

# COMMENCEMENT

143RD YEAR OF  
THE UNIVERSITY



**DECEMBER 19**



**FALL 2014**

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

# BOARD OF VISITORS

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Mr. James L. Chapman IV, Vice Rector  
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Ms. Ashley Francis, Graduate Student Representative  
Mr. Austin Larowe, Undergraduate Student Representative

## UNIVERSITY DIGNITARIES AND INVITED SPEAKERS

Timothy D. Sands, President, Virginia Tech  
Dennis R. Dean, University Distinguished Professor and Director of the Fralin Life Science Institute, **Keynote Speaker**, Graduate School Commencement  
Thomas M. Gardner, Alumni Distinguished Professor, Department of English, **Keynote Speaker**, University Commencement  
Mark G. McNamee, Senior Vice President and Provost  
Matthew M. Winston, Jr., President of the Alumni Association Board of Directors, Class of 1990, Greetings from the Alumni Association, University Commencement  
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  
M. Dwight Shelton, Vice President for Finance and Chief Financial Officer  
Scott F. Midkiff, Vice President for Information Technology and Chief Information Officer  
Steven H. McKnight, Vice President and Executive Director, National Capital Region  
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  
Alan L. Grant, Dean, College of Agriculture and Life Sciences  
A. Jack Davis, Dean, College of Architecture and Urban Studies  
Robert T. Sumichrast, Dean, Pamplin College of Business  
Richard C. Benson, Dean, College of Engineering  
Elizabeth Spiller, 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  
Cyril R. Clarke, 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  
Muhammad R. Hajj, Associate Dean of the Graduate School  
Amy Pruden, Associate Dean and Director, Interdisciplinary Graduate Education  
Kenneth H. Wong, Associate Dean of the Graduate School in the National Capital Region and Director of the Northern Virginia Center  
Joseph S. Merola, Professor, Chemistry Department, Commencement Marshal, University and Graduate School Commencements and Message from the Faculty, Graduate School Commencement  
Jean-Luc Pierre Ford, President, Class of 2015, Remarks by the Class President, University Commencement  
Amanda Brown, Historian, Class of 2015, Opening Reflections, University Commencement  
Matthew G. Ramirez, Male Member-At-Large, Class of 2015, Closing Reflections, University Commencement  
Cermetrius Lynell Bohannon, doctoral candidate, Architecture and Design Research, Graduate Student Speaker, Graduate School Commencement  
Gregory T. Purdy, doctoral student in Industrial & Systems Engineering, President, Graduate Student Assembly  
Nathan Andrew Carter, doctoral student, Chemistry, Chief Justice, Graduate Honor System  
Houston Cawthorn Chandler, master's candidate, Fisheries and Wildlife Sciences, Graduate Student Marshal, Graduate School Commencement  
Paul J. Wolf, B.A. Music Education and Performance, Class of 2015, Vocalist, University Commencement Ceremony.  
Katherine Combs, B.A. Music Education and Performance, Class of 2015, Vocalist, Graduate Commencement Ceremony  
Jay Crone, Professor, School of Performing Arts, and Conductor, Virginia Tech Brass Ensemble

## 2014 - 2015 COMMENCEMENT COMMITTEE

Daniel B. Taylor, Chairman; Joseph S. Merola, Commencement Marshal; Jacqueline L. Nottingham, Director of Processions; Diane Zahm, Director of Ushers; Janice E. Austin, Robert P. Broadwater, Luke T. Carroll, Candice E. Clemenz, Terry Cobb, Chelsea R. Corkins, Carrie A. Cox, Andrew Ellis, Jean-Luc Pierre Ford, Rebecca A. Funk, Lawrence G. Hincker, Joseph S. Merola, Joseph D. Millett, Kim T. O'Rourke, Andrew J. Putnam, Elena Serrano, Martha L. Sullivan, Anthony S. Watson, Pengtao Yue

## SPECIAL RESOURCE PERSONS

Susan P. Angle, Director, Services for Students with Disabilities  
Janice E. Austin, Director of Graduate Admissions & Academic Progress, Graduate School  
Clyde Y. Cridlin, Jr., Assistant Registrar, Office of the University Registrar  
Vincent M. Houston, Captain, Virginia Tech Police Department  
Edmund L. Lemire, Jr., Creative Services Manager, University Relations  
Richard K. McCoy, Director of Parking and Transportation, Parking Services

Michael J. Mulhare, Director, Emergency Management  
Margie B. Murray, Special Events Coordinator, Office of the President  
April B. Myers, Projects Assistant, Office of the President  
Mark A. Owczarski, Director of News and Information, University Relations  
Andrew J. Putnam, Visiting Assistant Professor, School of Performing Arts  
Lisa E. Rentfrow, Graduation Analyst, Office of the University Registrar  
Laura J. Wedin, Director of Alumni/Student Programs, Alumni Association

# 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. Tassels are worn on the right side prior to receiving a degree and on the left side after the degree has been conferred. The tassel 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 2014

### Motto

Always Excel, Always Overcome,  
Always Succeed

**Latin:** *Semper Vinco*

### Class of 2015 Officers

President.....	Jean-Luc Ford
Vice President.....	Morgan Denfeld
Secretary.....	Claire Long
Treasurer.....	Elizabeth Lazor
Historian .....	Amanda Brown
Cadet Member-At-Large.....	Alfonso Maher
Female Member-At-Large .....	Nicole Crouch
Male Member-At-Large .....	Matthew Ramirez

# UNIVERSITY COMMENCEMENT

11:00 a.m., Friday, December 19, 2014  
Cassell Coliseum

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

Prelude.....	Virginia Tech Brass Ensemble Jay Crone, <i>Conductor</i>
Academic Processional.....	Joseph S. Merola <i>Commencement Marshal</i>
The National Anthem .....	Paul J. Wolf <i>B.A., Music Education and Performance, Class of 2015</i>
Posting of Colors .....	Corps of Cadets Color Guard
Opening Reflections .....	Amanda E. Brown <i>Historian, Class of 2015</i>
Greetings .....	Timothy D. Sands <i>University President</i>
Greetings from the Alumni Association .....	Matthew M. Winston, Jr. <i>President of the Alumni Association Board of Directors, Class of 1990</i>
Message from the Class President.....	Jean-Luc Pierre Ford <i>President, Class of 2015</i>
Alma Mater (words inside back cover).....	Paul J. Wolf
Graduation Address .....	Thomas M. Gardner <i>Alumni Distinguished Professor, Department of English</i>
Presentation of Undergraduate Degree Candidates.....	Mark G. McNamee <i>Senior Vice President and Provost and College Deans</i>
Conferral of Degrees.....	Timothy D. Sands
Concluding Remarks.....	Timothy D. Sands
Closing Reflections.....	Matthew G. Ramirez <i>Male Member-At-Large, Class of 2015</i>
Recessional .....	Virginia Tech Brass Ensemble

(The audience is requested to stand as the academic procession recesses.)

# UNIVERSITY COMMENCEMENT SPEAKER



**Thomas M. Gardner**

Thomas M. Gardner, Alumni Distinguished Professor, has been a member of the Virginia Tech Department of English faculty since 1982. His teaching and research focus on poetry, primarily 19th, 20th and 21st century American writers with a particular emphasis on the way a poem enacts movements of the mind and emotions.

Dr. Gardner earned his bachelor's degree from Bucknell University in 1974, a master's degree in Creative Writing from Syracuse in 1976 and a PhD from the University of Wisconsin in 1982. His approach to poems as "intricate acts of thinking and feeling" brings poetry to life for his students, teaching them to use poems as they reflect on world issues.

He has published five books with university presses focusing on contemporary American poets and the way writers think. In addition, he has published a book of his poems, and his plays have been produced both here and abroad. His book of lyric essays, "Poverty Creek Journal," focusing on running trails just outside of Blacksburg, has just been published. His works have had a significant impact in several disciplines.

Dr. Gardner also directs graduate and undergraduate independent studies and serves on Master of Arts degree and Master of Fine Arts degree thesis committees.

He has received many awards during his academic career, including the Outstanding Faculty Award for the Commonwealth of Virginia, a Guggenheim Fellowship, a National Endowment for the Arts fellowship in poetry, and the Fulbright Bicentennial Chair in American Studies at the University of Helsinki.

Among his Virginia Tech awards are the William E. Wine Teaching Award, the Diggs Teaching Scholar Award, the Alumni Teaching Award, the Phi Beta Kappa Sturm Award for Outstanding Faculty Research and several College of Liberal Arts and Human Sciences awards. Prior to becoming an Alumni Distinguished Professor in 2010, Gardner held the Clifford A. Cutchins III Professorship in English.

# GRADUATE COMMENCEMENT

3:00 p.m., December 19, 2014

Cassell Coliseum

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

Prelude..... Virginia Tech Brass Ensemble  
Jay Crone, *Conductor*

Academic Processional..... Joseph S. Merola, *Commencement Marshal*  
Houston Cawthorn Chandler, *Graduate Student Marshal*

The National Anthem ..... Katherine Combs  
*B.A., Music Education and Performance, Class of 2015*

Posting of Colors ..... Corps of Cadets Color Guard

Greetings ..... Timothy D. Sands  
*University President*

Speaker Introductions ..... Mark G. McNamee  
*Senior Vice President and Provost*

Graduate Student Remarks..... Cermetrius Lynell Bohannon  
*Doctoral Candidate, Architecture and Design Research*

Graduation Address ..... Dennis R. Dean  
*University Distinguished Professor and Director of the Fralin Life Science Institute*

Images and Reflections ..... Karen P. DePauw  
*Vice President and Dean for Graduate Education*

Interlude: *Commencement Address*..... written by Charles S. Nichols II

Presentation of Doctoral Candidates..... Karen P. DePauw

Conferral of Doctoral Degrees..... Timothy D. Sands

Hooding of Doctoral Candidates .....Candidates hooded by the major professors

Presentation of Master's, Education Specialist, and Graduate Certificate Candidates..... Karen P. DePauw

Conferral of Master's and Education Specialist Degrees, and Graduate Certificates..... Timothy D. Sands

Reading of Names..... Joseph S. Merola  
*Professor, Chemistry*

Message from the Faculty ..... Joseph S. Merola  
*Faculty Senate Representative*

Concluding Remarks ..... Timothy D. Sands

Recessional ..... Virginia Tech Brass Ensemble

(The audience is requested to stand as the academic procession recesses.)

