giancarlo Dominic Winchester, VA
 *Colligan, Ariana Rose Olivieri Burke, VA
 Cook, Laura Beth Christiansburg, VA
 **Costanzo, Samantha Meagan Midlothian, VA
 Craft, Amanda Marie Prince George County, VA
 *Craymer, Eliza Ashby Mechanicsville, VA
 *Cronlund, Leah Elizabeth Sterling, VA
 Crowder, Emily Katherine South Hill, VA
 *Dangelo, Kimberly Joan Charlottesville, VA
 Daniels, Kaylin Leigh Chantilly, VA
 Darling, Allison Blaine Clifton, VA
 **Davenport, Matthew Tyler Chesapeake, VA
 Dean, Kaitlyn Elizabeth Fredericksburg, VA
 DeBoer, Jacob Landon Richmond, VA
 DeJarnette, Emma Louise Mechanicsville, VA
 **♦Denfeld, Erica Ramsey South Riding, VA
 Desmond, Katherine Elizabeth Clemmons, NC
 Dollarhide, Erik King McLean, VA
 Donnelly, Shanna Colleen Randolph, NJ
 Dove, Carmen Ortiz Newburg, MD
 **Duke, Rebekah Frances Winchester, VA
 Dumadag, Anne Lorraine Cabarrubias Virginia Beach, VA
 *Dunn, Kelsey-Marie Leesburg, VA
 Duong, Richard Danh South Riding, VA
 Edwards, Tariq RaShaun Cheraw, SC
 *†Engel, Lauren Eileen McLean, VA
 Espinoza, Gabrielle Suzanne Virginia Beach, VA
 *ΦFaalasi, Sheila M Fairfax, VA
 Fagan, Erin Marie Blacksburg, VA
 Farrell, Laura Jayne Fredericksburg, VA
 Field, Nicola Marie Fairfax Station, VA
 Fiorello, David Antonio Honey Brook, PA
 Fiorino, Cynthia Hampstead, MD
 *Fiske, Rachel Mae Mechanicsville, MD
 Fitzgerald, Chassidy A Danville, VA
 Francis, Joan Clara Capron, VA
 *Franco, Kiara Lani Charlottesville, VA
 Freeman, Taylor Marie Winchester, VA
 **Gaboury, Shane Tyler Chantilly, VA
 Gagble, Suzzie Sefakor Charlottesville, VA