# GRADUATE COMMENCEMENT SPEAKER



**Dennis R. Dean**

Dennis R. Dean, a professor of Biochemistry in the College of Agriculture and Life Sciences, has been a member of the Virginia Tech faculty for 30 years. Dr. Dean attended Wabash College (B.A. 1973) and is a Purdue University College of Science Distinguished alumnus (Ph.D. 1979). He was an NIH Post-doctoral Fellow at the University of Wisconsin and a Staff Scientist at the Kettering Research Laboratory before joining the Virginia Tech faculty in 1985.

At Virginia Tech, Dr. Dean provided oversight for the design and construction of the Virginia Tech Carilion Research Institute in Roanoke and served as interim director of the Virginia Bioinformatics Institute. He led the transformation of the Fralin Biotechnology Center into the Fralin Life Sciences Institute, where he currently serves as director. Dr. Dean holds the titles of University Distinguished Professor and Stroobants Professor of Biotechnology.

Dr. Dean's research regarding the role of metals in health and disease is recognized world-wide. His laboratory group has published over 180 articles that have been cited in the scientific literature more than 6,000 times. Dr. Dean is a fellow of the American Academy of Microbiology and the American Association for the Advancement of Science. He has served on the editorial boards of the *Journal of Biological Chemistry* and the *Journal of Bacteriology* and the publications board of the American Society for Biochemistry and Molecular Biology.

# DEGREE CANDIDATES

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## GRADUATE DEGREES

### THE GRADUATE SCHOOL

Dean Karen P. DePauw

## DOCTOR OF PHILOSOPHY

### COLLEGE OF AGRICULTURE AND LIFE SCIENCES

#### AGRICULTURAL AND APPLIED ECONOMICS

December 18, 2014

Ahsanuzzaman, Ahsanuzzaman ..... Jessore, Bangladesh  
Dissertation Title: Three Essays on Adoption and Impact of Agricultural  
Technology in Bangladesh  
Committee Chair: Prof. G. W. Norton

#### AGRICULTURAL AND EXTENSION EDUCATION

December 18, 2014

D'Adamo-Damery, Philip Carl..... Rochester, IL  
Dissertation Title: Possibilities for Transformations: Rhizomatic  
Explorations of Community Food Practice in Central Appalachia  
Committee Chair: Prof. K. L. Niewolny

#### ANIMAL AND POULTRY SCIENCES

December 18, 2014

Sumners, Lindsay Hart ..... Blacksburg, VA  
Dissertation Title: Chickens from Lines Artificially Selected for Juvenile Low  
and High Body Weight Differ in Glucose Homeostasis and Pancreas  
Physiology  
Committee Chair: Prof. E. R. Gilbert

Zhu, Haibo ..... Haiyan, China  
Dissertation Title: Muscle Hypertrophy is Impaired in Intrauterine Growth  
Restricted Pigs  
Committee Chair: Prof. S. W. El-Kadi

July 7, 2014

Zhang, Wei ..... Leshan, Sichuan, China  
Dissertation Title: Neurological - Molecular Interface in Food Intake and  
Metabolism in Birds and Mammals  
Committee Chair: Prof. E. R. Gilbert

#### BIOCHEMISTRY

December 18, 2014

Hu, Wanqi ..... Jinan, China  
Dissertation Title: Early Zygotic Genes and MicroRNAs of the Yellow Fever  
Mosquito *Aedes aegypti* and the Asian Malaria Mosquito *Anopheles  
stephensi*  
Committee Chair: Prof. Z. Tu

Rodriguez, Jason R.....Oceanside, CA  
Dissertation Title: Characterization of a Flavin-dependent  
Disulfide Reductase from the Hyperthermophilic Methanogen,  
*Methanocaldococcus jannaschii*  
Committee Chair: Prof. B. Mukhopadhyay

July 7, 2014

Jiang, Hao ..... Beijing, China  
Dissertation Title: Hypothalamic Transcriptional Profiling and Quantative  
Proteomics of Wild Type vs. Nhlh2 Knockout Mice Under 24-Hour  
Fasting  
Committee Chair: Prof. D. J. Good

Spence, Michael Patrick ..... Virginia Beach, VA  
Dissertation Title: Plant Aromatic Amino Acid Decarboxylases: Evolutionary  
Divergence, Physiological Function, Structure Function Relationships  
and Biochemical Properties  
Committee Chair: Prof. J. Li

#### CROP AND SOIL ENVIRONMENTAL SCIENCES

December 18, 2014

Ma, Li ..... Jiangsu, Xuzhou, China  
Dissertation Title: Dynamic of Soil Soluble Organic Nitrogen and Their  
Interactions with Minerals  
Committee Chair: Prof. K. Xia

#### ECONOMICS

December 18, 2014

Vinolo Gomez, Maria V. .... Blacksburg, VA  
Dissertation Title: Consumer Economic Behavior and the Role of  
Information: Three Case Studies  
Committee Chair: Prof. K. Moeltner

August 16, 2014

Duan, Shuwen ..... Zhuzhou, Hunan, China  
Dissertation Title: International Trade Costs and the Intensive and  
Extensive Margins of Agricultural Trade  
Committee Chair: Prof. E. B. Peterson and Prof. J. H. Grant

Li, Xiaoshu ..... Shenyang, Liaoning, China  
Dissertation Title: Stated and Revealed Preference Valuation of Forest  
Ecosystems  
Committee Chair: Prof. K. Boyle

Stoeffler, Quentin ..... Paris, France  
Dissertation Title: Three Essays on Poverty in Sub-Saharan Africa:  
Multidimensional Poverty Change in Zimbabwe; Long-Term Impact of  
Cash Transfers in Niger; and Targeting Efficiency of Social Protection  
Programs in Cameroon  
Committee Chair: Prof. B. F. Mills, Jr.



## FOOD SCIENCE AND TECHNOLOGY

December 18, 2014

Sheibani, Ershad ..... Tehran, Iran  
Dissertation Title: Effects of Water Chemistry and Panning on Flavor  
Volatiles and Catechins in Teas (Camelia Sinensis)  
Committee Chair: Prof. S. F. O'Keefe

Wu, Jian ..... Beijing, China  
Dissertation Title: Inhibitory Effects of Aqueous Methanol Extracts of  
Selected Medicinal Plants on *Listeria monocytogenes* and *Vibrio*  
*parahaemolyticus*  
Committee Chair: Prof. M. L. Jahncke and Prof. J. D. Eifert

August 16, 2014

Alshuniaber, Mohammad A.F. .... Riyadh, Saudi Arabia  
Dissertation Title: Risk Analysis Based on Performance Criteria: A Food  
Safety Control System and Decision-making Tool to Control Salmonella  
from Whole Broilers  
Committee Chair: Prof. J. D. Eifert

## HORTICULTURE

July 7, 2014

Traore, Sy Mamadou ..... Blacksburg, VA  
Dissertation Title: Characterization of Effector Genes in *Acidovorax citrulli*  
the Causing Agent of Bacteria Fruit Blotch Disease of Cucurbits  
Committee Chair: Prof. B. Zhao

## HUMAN NUTRITION, FOODS AND EXERCISE

August 16, 2014

Boutagy, Nabil Eskandar ..... Oxford, CT  
Dissertation Title: Probiotic Supplementation and Arterial Stiffness  
Following High Fat Feeding  
Committee Chair: Prof. K. P. Davy

Stevens, Joseph R. .... Blacksburg, VA  
Dissertation Title: The Effects of Low Dose Endotoxin on Glucose  
Homeostasis  
Committee Chair: Prof. M. W. Hulver

July 7, 2014

Creamer, Kyle William ..... Roanoke, VA  
Dissertation Title: Utilizing pQCT & Biomarkers of Bone Turnover to Study  
Influences of Physical Activity or Bariatric Surgery on Structural &  
Metabolic Status of Bone  
Committee Chair: Prof. W. G. Herbert

Fundaro, Gabrielle F. .... Salem, VA  
Dissertation Title: Do Probiotics Protect Against the Deleterious Effects of  
a High-Fat Diet?  
Committee Chair: Prof. M. W. Hulver

Osterberg, Kristin ..... Blacksburg, VA  
Dissertation Title: The Effect of a Probiotic Supplement on Insulin  
Sensitivity and Skeletal Muscle Substrate Oxidation During High Fat  
Feeding  
Committee Chair: Prof. K. P. Davy

## PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE

December 18, 2014

Rana, Aman ..... Virginia Beach, VA  
Dissertation Title: Optimizing the Use of Microwave Radiations for Weed  
Management  
Committee Chair: Prof. J. F. Derr

Vollmer, Kurt Matthew ..... Richlands, VA  
Dissertation Title: Biology and Control of Eastern Black Nightshade  
(*Solanum ptycanthum*), Palmer Amaranth (*Amaranthus palmeri*), and  
Common Pokeweed (*Phytolacca Americana*), in No-Till Systems on the  
Eastern Shores of Virginia and Maryland  
Committee Chair: Prof. H. P. Wilson, Jr.

Yang, Xiao ..... Yangzhou, China  
Dissertation Title: New Species and Phylogeny of the Genus *Phytophthora*  
Committee Chair: Prof. C. Hong

August 16, 2014

Kim, Gunjune ..... Blacksburg, VA  
Dissertation Title: Massive Exchange of mRNA between a Parasitic Plant  
and its Hosts  
Committee Chair: Prof. J. H. Westwood

## COLLEGE OF ARCHITECTURE AND URBAN STUDIES

### ARCHITECTURE AND DESIGN RESEARCH

December 18, 2014

Bohannon, Cermetrius Lynell ..... Memphis, TN  
Dissertation Title: Design Education Reconsidered: Faculty Perceptions of  
Community Engagement in Landscape Architecture  
Committee Chair: Prof. P. A. Miller

Kim, Eujin Julia ..... Seoul, South Korea  
Dissertation Title: How important is Appearance When Dealing with  
Potentially Harmful Brownfields?: Landscape Assessment to Reuse and  
Design Marginalized Local Brownfields  
Committee Chair: Prof. P. A. Miller and Prof. M. Kim

### ENVIRONMENTAL DESIGN AND PLANNING

December 18, 2014

Sands, Kenneth Stafford ..... Nassau, Bahamas  
Dissertation Title: Ethics Education and Its Relationship to Undergraduate  
Construction Students' Professional Ethical Sensitivity  
Committee Chair: Prof. A. R. Pearce

### PLANNING, GOVERNANCE, AND GLOBALIZATION

December 18, 2014

An, Yehyun ..... Suwonsi, South Korea  
Dissertation Title: The Operationalization of Capacity Development: The  
Case of Urban Infrastructure Projects in India  
Committee Chair: Prof. R. P. Hall

El-Shazli, Heba Fawzi ..... Fairfax, VA  
Dissertation Title: An Incomplete Victory - Egyptian Workers Challenge the  
Regime (2006-2012)  
Committee Chair: Prof. J. Peters

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

Thorun, Mark Stuart ..... Roanoke, VA  
Dissertation Title: Essays in International Financial Governance  
Committee Chair: Prof. C. L. Taylor and Prof. T. W. Luke

## PAMPLIN COLLEGE OF BUSINESS

### ACCOUNTING AND INFORMATION SYSTEMS

July 7, 2014

Wright, Nicole S. .... Dublin, VA  
Dissertation Title: Auditors' Use of Formal Advice from Internal Firm  
Subject Matter Experts: The Impact of Advice Quality and Advice  
Awareness on Auditors' Judgments  
Committee Chair: Prof. S. Bhattacharjee

### BUSINESS INFORMATION TECHNOLOGY

December 18, 2014

King, Michael Allen ..... Crozet, VA  
Dissertation Title: Ensemble Learning Techniques for Structured and  
Unstructured Data  
Committee Chair: Prof. C. T. Ragsdale and Prof. A. S. Abrahams

**FINANCE****July 7, 2014**

Qin, Nan ..... Weinan, China  
 Dissertation Title: Three Essays on Mispricing and Market Efficiency  
 Committee Chair: Prof. V. Singal

**COLLEGE OF ENGINEERING****AEROSPACE ENGINEERING****December 18, 2014**

Atkins, Brad Matthew ..... Little Rock, AR  
 Dissertation Title: Mars Precision Entry Vehicle Guidance Using Internal Moving Mass Actuators  
 Committee Chair: Prof. C. A. Woolsey

Bloxom, Andrew Lawrence ..... Fairfax, VA  
 Dissertation Title: Numerical Simulation of the Fluid-Structure Interaction of a Surface Effect Ship Bow Seal  
 Committee Chair: Prof. W. L. Neu

Choudhary, Aniruddha ..... Blacksburg, VA  
 Dissertation Title: Verification of Compressible, Incompressible CFD Codes and Residual-based Mesh Adaptation  
 Committee Chair: Prof. C. J. Roy

Lee, Evan Joseph ..... Virginia Beach, VA  
 Dissertation Title: Advancements of Stepped Planing Hulls  
 Committee Chair: Prof. L. S. McCue-Weil

Li, Yumeng ..... Pingdingshan, China  
 Dissertation Title: Multiscale Modeling of the Effects of Nanoscale Load Transfer on the Effective Elastic Properties of Carbon Nanotube-Polymer Nanocomposites  
 Committee Chair: Prof. G. D. Seidel

Phillips, Tyrone ..... Cookeville, TN  
 Dissertation Title: Residual-based Discretization Error Estimation for Computational Fluid Dynamics  
 Committee Chair: Prof. C. J. Roy

**BIOLOGICAL SYSTEMS ENGINEERING****December 18, 2014**

Freedman, Benjamin Gordon ..... Caribou, ME  
 Dissertation Title: Degenerate Oligonucleotide Primed Amplification of Genomic DNA for Combinatorial Screening Libraries and Strain Enrichment  
 Committee Chair: Prof. R. S. Senger

Zu, Theresah Nom Korbieh ..... Jirapa, Ghana  
 Dissertation Title: Phenotypic and Metabolic Profiling of Biological Samples in Near Real-Time using Raman Spectroscopy  
 Committee Chair: Prof. R. S. Senger

**BIOMEDICAL ENGINEERING****December 18, 2014**

Jain, Gaurav ..... Jaipur, India  
 Dissertation Title: Cell Migration on Opposing Rigidity Protein Gradients: Single Cell and Co-culture Studies  
 Committee Chair: Prof. P. Rajagopalan

Sahari, Ali Akbar ..... Tehran, Iran  
 Dissertation Title: Development of Bacteria-Based Bio-Hybrid Delivery Systems: Fabrication, and Characterization of Chemotaxis and Quorum Sensing  
 Committee Chair: Prof. B. Behkam

Sheets, Kevin Tyler ..... Fredericksburg, VA  
 Dissertation Title: Development of a Suspended Nanonet Platform for the Measurement of Single Cell Forces  
 Committee Chair: Prof. A. Nain

**July 7, 2014**

Daniel, Ray W. .... Seale, AL  
 Dissertation Title: Evaluation of Football Safety Techniques Utilizing Biomechanical Measurements  
 Committee Chair: Prof. S. M. Duma

Lu, Yuan-Chiao ..... Taipei, Taiwan  
 Dissertation Title: Probabilistic Analysis of the Material and Shape Properties for Human Liver  
 Committee Chair: Prof. C. D. Untaroiu

**CHEMICAL ENGINEERING****December 18, 2014**

Herman, David J. .... Loudonville, OH  
 Dissertation Title: Controlling Colloidal Stability using Highly Charged Nanoparticles  
 Committee Chair: Prof. R. M. Davis and Prof. J. Y. Walz, Jr.

Loufakis, Despina Nelie ..... Thessaloniki, Greece  
 Dissertation Title: Microfluidics for Cell Manipulation and Analysis  
 Committee Chair: Prof. C. Lu

Seo, Dongjin ..... Seoul, South Korea  
 Dissertation Title: Measurement and Control of Slip-Flow Boundary Conditions at Solid-Gas Interfaces  
 Committee Chair: Prof. W. A. Ducker

**August 16, 2014**

Radiom, Milad ..... Mashhad, Iran  
 Dissertation Title: Correlation Force Spectroscopy for Single Molecule Measurements  
 Committee Chair: Prof. W. A. Ducker

**CIVIL ENGINEERING****December 18, 2014**

Bapat, Amey Vivek ..... Thane, India  
 Dissertation Title: Redundancy Evaluation of Fracture Critical Bridges  
 Committee Chair: Prof. R. T. Leon and Prof. W. J. Wright

Bouratsis, Polydefkis ..... Blacksburg, VA  
 Dissertation Title: Scour at the Base of Hydraulic Structures: Monitoring Instrumentation and Physical Investigations Over a Wide Range of Reynolds Numbers  
 Committee Chair: Prof. C. L. Dancy and Prof. P. Diplas

Collins, William Norfleet ..... Chesterfield, VA  
 Dissertation Title: Fracture Behavior Characterization of Conventional and High Performance Steel for Bridge Applications  
 Committee Chair: Prof. R. T. Leon and Prof. W. J. Wright

Davis, Christina Clarkson ..... Damascus, MD  
 Dissertation Title: Understanding and Predicting Water Quality Impacts on Coagulation  
 Committee Chair: Prof. M. A. Edwards

Dawood, Haitham M. .... Mansoura, Egypt  
 Dissertation Title: Partitioning Uncertainty for Non-Ergodic Probabilistic Seismic Hazard Analyses  
 Committee Chair: Prof. A. Rodriguez-Marek

Fan, Zheng ..... Beijing, China  
 Dissertation Title: Potential Wake Turbulence Encounters Analysis in Current and Next-Gen Flight Operations  
 Committee Chair: Prof. A. A. Trani

Ge, Shaoqing ..... Baoding, China  
 Dissertation Title: Development of a Numerical Model to Predict the Condition of Prestressed Concrete Cylinder Pipe (PCCP)  
 Committee Chair: Prof. S. K. Sinha

Kastenhofer, Ilona Ottilia ..... Charlottesville, VA  
 Dissertation Title: Multimodal Assessment of Recurrent and Non-recurrent Conditions on Urban Streets  
 Committee Chair: Prof. A. G. Hobeika and Prof. M. M. Abbas

Li, Ying ..... Shijiazhuang, China  
 Dissertation Title: Digital Mix Design for Performance Optimization of Asphalt Mixture  
 Committee Chair: Prof. L. Wang

Sun, Wenjuan .....Bozhou, China  
 Dissertation Title: Morphological Characteristics of Aggregates from Multiple Scales  
 Committee Chair: Prof. L. Wang

Xiong, Haocheng ..... Beijing, China  
 Dissertation Title: Piezoelectric Energy Harvesting on Public Roadways  
 Committee Chair: Prof. L. Wang

Zhang, Yinning.....Nanjing, China  
 Dissertation Title: Characterization of Drainage Layer Properties for Mechanical-Empirical Pavement Design  
 Committee Chair: Prof. L. Wang

**August 16, 2014**

Halbe, Kedar Ram .....Mumbai, India  
 Dissertation Title: New Approach to Connections Between Members of Adjacent Box Beam Bridges  
 Committee Chair: Prof. C. L. Roberts-Wollmann

Higgs, Bryan James.....Pearisburg, VA  
 Dissertation Title: Emotional Impacts on Driver Behavior: An Emo-Psychophysical Car-Following Model  
 Committee Chair: Prof. M. M. Abbas

Mladenovic, Milos .....Vranje, Serbia  
 Dissertation Title: Development of Sustainable Traffic Control Principles for Self-Driving Vehicles: A Paradigm Shift Within the Framework of Social Justice  
 Committee Chair: Prof. M. M. Abbas

Shoghli, Omidreza .....Zanjan, Iran  
 Dissertation Title: A Decision Support System for Multi-Objective Multi-Asset Roadway Asset Management (DSRAM)  
 Committee Chair: Prof. J. M. de la Garza

**July 7, 2014**

Ackerman, Paul J. ....Lexington, VA  
 Dissertation Title: Condition Assessment, Indices and Risk-based Decision-making for Public School Infrastructure Management  
 Committee Chair: Prof. D. E. Dickerson