Garman, Joseph Robert	Gainesville, VA	Mencia, Stephanie	Stafford, VA
Garrison, Alexandra Paige	Poquoson, VA	***Meyman, Henrietta	McLean, VA
Garvey, Joshua Adam	Fredericksburg, VA	Mihalkovic, Andrew John	Virginia Beach, VA
Geer, Brittany Nicole	Powhatan, VA	Miller, Edlyn B	Hamilton, NJ
Genung, Heather Lee	Chesapeake, VA	***ΦMiller, Kirsten Elizabeth	Malvern, PA
Ghebremichael, Mecal Haile	Fairfax Station, VA	Milo, Jaimelee La Compte	Virginia Beach, VA
Gill, Ryan William	Blacksburg, VA	Moghaddam, Donna	Potomac, MD
Glass, Sarah Elizabeth	Herndon, VA	Mokhtari, Sara	Houston, TX
Goldberg, Megan Sarah	Afton, VA	Montgomery, Mark Wayne	Henrico, VA
**Gray, Taylor Elizabeth	Mechanicsville, VA	Moylan, Christine Avary	Monroe, NY
Gruber, Marlee Ella	Newcastle, CA	***ΦMulholland, Grace Evelyn	Freehold, NJ
Guinan, Bridget Kelly	Phoenix, AZ	*Muller, Allison Anne	Ashburn, VA
**Gutkin, Sloan Alexandra	Virginia Beach, VA	Mullins, Jonni Lynn	Blacksburg, VA
Hadley, Porschia Jameese	Montezuma, GA	Mulvehill, Molly Elizabeth	Montclair, VA
Hardy, Austin Joseph	Darnestown, MD	Murray, Ashleigh Kaitlin	Leesburg, VA
Harrison, Kendrick Connor	Blacksburg, VA	*Nelson, Mark Joseph, Jr	Charlottesville, VA
*Harvey, Jillian Elizabeth	Virginia Beach, VA	**ΦNguyen, Chantie Ly	Fairfax, VA
Hastings, Lee Stuart	Lexington, VA	Nguyen, Colleen M	Hampton, VA
**Hawthorne, Christian La'Shey	Portsmouth, VA	Nichas, Louis Genco	Red Bank, NJ
Hearst, Megan Alessandra	Roanoke, VA	Niil, Brittany Lee	Woodbridge, VA
Heisey, Kara Suzanne	Springfield, VA	*Noffsinger, Mikul Dylan	Chesapeake, VA
Heller, Lawrence Joseph	Madison, VA	*Nyholm, Earle Erik	Alton, VA
*Hodge, Stelsie Pauline	Vienna, VA	O'Donnell, Martin Patrick	Downingtown, PA
Holloway, Meaghan Patricia	Yorktown, VA	O'Donnell, Robert Michael	Sandy Hook, CT
*Hoover, Keri Lynn	Annandale, VA	Oliphant, Kareim St John	Union, NJ
**Hower, Sandra Pearson	McLean, VA	Ott, Christopher Philip	Fishersville, VA
Hryczaniuk, Brittney Jane	Louisa, VA	*Owen, Julie Ann	Frankfort, IL
Huaman, Jennifer Tiffany	Sterling, VA	Owens, Anne Fleet Tucker	Gallatin, TN
Hutton, Elizabeth Corrine	Marion, VA	Pacque, Kyle Margolis	McLean, VA
Jaberg, Katie Lisbeth	Lynchburg, VA	*Page, Allison Ansley	Arlington, VA
**James, Rebecca Caroline	Nellysford, VA	*Painter, Calyn Elizabeth	Blacksburg, VA
Jenks, Gregory Michael	Chantilly, VA	*Palmer, Elizabeth Carter	Roanoke, VA
*Jernigan, Elliott Textor	Alexandria, VA	Patel, Pooja Ratnam	Williamsburg, VA
Johnson, Emily Anne	Portland, ME	*Pellegrino, Kristina Lynn	Glen Allen, VA
*Johnson, Miranda Scot	Chesapeake, VA	**Pelletier, Tawny Chanel	Waxhaw, NC
Jones, Matthew Collin	Burke, VA	**Pesso, Morgan Olivia	Charlotte, NC
**Jordan, Heidi Linn	Broadway, VA	Petrucelli, David James	Crozet, VA
Katz, Ethan David	Fairfax, VA	*Pierucci, Phoebe Adelia	Ruckersville, VA
Kea, Skyler Hamilton	Roanoke, VA	Pomeroy, Brianna Meaghan	Virginia Beach, VA
*Kelly, Mary Frances	Reedville, VA	Porter, Lauren Ann	King William, VA
Kewer, Taylor John	Springfield, VA	*Powell, Whitney Michelle	Brodnax, VA
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***Ledoux, Megan Reilly	Fairfax, VA	Serenyi, Lindsay Pearl	Edison, NJ
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Lipscomb, Shannon Elizabeth	Annapolis, MD	Shaak, Katie Lee	Whitehall, PA
*Lisenby, Colette Michele	Woodbridge, VA	**ΦShaffer, Kelsey Allison	Yorktown, VA
Londregan, Craig Michael	Millstone, NJ	**ΦShaw, Kathryn Jewell	Herndon, VA
Lowe, Veronica Stacey	Falls Church, VA	Shultis, Sonia Chang	Woodbridge, VA
Lykes, Brent Francis	Blacksburg, VA	Sihalath, Marla	Chantilly, VA
**Magalong, Roxanne Fatima Silva	Centreville, VA	*Sinesi, Allison Marie	Chesapeake, VA
*Magoffin, Kelly Marie	Leesburg, VA	Smith, Ashley Marie	Herndon, VA
Marshall, Elizabeth Ann	Norfolk, VA	**Smoot, Heather Rebecca	Oak Hill, VA
**Martin, Courtney Marie	Forest, VA	Smoot, Kaitlin Barr	Maurertown, VA
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ΦMcGeagh, Michael James	Glade Spring, VA	*†Sullivan, Juliana Baptista	Marion, VA
***ΦMcGuire, Michelle Rebecca	Round Hill, VA	Taliaferro, Robert Ryland	Stafford, VA
McNeil, Kathryn Leigh	Marion, VA	**Tamberrino, Lucy Danielle	Reston, VA
***Megas, Sarah Michelle	McLean, VA	Tarzia, Brittany Ann-Marie	Ashland, VA