Gulbinas, Rimas Viktoras .....Winfield, IL  
 Dissertation Title: Motivating and Quantifying Energy Efficient Behavior among Commercial Building Occupants  
 Committee Chair: Prof. J. E. Taylor

Menkulasi, Fatmir .....Blacksburg, VA  
 Dissertation Title: Increasing the Resiliency of Short to Medium Span Bridges with Precast Inverted T-beams  
 Committee Chair: Prof. C. L. Roberts-Wollmann

**COMPUTER ENGINEERING**

**December 18, 2014**

Elbayoumi, Mahmoud Atef Mahmoud Sayed .....Fayoum, Egypt  
 Dissertation Title: Strategies for Quality and Performance Improvement of Hardware Verification and Synthesis Algorithms  
 Committee Chair: Prof. M. S. Hsiao

Ganta, Dinesh..... Vijayawada, India  
 Dissertation Title: An Effort toward Building more Secure and Efficient Physical Unclonable Functions  
 Committee Chair: Prof. L. Nazhandali

Gao, Bo ..... Beijing, China  
 Dissertation Title: Coexistence of Wireless Networks for Shared Spectrum Access  
 Committee Chair: Prof. J. Park and Prof. Y. Yang

Love, Andrew Ross ..... Stafford, VA  
 Dissertation Title: A Modular Flow for Rapid FPGA Design Implementation  
 Committee Chair: Prof. P. M. Athanas

Prabhu, Sarvesh Pradeep.....Kolhapur, India  
 Dissertation Title: Techniques for Enhancing Test and Diagnosis of Digital Circuits  
 Committee Chair: Prof. M. S. Hsiao

Srivastav, Meeta S. ....Bangalore, India  
 Dissertation Title: Process and Voltage Variability Assessment and Mitigating Techniques for Many-Core Design Systems  
 Committee Chair: Prof. L. Nazhandali

Turcu, Alexandru..... Bucharest, Romania  
 Dissertation Title: Improving Distributed Transactional Memory  
 Committee Chair: Prof. B. Ravindran

Turner, Hamilton Allen.....Pigeon Forge, TN  
 Dissertation Title: Optimizing, Testing, and Securing Mobile Cloud Computing Systems For Data Aggregation and Processing  
 Committee Chair: Prof. C. J. White

Zeng, Huacheng ..... Jiangxi, China  
 Dissertation Title: Interference Management for Wireless Ad Hoc Networks: Modeling and Optimization  
 Committee Chair: Prof. Y. T. Hou

**COMPUTER SCIENCE AND APPLICATIONS**

**December 18, 2014**

Easterling, David Robert ..... Fredericksburg, VA  
 Dissertation Title: Optimization of Constrained Clustering Problems through Homotopy Tracking  
 Committee Chair: Prof. L. T. Watson

Gad, Samah Hossam Aldin..... Alexandria, Egypt  
 Dissertation Title: Expressive Forms of Topic Modeling to Support Digital Humanities  
 Committee Chair: Prof. N. Ramakrishnan

Robinson, Ashley Renee ..... Chesapeake, VA  
 Dissertation Title: Understanding the Beliefs of Minority Middle School Girls about Computer Science  
 Committee Chair: Prof. G. R. Scales and Prof. M. A. Perez-Quinonez

Scogland, Thomas R. ....Lake Forest, IL  
 Dissertation Title: Runtime Adaptation for Autonomic Heterogeneous Computing  
 Committee Chair: Prof. W. Feng

Su, Chun-Yi .....Kaohsiung, Taiwan  
 Dissertation Title: Energy-aware Thread and Data Management in Heterogeneous Multi-Processing, Multi-Memory Systems  
 Committee Chair: Prof. K. W. Cameron

Warren, Andrew Scott ..... Portsmouth, VA  
 Dissertation Title: Methods for Analysis of Prokaryotic Genome Architecture  
 Committee Chair: Prof. L. S. Heath and Prof. J. C. Setubal

Xu, Kui ..... Yangzhou, China  
 Dissertation Title: Anomaly Detection through System and Program Behavior Modeling  
 Committee Chair: Prof. D. Yao

**August 16, 2014**

Hafeez, Abdul ..... Swabi, Pakistan  
 Dissertation Title: A Software Framework For the Detection and Classification of Biological Targets in Bio-Nano Sensing  
 Committee Chair: Prof. A. R. Butt

Laha, Bireswar.....Konnagar, India  
 Dissertation Title: Immersive Virtual Reality and 3D Interaction for Volume Data Analysis  
 Committee Chair: Prof. D. A. Bowman

Zhang, Hong .....Hefei, China  
 Dissertation Title: Efficient Time Stepping Methods and Sensitivity Analysis for Large Scale Systems of Differential Equations  
 Committee Chair: Prof. A. Sandu

**July 7, 2014**

Buffardi, Kevin John..... Burke, VA  
 Dissertation Title: Modeling Student Software Testing Processes: Attitudes, Behaviors, Interventions, and Their Effects  
 Committee Chair: Prof. S. H. Edwards

Kwon, Young Woo.....Youngju, South Korea  
 Dissertation Title: Effective Fusion and Separation of Distribution, Fault-Tolerance, and Energy-Efficiency Concerns  
 Committee Chair: Prof. E. Tilevich

## ELECTRICAL ENGINEERING

**December 18, 2014**

- Abbott-McCune, Donald Samuel ..... Blacksburg, VA  
Dissertation Title: Anomaly Detection in a CAN Bus of Modern Vehicles  
Committee Chair: Prof. A. L. Wicks
- Chern, Kevin Tsun-Jen ..... Orinda, CA  
Dissertation Title: GaInN/GaN Schottky Barrier Solar Cells  
Committee Chair: Prof. L. J. Guido
- Headley, William C. .... Danville, VA  
Dissertation Title: Spectrum Sensing in the Presence of Channel and Tx/  
Rx Impairments  
Committee Chair: Prof. J. H. Reed
- Ibraheem, Ali Ahmed Younis ..... Assiut, Egypt  
Dissertation Title: Implanted Antennas and Intra-Body Propagation Channel  
for Wireless Body Area Network  
Committee Chair: Prof. M. Manteghi
- Imana, Eyosias Yoseph ..... Addis Ababa, Ethiopia  
Dissertation Title: Cognitive RF Front-end Control  
Committee Chair: Prof. J. H. Reed
- Jaksic, Marko Dragoljub ..... Beograd, Serbia  
Dissertation Title: Identification of Small-signal dq Impedances of Power  
Electronics Converters Via Single-phase Wide-bandwidth Injection  
Committee Chair: Prof. D. Boroyevich
- La Pan, Matthew Jonathan ..... Alexandria, VA  
Dissertation Title: Security Issues for Modern Communications Systems:  
Fundamental Electronic Warfare Tactics for 4G Systems and Beyond  
Committee Chair: Prof. T. C. Clancy III and Prof. R. W. McGwier
- LaBella, Thomas Matthew ..... Onancock, VA  
Dissertation Title: A High-Efficiency Hybrid Resonant Microconverter for  
Photovoltaic Generation Systems  
Committee Chair: Prof. J. S. Lai
- Lutz, Collin C. .... Parks, NE  
Dissertation Title: Switched Markov Jump Linear Systems: Analysis and  
Control Synthesis  
Committee Chair: Prof. D. J. Stilwell
- Monir Vaghefi, Sayed Reza ..... Isfahan, Iran  
Dissertation Title: Cooperative Positioning in Wireless Sensor Networks  
Using Semidefinite Programming  
Committee Chair: Prof. R. M. Buehrer
- Russell, Kevin Joseph ..... Blacksburg, VA  
Dissertation Title: Model-Centric Interdependent Critical Infrastructure  
System Recovery Analysis and Metrics  
Committee Chair: Prof. R. P. Broadwater and Prof. K. Tam
- Sanchez Ayala, Gerardo ..... Tegucigalpa, Honduras  
Dissertation Title: Centralized Control of Power System Stabilizers  
Committee Chair: Prof. V. A. Centeno
- Su, Yipeng ..... Bedford, NH  
Dissertation Title: High Frequency, High Current 3D Integrated Point-of-  
Load Module  
Committee Chair: Prof. F. C. Lee
- Tian, Shuilin ..... Shaoxing, China  
Dissertation Title: Equivalent Circuit Model of High Frequency PWM and  
Resonant Converters  
Committee Chair: Prof. F. C. Lee
- Wen, Bo ..... Xi'an, China  
Dissertation Title: Stability Analysis of Three-Phase AC Power System  
Based on Measured D-Q Frame Impedances  
Committee Chair: Prof. D. Boroyevich and Prof. R. Burgos

**August 16, 2014**

- Lin, Ying-Tsen ..... Kaohsiung City, Taiwan  
Dissertation Title: Comparison and Investigation of Solar Spectral  
Irradiance with Solar Aspect Monitor  
Committee Chair: Prof. S. M. Bailey

**July 7, 2014**

- Deshpande, Kshitija Bharat ..... Pune, India  
Dissertation Title: Investigation of High Latitude Ionospheric Irregularities  
utilizing Modeling and GPS Observations  
Committee Chair: Prof. C. R. Clauer, Jr.

- Hassanzadeh, Mohammadtaghi ..... Blacksburg, VA  
Dissertation Title: A New State Transition Model for Forecasting-Aided  
State Estimation for the Grid of the Future  
Committee Chair: Prof. C. Y. Evrenosoglu

## ENGINEERING EDUCATION

**August 16, 2014**

- Mccord, Rachel ..... Nashville, TN  
Dissertation Title: Thinking About Thinking in Study Groups: Studying  
Engineering Students' Use of Metacognition in Naturalistic Settings  
Committee Chair: Prof. H. Matusovich
- Sevilla, Kevin Matthew ..... Huntington Beach, CA  
Dissertation Title: Virtual Socialization in Engineering Education: Identifying  
the Impacts of a Socializer-Based Intervention on Second-Year  
Engineering Students  
Committee Chair: Prof. M. C. Paretti and Prof. M. J. Borrego

**July 7, 2014**

- Teo, Hon Jie ..... Singapore, Singapore  
Dissertation Title: Knowledge Creation Analytics for Online Engineering  
Learning  
Committee Chair: Prof. V. K. Lohani and Prof. A. Johri

## ENGINEERING MECHANICS

**December 18, 2014**

- Akhtar, Kareem ..... Bannu, Pakistan  
Dissertation Title: A Numerical Study of Cold Spray: Effects of Jet  
Unsteadiness and Compressed Gas Layer on Particle Dynamics and  
Deposition Efficiency  
Committee Chair: Prof. S. A. Ragab
- Antoine, Guillaume Olivier ..... Maizières-lès-Metz, France  
Dissertation Title: Computational Design of Transparent Polymeric  
Laminates Subjected to Low-velocity Impact  
Committee Chair: Prof. R. C. Batra
- Bichiou, Youssef ..... Blacksburg, VA  
Dissertation Title: Modeling, Analysis and Control of Nonlinear Aeroelastic  
Systems.  
Committee Chair: Prof. M. R. Hajj
- Chen, Yanyun ..... Qinzhou, Guangxi, China  
Dissertation Title: Stress-induced Damage and Post-fire Response for  
Aluminum Alloys  
Committee Chair: Prof. S. W. Case and Prof. B. Y. Lattimer
- Connolly, Kevin Bryan ..... Wilmington, DE  
Dissertation Title: Cold Working Holes in Multi-Layer Members  
Committee Chair: Prof. N. E. Dowling
- Pendar, Hodjat ..... Blacksburg, VA  
Dissertation Title: The Mechanical Linkage of Abdominal Movements and  
the Respiratory System in Beetles  
Committee Chair: Prof. J. Socha
- Webster, Matthew R. .... Smithfield, VA  
Dissertation Title: Material Characterization of Insect Tracheal Tubes  
Committee Chair: Prof. R. De Vita
- Yan, Zhimiao ..... Wenlin, China  
Dissertation Title: Modeling of Nonlinear Unsteady Aerodynamics,  
Dynamics and Fluid Structure Interaction  
Committee Chair: Prof. M. R. Hajj

**August 16, 2014**

- Alipour Skandani, Amir ..... Tabriz, Iran  
Dissertation Title: Computational and Experimental Nano Mechanics  
Committee Chair: Prof. M. Al-Haik

**July 7, 2014**

- Liu, Qiang ..... Wuhan, China  
Dissertation Title: EBF3GLWingOpt: A Framework for Multidisciplinary  
Design Optimization of Wings Using SpaRibs  
Committee Chair: Prof. R. K. Kapania

**INDUSTRIAL AND SYSTEMS ENGINEERING****December 18, 2014**

- Hashemi, Fatemeh Sadat ..... Blacksburg, VA  
Dissertation Title: Theory and Methods for Sampling within Stochastic Recursions: Applications to Simulation Optimization and Stochastic Root Finding  
Committee Chair: Prof. R. Pasupathy
- Mukherjee, Niloy Jeet..... Kolkata, India  
Dissertation Title: Lot Streaming in Two-Stage Flow Shops and Assembly Systems  
Committee Chair: Prof. S. C. Sarin
- Nagaraj, Kalyani Shankar ..... Pune, India  
Dissertation Title: Stochastically Constrained Simulation Optimization On Mixed-Integer Spaces  
Committee Chair: Prof. M. V. Marathe and Prof. R. Pasupathy
- Steenek, Daniel Waymouth ..... Gloucester, VA  
Dissertation Title: Strategic Planning for the Reverse Supply Chain: Optimal End-of-Life Option, Product Design, and Pricing  
Committee Chair: Prof. S. C. Sarin

**July 7, 2014**

- Cullen, Ralph Haywood ..... Atlanta, GA  
Dissertation Title: Multimodal Multitasking: The Combined Effects of Postural and Cognitive Demands on Overall Workload  
Committee Chair: Prof. M. J. Agnew
- Tarhini, Hussein Ali..... Beirut, Lebanon  
Dissertation Title: Network Models In Evacuation Planning  
Committee Chair: Prof. D. R. Bish

**MATERIALS SCIENCE AND ENGINEERING****December 18, 2014**

- Floyd, Adam R..... Henderson, KY  
Dissertation Title: Silicon and Germanium Nanowires Produced by Fiber Drawing for Photonic Applications  
Committee Chair: Prof. G. R. Pickrell
- Li, Menghui ..... Dongying, Shandong, China  
Dissertation Title: High Sensitive Magnetic Sensor Based on Magnetolectric Metglas/PZT Laminate Composite  
Committee Chair: Prof. D. D. Viehland
- Yao, Yiyang..... Shijiazhuang, China  
Dissertation Title: Thermal Stability of Al<sub>2</sub>O<sub>3</sub>/Silicone Composites as High-Temperature Encapsulants  
Committee Chair: Prof. G. Lu

**August 16, 2014**

- Berry, David W. .... Pulaski, VA  
Dissertation Title: Design, Analysis and Experimental Verification of a Mechanically Compliant Interface for Fabricating Reliable, Double-Side Cooled, High Temperature, Sintered Silver Interconnected Power Modules  
Committee Chair: Prof. G. Lu and Prof. K. D. Ngo
- Zhao, Chenlin ..... Chicago, IL  
Dissertation Title: Investigation of the Magnetic Properties of Non-thiolated Au Nano-structures Grown by Laser Ablation  
Committee Chair: Prof. J. T. Abiade
- Zhao, Yu ..... Shaoxing, China  
Dissertation Title: Correlation Between Structure, Doping and Performance of Thermoelectric Materials  
Committee Chair: Prof. S. Priya
- Zhou, Yuan ..... Xi'an, China  
Dissertation Title: Magnetolectric Composites for On-Chip Near-Resonance Applications  
Committee Chair: Prof. S. Priya

**MECHANICAL ENGINEERING****December 18, 2014**

- Ferrar, Anthony Maurice ..... Midlothian, VA  
Dissertation Title: Transonic Fan Response to Total Pressure Inlet Distortion  
Committee Chair: Prof. W. F. O'Brien, Jr.
- Jaramillo, Paola ..... Barranquilla, Colombia  
Dissertation Title: Strategies for Developing Muscle Stimulation Systems Through the Implementation of Feedback Controls to Tackle Vocal Fold Paralysis  
Committee Chair: Prof. A. Leonessa
- Kanholy, Santhip Krishnan ..... Kozhikode, India  
Dissertation Title: Eulerian-Eulerian Modeling of Fluidized Beds  
Committee Chair: Prof. F. Battaglia
- Kim, Jong Hwan..... Incheon, South Korea  
Dissertation Title: Autonomous Navigation, Perception and Probabilistic Fire Location for an Intelligent Firefighting Robot  
Committee Chair: Prof. B. Y. Lattimer
- Nahid, Mohammad N..... Dhaka, Bangladesh  
Dissertation Title: Fire Hazard of Highway Bridges: Fire and Thermal Aspects  
Committee Chair: Prof. B. Y. Lattimer
- Orekhov, Viktor Leonidovich ..... Morristown, TN  
Dissertation Title: Series Elasticity in Linearly Actuated Humanoids  
Committee Chair: Prof. D. W. Hong
- Robbins, Brian Alan..... Bartlett, IL  
Dissertation Title: The Correlated Dynamics of Micron-Scale Cantilevers in a Viscous Fluid  
Committee Chair: Prof. M. R. Paul
- Snelling, Dean Andrew..... North Augusta, SC  
Dissertation Title: A Process for Manufacturing Metal-Ceramic Cellular Materials with Designed Mesostructure  
Committee Chair: Prof. C. B. Williams and Prof. A. P. Druschitz
- Stewart, Colin James ..... Charlottesville, VA  
Dissertation Title: Numerical Investigations of Jellyfish Propulsion  
Committee Chair: Prof. D. K. Tafti and Prof. S. Priya
- Wang, Qingzhao ..... Blacksburg, VA  
Dissertation Title: Computational Investigations of Boundary Condition Effects on Simulations of Thermoacoustic Instabilities  
Committee Chair: Prof. R. L. West, Jr.
- Wickersham, Andrew Joseph..... La Canada Flintridge, CA  
Dissertation Title: Study of Turbulent Combustion Dynamics Using High Speed Chemiluminescence with Proper Orthogonal Decomposition  
Committee Chair: Prof. U. Vandsburger and Prof. L. Ma
- Zhu, Yitao ..... Chongqing, China  
Dissertation Title: Sensitivity Analysis and Optimization of Multibody Systems  
Committee Chair: Prof. C. Sandu and Prof. A. Sandu

**August 16, 2014**

- Park, Yongseok..... Seoul, South Korea  
Dissertation Title: Theory and Methodology for Forming Creative Design Teams in a Globally Distributed and Culturally Diverse Environment  
Committee Chair: Prof. J. Bohn
- Perino, Scott Victor..... Chicago, IL  
Dissertation Title: A Novel Impact Absorber and an Accelerated Structural Analysis Methodology for Earth Entry Vehicles  
Committee Chair: Prof. J. Bayandor
- Thurber, Andrew ..... Ocean Springs, MS  
Dissertation Title: Investigations of Hypervelocity Impacts Physics  
Committee Chair: Prof. J. Bayandor

**July 7, 2014**

- Apo, Daniel Jolomi..... Warri, Nigeria  
Dissertation Title: Low Frequency Microscale Energy Harvesting  
Committee Chair: Prof. S. Priya
- Avirovik, Dragan..... Skopje, Macedonia  
Dissertation Title: System Level Approach Towards Intelligent Healthcare Environment  
Committee Chair: Prof. S. Priya

Choi, Jiduck.....Seoul, South Korea  
 Dissertation Title: Investigation of the Dynamic Behavior of a Cable-Harnessed Structure  
 Committee Chair: Prof. D. J. Inman, Sr.

Krishnamurthy, Nagendra .....Mysore, India  
 Dissertation Title: A Study of Heat and Mass Transfer in Porous Sorbent Particles  
 Committee Chair: Prof. D. K. Tafti

Spak, Kaitlin ..... Grass Valley, CA  
 Dissertation Title: Modeling Cable Harness Effects on Space Structures  
 Committee Chair: Prof. D. J. Inman, Sr.