Tate, Morgan Page Blacksburg, VA
Taylor, Erin Meredith Charlottesville, VA
Teie, Sophia Yolanda Annandale, VA
Thompson, Angela Marie Herndon, VA
**Tolbert, Aimee Malessa Willis, VA
Toribio, Sarah Blanche Pomfret, MD
**Troyer, Lauren Nicole Stafford, VA
Truxell, Sarah Cathryn Lynchburg, VA
**Twigg, Elaine Blakey Falls Church, VA
***Tzur, Lihl Blacksburg, VA
***ΦUnis, Whitney Morgan Allentown, PA
***Violand, Cathleen Rose Bethesda, MD
Virmani, Priyanka Lata Winchester, VA
*Vogt, Jonathan Walter Shamong, NJ
*Walton, Stephanie Ann Richmond, VA
**Ward, Mikayla Jeannette Jacksonville, NC
Whitaker, Rachel Ann Blacksburg, VA
Whitelaw, Robert William Houston, TX
Wiese, Nicholas Blessing Hudson, OH
Willett, Elizabeth Jordan Blacksburg, VA
Williams, Rebecca Nicole Palmyra, VA
Woods, Amber Rose Ivanhoe, VA
Woodson, Stephen Clark Goochland, VA
Yam, Garrett B Springfield, VA
Zahl, Reiner Karl Fredericksburg, VA

STATISTICS

*Adhikari, Prakash Blacksburg, VA
Alley, Eugene Whitmore III Virginia Beach, VA
Aubuchon, Amanda Marie Glastonbury, CT
Bogacki, Agata Gabriella Virginia Beach, VA
*Cain, Stefanie Nicole Virginia Beach, VA
*Collura, Michelle Frances Blacksburg, VA
Diaz, Joseph Mitchell Belen Virginia Beach, VA
**Foust, Michael Dean Danville, VA
***ΦGillespie, Michael David Chester, VA
*Hoover, Keri Lynn Annandale, VA
Kearney, Joan Claire Richmond, VA
Kent, Theodore John Richard Richmond, VA
**Lewandoski, Samantha Rose Mount Airy, MD
Lewis, Robert Benn Reston, VA
Long, Taylor Elizabeth Warrenton, VA
McGoff, Bethany Nicole Fredericksburg, VA
Moss, Thomas Darrell Virginia Beach, VA
Nenno, Matthew James Waldorf, MD
***Onthank, Kaitlin Marie Groton, MA
Rand, Christine Allison Fairfax Station, VA
Reynolds, Kevin Douglas Blairs, VA
**Ruloff, Mitchell Khalil Great Falls, VA
Teter, Andrea Dawn Gloucester, VA
**Wu, Bing Jie Sophia, WV

The Virginia Tech Ring Tradition

The Virginia Tech Class ring embodies and invokes memories, traditions and pride that tie Hokies, young and old, together. The tradition began in the 1911-1912 school session. Since the beginning, each Virginia Tech class has designed a ring distinctive and unique to its class. Today, Virginia Tech is one of only a few colleges and universities that redesigns its ring collection each year.

Each year, the sophomore class selects a Ring Design Committee responsible for designing and marketing their class ring collection, adding elements that reflect their class experiences on the class side. All ring designs have an eagle and crossed sabers, usually found on the university side and symbolizing the military heritage and traditions of the Corps of Cadets. The chain links that have encircled the ring bezel on Virginia Tech rings since 1940 represent class unity, the strength of many united as one.