Yang, Xing .....Xinghua, China  
 Dissertation Title: Organic Fillers in Phenol-Formaldehyde Wood Adhesives  
 Committee Chair: Prof. C. E. Frazier

Zhang, Wei.....Weifang, China  
 Dissertation Title: Biopolymer Structure Analysis and Saccharification of Glycerol Thermal Processed Biomass  
 Committee Chair: Prof. S. H. Rennecker

## **COLLEGE OF LIBERAL ARTS AND HUMAN SCIENCES**

### **MINING ENGINEERING**

**December 18, 2014**

Lindsay, Clifford Fry..... Frankfort, WV  
 Dissertation Title: The Measurement of Decomposition Products of Select Gases as an Indicator of a Concealed Mine Fire  
 Committee Chair: Prof. K. D. Luxbacher

Ma, Xu ..... Beijing, China  
 Dissertation Title: Rigorously Calibration of Passive Seismic Tomography in Deep Underground Mines  
 Committee Chair: Prof. E. C. Westman

## **INTERDISCIPLINARY DEGREES**

### **GENETICS, BIOINFORMATICS AND COMPUTATIONAL BIOLOGY**

**December 18, 2014**

Subramanian, Kartik..... Mumbai, India  
 Dissertation Title: Spatiotemporal Model of the Asymmetric Division Cycle of *Caulobacter crescentus*  
 Committee Chair: Prof. J. J. Tyson and Prof. M. R. Paul

**August 16, 2014**

Yi, Hui.....Hubei, China  
 Dissertation Title: Assessment of Penalized Regression for Genome-wide Association Studies  
 Committee Chair: Prof. I. Hoeschele

**July 7, 2014**

Carbo Barrios, Adria ..... Terrassa, Spain  
 Dissertation Title: Transdisciplinary Strategies to Study the Mechanisms of CD4+ T cell Differentiation and Heterogeneity  
 Committee Chair: Prof. J. Bassaganya-Riera

### **MACROMOLECULAR SCIENCE AND ENGINEERING**

**December 18, 2014**

Hong, Jung Ki.....Dae Gu, South Korea  
 Dissertation Title: Cellulose Nanocrystal Reinforced Polymeric Bone Scaffolds  
 Committee Chair: Prof. M. Roman

Pisipati, Padmapriya ..... Hyderabad, India  
 Dissertation Title: Synthesis and Characterization of Solution and Melt Processable Polyacrylonitrile/Methyl Acrylate (PAN/MA) Statistical Copolymers  
 Committee Chair: Prof. J. S. Riffle

Ranade, Shantanu Rajendra ..... Satara, India  
 Dissertation Title: Performance Evaluation and Durability Studies of Adhesive Bonds  
 Committee Chair: Prof. D. A. Dillard

Rowlett, Jarrett Robert..... Howell, MI  
 Dissertation Title: Effect of Backbone Structure on Membrane Properties for Poly(arylene ether) Random and Multiblock Copolymers  
 Committee Chair: Prof. J. S. Riffle

Sundell, Benjamin James ..... Andover, MN  
 Dissertation Title: Synthesis and Characterization of Poly(arylene ether sulfone)s for Reverse Osmosis Water Purification and Gas Separation Membranes  
 Committee Chair: Prof. J. S. Riffle

### **APPAREL, HOUSING, AND RESOURCE MANAGEMENT**

**August 16, 2014**

Kim, Eun Hee..... DaeJeon, South Korea  
 Dissertation Title: Effects of Quantitative Restrictions on U.S. Textile and Apparel Imports over 1995-2010: An Analysis using Gravity Models  
 Committee Chair: Prof. M. J. Norton

Quesenberry, Peggy Phillips ..... Floyd, VA  
 Dissertation Title: Apparel Industry Definitions: Copying, Knocking-off, Counterfeiting  
 Committee Chair: Prof. D. H. Kincade

Wong, Soak Wai..... Kuala Lumpur, Malaysia  
 Dissertation Title: The Effects of Perspiration Application, Weathering Exposures, Washing Action of Automatic Home Clothes Washers, and Repeated Laundering on the Ultraviolet Protection of a Naturally Colored Lightweight Cotton Fabric  
 Committee Chair: Prof. H. I. Chen-Yu

### **CAREER AND TECHNICAL EDUCATION**

**December 18, 2014**

Turner, Windi Danielle ..... Strasburg, VA  
 Dissertation Title: Examining the Construction of the Perceived Teacher Identity of Secondary Family and Consumer Sciences (FCS) Teachers in Career and Technical Education (CTE) Classrooms  
 Committee Chair: Prof. W. T. Price, Jr. and Prof. P. L. Burge

### **COUNSELOR EDUCATION**

**December 18, 2014**

Caolo, Jessica L..... Tampa, FL  
 Dissertation Title: The Relationship Between Age of Diagnosis and the Occurrence of Dysfunctional Career Thoughts Among College Students with ADHD  
 Committee Chair: Prof. G. F. Lawson

### **CURRICULUM AND INSTRUCTION**

**December 18, 2014**

Chen, Xin..... Lanzhou, China  
 Dissertation Title: Integrative Review of the Effects of Social Presence on Distance Education  
 Committee Chair: Prof. B. B. Lockee

Shelton, Mythianne ..... Ridgeway, VA  
 Dissertation Title: Investigating How Nontraditional Elementary Preservice Teachers Negotiate the Teaching of Science  
 Committee Chair: Prof. G. E. Glasson

Song, Kibong ..... Cheorwon, South Korea  
 Dissertation Title: Development of an Information Base Tool for IDT Research  
 Committee Chair: Prof. K. R. Potter

Sulsberger, Megan Jane ..... San Rafael, CA  
 Dissertation Title: Cultivating an Environmental Self: Using the Figured Worlds Concept to Explore Children's Environmental Identity Production in a Public School Garden Space  
 Committee Chair: Prof. B. R. Brand and Prof. G. E. Glasson

**August 16, 2014**

- Childers, Kristin Anne Geers ..... Roanoke, VA  
 Dissertation Title: A Survey of the Prevalence of Gastrointestinal Parasites and Associated Risk Factors in Children in a Rural City of the Dominican Republic  
 Committee Chair: Prof. J. K. Burton and Prof. K. J. Redican
- Martin, Jenny M. .... Dayton, VA  
 Dissertation Title: A Secondary English Teacher's Use of New Literacies with Voice and Struggling Writers  
 Committee Chair: Prof. A. P. Azano

**EDUCATIONAL LEADERSHIP AND POLICY STUDIES**

**December 18, 2014**

- Parker, Beverly Adams Lancaster ..... Hillsville, VA  
 Dissertation Title: A Synthesis of Theory and Research on Principal Leadership, School Culture, and School Effectiveness  
 Committee Chair: Prof. D. J. Parks

**HUMAN DEVELOPMENT**

**December 18, 2014**

- Bivens, Laura R. .... Princeton, WV  
 Dissertation Title: Individual and Geographic Predictors of Informal and Formal Care Patterns and Nursing Home Placement Risk among Rural Appalachian Elders  
 Committee Chair: Prof. J. S. Savla
- Cheshire, Emily Jade ..... Winchester, VA  
 Dissertation Title: It Takes Two: Partner Effects on Unintended Pregnancy in Dyads  
 Committee Chair: Prof. C. Kaestle
- Munly, Kelly A. .... Arlington, VA  
 Dissertation Title: Understanding Adult Foster Care Provider Experiences  
 Committee Chair: Prof. K. A. Roberto and Prof. K. R. Allen

**RHETORIC AND WRITING**

**August 16, 2014**

- Kerr, Kathleen T. .... Pensacola, FL  
 Dissertation Title: A Study of the Plain Writing Act of 2010: Federal Agency, Writer, and User Appropriations of U.S. Plain Language Policy  
 Committee Chair: Prof. K. E. Pender

**July 7, 2014**

- Howes, Frances A. .... Grosse Pointe Woods, MI  
 Dissertation Title: From Inclusion to Transformation: Decolonial Feminist Comix Methodology (with Handy Illustrations)  
 Committee Chair: Prof. K. M. Powell

**SCIENCE AND TECHNOLOGY STUDIES**

**December 18, 2014**

- Cuccio, Claire Ellen ..... Honolulu, HI  
 Dissertation Title: The Politics of Social Media in the Department of Defense; How DoD's Status Changed From Friend to Defriend to Friend Again  
 Committee Chair: Prof. J. E. Abbate

**SOCIAL, POLITICAL, ETHICAL, AND CULTURAL THOUGHT**

**December 18, 2014**

- Hill, Jordan ..... Boulder, CO  
 Dissertation Title: Realms of Remembered Violence: The Emergence of Mass Murder Memorials in the United States, 1986-2012  
 Committee Chair: Prof. M. B. Mollin
- Vergaray, Alfonso Ruben ..... Eatontown, NJ  
 Dissertation Title: Rethinking Uncertainty: Spinoza and Hume on Shaping Uncertain Secular Futures  
 Committee Chair: Prof. J. C. Pitt

**SOCIOLOGY**

**December 18, 2014**

- Demirak, Sinan ..... Ankara, Turkey  
 Dissertation Title: The Processing of Homeless and Street Youth in Turkey: An Examination of Formal and Informal Policies and Procedures in Ankara and Istanbul  
 Committee Chair: Prof. D. J. Shoemaker
- Wyse, Jennifer L. .... Virginia Beach, VA  
 Dissertation Title: Making Power Visible: Racialized Epistemologies, Knowledge (Re) Production and American Sociology  
 Committee Chair: Prof. D. L. Brunsm

**COLLEGE OF NATURAL RESOURCES AND ENVIRONMENT**

**FISHERIES AND WILDLIFE**

**December 18, 2014**

- Ansah, Yaw Boamah ..... Apam, Ghana  
 Dissertation Title: Enhancing Profitability of Small-Scale Aquaculture Farm Operations through Resource Management and Environmental Best Management Practices  
 Committee Chair: Prof. E. A. Frimpong
- Farris, Zachary J. .... Guy, AR  
 Dissertation Title: Madagascar Carnivore Ecology: The Effects of Fragmentation, Exotic Species, and Human Encroachment on Carnivores in NE Madagascar  
 Committee Chair: Prof. M. J. Kelly and Prof. S. M. Karpanty
- Silvis, Alexander ..... Lynchburg, OH  
 Dissertation Title: Day-roosting Social Ecology of the Northern Long-eared Bat (*Myotis septentrionalis*) and the Endangered Indiana Bat (*Myotis sodalis*)  
 Committee Chair: Prof. W. M. Ford
- Thapa, Kanchan ..... Blacksburg, VA  
 Dissertation Title: Ecology of Tigers in Churia Habitat and a Non-Invasive Genetic Approach to Tiger Conservation in Terai Arc, Nepal  
 Committee Chair: Prof. M. J. Kelly