Beginning in 1991, each class began naming their collection in honor of an outstanding Virginia Tech personality. During each class's junior year, the collection is unveiled in the fall at the annual Ring Premiere. Rings ordered in fall are delivered the week of Ring Dance, held in the spring of the class's junior year.



Ring Dance

The first Ring Dance was held on April 27, 1934, where the saber arch, ring figure and presentation of the ring by the junior's date were introduced. The Virginia Tech Ring Dance symbolizes a hallmark in a Virginia Tech student's career. The university president presides over the official ring presentation. The Corps of Cadets juniors enter the ballroom and form the ring figure in the shape of the class numerals. They are then joined with their dates who are escorted by freshmen corps members. As rings are presented, "Moonlight and V.P.I.," written in 1942 specifically for the Ring Dance by composer Fred Waring and lyricist Charles Gaynor, is performed. As the clock strikes midnight, the evening ends with an elaborate fireworks display on the Drillfield and the playing of "Silver Taps."

Turning of the Ring

For many years, it has been tradition for a current student to wear his/her class ring so that the name Virginia Polytechnic Institute and State University faces the wearer. Upon graduation, the ring is turned to face out to let the world know the wearer is a Hokie alumnus/a. Those who wear the ring proudly state to others, "I am a Hokie, a Virginia Tech graduate who understands the meaning of Ut Prosim (That I May Serve)." For more information or inquiries about the ring, contact the Virginia Tech Alumni Association at <http://www.alumni.vt.edu/classrings/> or 540/231-6285.

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Laura J. Wedin, Director of Alumni/Student Programs, Alumni Association

SYMPHONIC WIND ENSEMBLE
(University Ceremony)

Flute

Anne Friend
Katharyn D. Heflin
Stephanie Hurst
Taylor Light
Olivia Stansbury

Oboe

Maggie Dozier
Stefan Povolny

Bassoon

Brian Farrell
Joshua Kim
Jordan Newkirk

Clarinet

Sarah Edwards
Yuya Ishizuka
Rebecca J. Johnson
Ryan Johnson
Austin Marie LaPorta
Laura Shneider
Marla Schrettner
Devin Walker
Amberly Westermeyer

Saxophone

Robert Deis
Candice Flake
Jenna George
Benjamin Lawson

Trumpet

Mark Brown
Kevin C. Cheatham
Matthew Messick
Jaxson Taylor
Brandon Toma

Horn

Dakota Corbliss
Kristen Fowler
Rebecca Soltesz
Mark Tarshis
Rebecca Price
Sophie Tenaglia

Trombone

Caleb Copeland
Steven Eckert
Michael Fisk
Andrew Wilson

Euphonium

William Happ
Ross Kerley

Tuba

Tyler Lundy
Michael Minor

Bass

Keane McBride

Percussion

Joey Ballard
Aaron Cook
Christopher Hoerauf
Scott Luxenberg
James Keeter
Dan Luhring
Matt Pangle

ALMA MATER

Sing praise to Alma Mater dear,
For V.P.I. we'll ever cheer;
Come lift your voices, swell the song,
Our loyalties to her belong.

CHORUS

So stand and sing all hail to thee.
VT, all hail to thee.

The Orange and Maroon you see,
That's fighting on to victory;
Our strife will not be long this day,
For our glory lies within this fray.

All loyal sons and daughters, one,
We raise our banner to the sun;
Our motto brings a spirit true,
That we may ever serve for you.

Words by L.G. Chase, '42
Music by E.T. Sparks, '40

VIRGINIA TECH BRASS ENSEMBLE
(Graduate School Ceremony)

Trumpet

Mark Brown
Kevin C. Cheatham
Jason Crafton
Brandon Toma

Horn

Dakota Corbliss
Wallace Easter
Kristen Fowler

Trombone

Jay Crone
Steven Eckert

Tuba

Tyler Lundy
Michael Minor

QUINTESSENTIAL BRASS REPERTOIRE
(National Capital Region Ceremony)

Trumpet

Charlie T. Peterson
Zachary D. Smith

French Horn

Kent P. Baker

Tuba

William P. Gray

Trombone

Robert S. Mesite