**FORESTRY AND FOREST PRODUCTS**

**December 18, 2014**

- Andersch, Adrienn ..... Blacksburg, VA  
 Dissertation Title: Lean Adaptation and the Role of Lean Accounting in the Transportation Equipment Manufacturing Industry  
 Committee Chair: Prof. U. K. Buehlmann
- Krenz, Robert John ..... Mendota, IL  
 Dissertation Title: Relationships Between Ecosystem Function and Structure in Virginia Coalfield Stream Restorations: Organic Matter Dynamics, Biotic, and Physicochemical Attributes  
 Committee Chair: Prof. C. E. Zipper and Prof. S. H. Schoenholtz
- Minick, Kevan J. .... Raleigh, NC  
 Dissertation Title: Belowground Carbon Stabilization and Microbial Nitrogen Cycling Processes in a Loblolly Pine Forest Managed for Bioenergy Production  
 Committee Chair: Prof. T. R. Fox and Prof. B. D. Strahm
- Morris, Brian Christopher ..... Arnold, CA  
 Dissertation Title: Effectiveness, Cost, and Implications of Forest Haul Road Stream Crossing Structures and Best Management Practices in Virginia  
 Committee Chair: Prof. M. C. Bolding
- Quirino, Valquiria Ferraz ..... Belo Horizonte, Brazil  
 Dissertation Title: Evaluating the Potential for Estimating Age of Even-aged Loblolly Pine Stands using Active and Passive Remote Sensing Data  
 Committee Chair: Prof. R. H. Wynne

**August 16, 2014**

- Yanez Arce, Marco Aliro ..... Concepcion, Chile  
 Dissertation Title: Management Intensity Effects on Growth and Physiological Responses of Loblolly Pine Varieties and Families Growing in the Virginia Piedmont and North Carolina Coastal Plain of the United States  
 Committee Chair: Prof. J. R. Seiler and Prof. T. R. Fox

**July 7, 2014**

- Arias Blanco, Edgar ..... San Jose, Costa Rica  
Dissertation Title: Exports of U.S. Hardwood Products: Increasing Performance in Asia and Western Europe  
Committee Chair: Prof. H. J. Quesada Pineda
- Xu, Ying ..... Kaihua, China  
Dissertation Title: Three Essays on Forestry Economics and Management  
Committee Chair: Prof. B. J. Sullivan and Prof. G. S. Amacher

**GEOSPATIAL AND ENVIRONMENTAL ANALYSIS**

**December 18, 2014**

- Hudson-Dunn, Allisyn Drue ..... Gadsden, AL  
Dissertation Title: Land Surface Phenology of Topographically Complex Environments  
Committee Chair: Prof. S. P. Prisley and Prof. K. de Beurs
- Malambo, Lonesome ..... Lusaka, Zambia  
Dissertation Title: Multi-temporal Mapping of Burned Areas in Mixed Landscapes in Eastern Zambia  
Committee Chair: Prof. C. D. Heatwole

**COLLEGE OF SCIENCE**

**BIOLOGICAL SCIENCES**

**December 18, 2014**

- Chen, Yan ..... YiChang, China  
Dissertation Title: Characterization of Bacillus Spore Membrane Proteomes and Investigation of Their Roles in the Spore Germination Process  
Committee Chair: Prof. D. L. Popham

**August 16, 2014**

- Becker, Matthew Henry ..... Dundalk, MD  
Dissertation Title: The Role of Symbiotic Bacteria in Disease Resistance and Conservation of the Critically Endangered Panamanian Golden Frog  
Committee Chair: Prof. L. K. Belden
- Bernhards, Casey Brianna ..... Manassas, VA  
Dissertation Title: Regulation of the Spore Cortex Lytic Enzyme SleB in Bacillus anthracis  
Committee Chair: Prof. D. L. Popham
- Harris, Maria-Richetta Camille ..... Ridgeland, MS  
Dissertation Title: Forest Disturbance, Mosquito Vector Ecology and La Crosse Virus Dynamics in Southwestern Virginia  
Committee Chair: Prof. D. M. Hawley
- Walke, Jenifer Banning ..... Roanoke, VA  
Dissertation Title: The Structure and Function of Amphibian Skin Bacterial Communities and Their Role in Susceptibility to a Fungal Pathogen  
Committee Chair: Prof. L. K. Belden

**July 7, 2014**

- Geyer, Kevin M. .... Frankenmuth, MI  
Dissertation Title: Controls Over the Distribution and Function of Soil Microbial Communities  
Committee Chair: Prof. J. E. Barrett
- Jusino, Michelle Alice ..... Tallahassee, FL  
Dissertation Title: The Fungal Communities Associated with Red-cockaded Woodpeckers and Their Excavations: Descriptive and Experimental Evidence of Symbiosis  
Committee Chair: Prof. J. R. Walters

**CHEMISTRY**

**December 18, 2014**

- Guo, Xi ..... Zhengyang, China  
Dissertation Title: The Development and Application of Unsymmetrical Diboron Compounds  
Committee Chair: Prof. W. Santos
- Hobart, David Bruce ..... Blacksburg, VA  
Dissertation Title: Synthesis, Structural, and Catalytic Studies of Palladium Amino Acid Complexes  
Committee Chair: Prof. J. S. Merola

- Hu, Nan ..... Chengde, China  
Dissertation Title: Block and Graft Copolymers Containing Carboxylate or Phosphonate Anions  
Committee Chair: Prof. J. S. Riffle
- Savage, Alice ..... Merritt Island, FL  
Dissertation Title: Synthesis and Solution Properties of Semi-rigid Polyelectrolytes and Polyampholytes  
Committee Chair: Prof. S. R. Turner
- Stegall, Jeremy Brent ..... Fieldale, VA  
Dissertation Title: Cyclopentadiene-Maleimide Platform for Thermally Reversible Polymers  
Committee Chair: Prof. P. A. Deck
- Zhang, Mingqiang ..... Anshan, China  
Dissertation Title: Morphological Characterization and Analysis of Ion-Containing Polymers using Small Angle X-ray Scattering  
Committee Chair: Prof. R. B. Moore III
- Zhou, Rongwei ..... Shangrao, China  
Dissertation Title: New Polyazine-bridged Ru(II),Rh(III) and Ru(II),Rh(I) Supramolecular Photocatalysts for Water Reduction to Hydrogen Applicable for Solar Energy Conversion and Mechanistic Investigation of the Photocatalytic Cycle  
Committee Chair: Prof. K. J. Brewer

**August 16, 2014**

- Wang, Chao ..... Jinan, China  
Dissertation Title: Renewable Natural Polymer Thin Films and Their Interactions with Biomacromolecules  
Committee Chair: Prof. A. R. Esker
- Zhang, Jinmei ..... Rizhao, China  
Dissertation Title: Accurate Calculations of Molecular Properties with Explicitly Correlated Methods  
Committee Chair: Prof. E. F. Valeyev

**July 7, 2014**

- Inglefield, David Lott ..... Fairfax, VA  
Dissertation Title: Tailoring Intermolecular Interactions for High-Performance Nanocomposites  
Committee Chair: Prof. T. E. Long
- Zheng, Xueyan ..... Shouyang, China  
Dissertation Title: Regioselective Synthesis of Cellulose Esters  
Committee Chair: Prof. K. J. Edgar

**ECONOMICS**

**July 7, 2014**

- Qian, Tiefeng ..... Shaoxing, China  
Dissertation Title: Macro Economics Essays on Technological Change  
Committee Chair: Prof. T. N. Tideman

**GEOSCIENCES**

**December 18, 2014**

- Johnson, Carol Ann ..... Fridley, MN  
Dissertation Title: Observations and Assessment of Iron Oxide Nanoparticles in Metal-polluted Mine Drainage Within a Steep Redox Gradient, and a Comparison to Synthetic Analogs  
Committee Chair: Prof. M. F. Hochella, Jr.
- Zhang, Meijing ..... Blacksburg, VA  
Dissertation Title: Quantifying High-resolution Hydrologic Parameters at the Basin Scale using InSAR and Inverse Modeling, Las Vegas Valley, NV  
Committee Chair: Prof. T. J. Burbey

**August 16, 2014**

- Levitani, Denise Madeline ..... Kensington, MD  
Dissertation Title: Hydrogeochemistry of an Unmined Uranium Ore Deposit  
Committee Chair: Prof. R. J. Bodnar and Prof. M. E. Schreiber

**MATHEMATICS**

**August 16, 2014**

- Boyce, Steven James ..... Manassas, VA  
Dissertation Title: Modeling Students' Units Coordinating Activity  
Committee Chair: Prof. A. H. Norton III



## PHYSICS

**December 18, 2014**

- Abdel Salam Khalifa, Moataz Bellah Mohammed ..... Cairo, Egypt  
Dissertation Title: Nanolithography Using Atomic Force Microscopes  
Committee Chair: Prof. J. R. Heflin
- Li, Yao..... Blacksburg, VA  
Dissertation Title: Analysis on Decays of B Mesons to Three Charged Pions  
Committee Chair: Prof. L. E. Pilonen
- Mukhopadhyay, Abhishek..... Chhandannagar, India  
Dissertation Title: Introducing Charge Dependent Asymmetric Response of Water into the Implicit Solvation Framework  
Committee Chair: Prof. A. Onufriev and Prof. R. V. Kulkarni
- Wang, Dong ..... Xi'an, China  
Dissertation Title: Application of Ionic Self-assembled Multilayers of Nanostructures in Electromechanical Bending Actuators and Micro-electromechanical Gas Chromatography Devices  
Committee Chair: Prof. J. R. Heflin
- Williams, Kimberly Marie..... Hattiesburg, MS  
Dissertation Title: Search for the Rare Decay  $B \rightarrow \mu^+ \mu^-$   
Committee Chair: Prof. L. E. Pilonen
- Yuan, Qifan ..... Xinghua, China  
Dissertation Title: Structural and Electrical Characterizations of Transition Metal Compounds for Electrochemical Energy Storage  
Committee Chair: Prof. V. G. Soghomonian

**August 16, 2014**

- Christensen, Eric Kurt..... Westminster, MD  
Dissertation Title: Applications of Neutrino Physics  
Committee Chair: Prof. P. Huber
- Hor, Yuenkeung ..... Hong Kong, Hong Kong  
Dissertation Title: The Daya Bay Reactor Neutrino Experiment  
Committee Chair: Prof. J. M. Link

**July 7, 2014**

- Guarnaccia, Evan Thomas..... Purchase, NY  
Dissertation Title: Modeling and Measurement of the Cosmic Muon Flux at Underground Sites  
Committee Chair: Prof. C. Mariani

## PSYCHOLOGY

**December 18, 2014**

- Chen, Nan ..... Dalian, China  
Dissertation Title: Co-development of Internalizing and Externalizing Behaviors During Middle Childhood and Potential Moderators of the Process  
Committee Chair: Prof. K. Deater-Deckard
- King, Kenya Latonya..... Brooklyn, NY  
Dissertation Title: Stereotype Threat and Survey Response Bias  
Committee Chair: Prof. D. K. Axsom
- Klineburger, Philip C..... Lewes, DE  
Dissertation Title: The Dynamic Functional Capacity Theory: Music Evoked Emotions  
Committee Chair: Prof. D. W. Harrison
- Amatya, Kaushalendra ..... Blacksburg, VA  
Dissertation Title: Witnessing Partner Violence in Childhood: Impact on Emotion Dysregulation in College Students  
Committee Chair: Prof. R. T. Jones

## STATISTICS

**December 18, 2014**

- Bedair, Khaled Farag Emam..... Blacksburg, VA  
Dissertation Title: Statistical Methods for Multi-type Recurrent Event Data Based on Monte Carlo EM Algorithms and Copula Frailties  
Committee Chair: Prof. Y. Hong

- Fang, Youjia ..... Xiamen, China  
Dissertation Title: Modeling Driving Risk Using Naturalistic Driving Study Data  
Committee Chair: Prof. F. Guo
- Hu, Xinran ..... Nanchang, China  
Dissertation Title: Interactive Multidimensional Scaling and Batched Permutation Sampler  
Committee Chair: Prof. S. C. Leman
- Li, Han ..... Binzhou, China  
Dissertation Title: Statistical Modeling and Analysis of Bivariate Spatial-Temporal Data with the Application to Stream Temperature Study  
Committee Chair: Prof. E. P. Smith and Prof. X. Deng
- Mahmoud, Hamdy Fayed Farahat ..... Cairo, Egypt  
Dissertation Title: Some Advanced Semiparametric Single-index Modeling for Spatially-Temporally Correlated Data  
Committee Chair: Prof. I. Kim
- Peng, Yiming ..... Hefei, China  
Dissertation Title: GLR Control Charts for Process Monitoring with Sequential Sampling  
Committee Chair: Prof. M. R. Reynolds, Jr.
- Roberts, Lucas R. .... Jeffersonville, VT  
Dissertation Title: Variable Selection and Decision Trees: The DiVaS and ALoVaS Methods  
Committee Chair: Prof. S. C. Leman
- Xu, Yangyi ..... Liaoyuan, China  
Dissertation Title: Frequentist-Bayesian Hybrid Tests in Semiparametric and Nonparametric Models  
Committee Chair: Prof. I. Kim
- Xu, Zhibing ..... Blacksburg, VA  
Dissertation Title: Statistical Modeling and Predictions Based on Field Data and Dynamic Covariates  
Committee Chair: Prof. Y. Hong
- Zhang, Dengfeng..... Nanjing, China  
Dissertation Title: Latent Class Model in Transportation Study  
Committee Chair: Prof. F. Guo

**August 16, 2014**

- Dickinson, Rebecca..... Millersville, PA  
Dissertation Title: Statistical Methods for Improving and Maintaining Product Reliability  
Committee Chair: Prof. G. G. Vining

# THE VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE

## BIOMEDICAL & VETERINARY SCIENCES

**December 18, 2014**

- Kocher, Jacob F..... Williamsport, PA  
Dissertation Title: Evaluation of the Novel P Particle Vaccine Candidate Against Human Norovirus Using the Gnotobiotic Pig Challenge Model  
Committee Chair: Prof. L. Yuan
- Pan, Yu ..... Tianjin, China  
Dissertation Title: An Investigation of *Histophilus somni* Virulence Factors in Pathogenesis and Diagnosis  
Committee Chair: Prof. T. J. Inzana
- Walters, Jessica Nicole ..... Powhatan, VA  
Dissertation Title: Characterization of Atypical Hemolytic *Ornithobacterium rhinotracheale* Isolates and Comparison with the Normal Non-Hemolytic Phenotype  
Committee Chair: Prof. F. W. Pierson

**July 7, 2014**

- Regna, Nicole Lynn..... Virginia Beach, VA  
Dissertation Title: Isoform-Selective HDAC Inhibition for the Treatment of Lupus Nephritis  
Committee Chair: Prof. C. M. Reilly

# DOCTOR OF EDUCATION

## COLLEGE OF LIBERAL ARTS AND HUMAN SCIENCES

### EDUCATIONAL LEADERSHIP AND POLICY STUDIES

**December 18, 2014**

- Alarcon, Freddie Punzalan.....Virginia Beach, VA  
Dissertation Title: Response to Intervention (RTI) in Middle School: A  
Comparative Study of Staff Perceptions at Two Middle Schools  
Committee Chair: Prof. C. S. Cash
- Carter, Dennis Gale.....Saltville, VA  
Dissertation Title: The Simultaneous Implementation of Two School  
Improvement Models in a Rural Southwest Virginia School System  
Committee Chair: Prof. N. W. Tripp
- Delp, Cynthia Dawn.....Salem, VA  
Dissertation Title: Mount Rogers Combined School: The Experiences and  
Perspectives of Students and Faculty When a Community School Closed  
Committee Chair: Prof. N. W. Tripp
- Foulke, Gary Brian.....McPherson, KS  
Dissertation Title: Virginia's Standards of Learning and the Common Core  
State Standards  
Committee Chair: Prof. N. W. Tripp
- Johnson, Robert Russa.....Salem, VA  
Dissertation Title: The Additionians: The Experiences of Students Who  
Attended Lucy Addison High School, an All-Black High School in  
Roanoke, Virginia, After Desegregation  
Committee Chair: Prof. J. L. Sellers and Prof. N. W. Tripp
- Mcintyre-Odoms, Brenda Elizabeth.....Newport News, VA  
Dissertation Title: Elementary Principals' Perceptions of 21st Century Skills  
in Southeastern Virginia  
Committee Chair: Prof. C. S. Cash
- Mele, Susan Catherine.....Goodview, VA  
Dissertation Title: The Supervision of Paraprofessionals in Elementary  
School Classrooms  
Committee Chair: Prof. D. J. Parks
- Morgan, Michelle Lee.....Roanoke, VA  
Dissertation Title: Implementation of Reform with a Performance-Based  
Teacher Evaluation System: A Case Study of One School District  
Committee Chair: Prof. M. D. Alexander
- Patterson, Melanie Marshee.....Suffolk, VA  
Dissertation Title: A Qualitative Analysis of High Achieving African-American  
Females' Perceptions on Factors That Impact on Time High School  
Graduation in Southeastern Virginia  
Committee Chair: Prof. C. S. Cash
- Tatem, Pamela Michelle.....Chesapeake, VA  
Dissertation Title: Dispositions of Effective Elementary Teachers in an  
Urban District in Southeastern Virginia  
Committee Chair: Prof. C. S. Cash
- Thompson, Phillip Joel.....Buchanan, VA  
Dissertation Title: The Relationship Between School Facility Renovation  
and Student Achievement in Virginia High Schools  
Committee Chair: Prof. G. I. Earthman
- Williams, Kimberly Graybeal.....Marion, VA  
Dissertation Title: A Case Study of Crestwood Primary School:  
Organizational Routines Implemented For Data-Driven Decision Making  
Committee Chair: Prof. N. W. Tripp

### EDUCATION SPECIALIST

#### CURRICULUM AND INSTRUCTION

**August 16, 2014**

- Osborne, Stella Otway.....Appomattox, VA

### EDUCATIONAL LEADERSHIP AND POLICY STUDIES

**July 7, 2014**

- Camidge, Tressa Ann.....Roanoke, VA

# MASTER'S DEGREES

## COLLEGE OF AGRICULTURE AND LIFE SCIENCES

### MASTER OF SCIENCE

#### AGRICULTURAL AND APPLIED ECONOMICS

**December 18, 2014**

- Caffarelli, Peter Anthony.....Buffalo, NY

**August 16, 2014**

- He, Shu.....Guangzhou, China  
Lucha, Christopher Ryan.....Salisbury, NC  
Movafaghi, Olivia Shahrzad.....Hollis, NH

**July 7, 2014**

- Vaiknoras, Kate Alyse.....Wakefield, MA  
Weixler-Landis, Barry.....Lancaster, PA

#### AGRICULTURAL AND LIFE SCIENCES

**December 18, 2014**

- Hutchins, Franya Elizabeth.....Boone, NC  
Kozolup, Rachael E.....Arlington, VA  
Mize, Timothy Allen.....Warrenton, VA  
Nortman, Daniel R.....Haslett, MI  
Orr, William James.....Richmond, VA  
Phillips, Amy Winifred.....Norfolk, VA  
Torrez, Casey Louise.....Manassas, VA

**August 16, 2014**

- Bates, Kara Renne Barnes.....Strasburg, VA  
Wingfield, Amanda Michelle.....Martinsville, VA

**July 7, 2014**

- Crawford, Claudia Camille.....Virginia Beach, VA  
Eifert, Joell A.....Riner, VA  
Trutko, Alexander Ace.....Arlington, VA

#### ANIMAL AND POULTRY SCIENCES

**December 18, 2014**

- Mccoski, Sarah Regina.....Amsterdam, NY  
McCracken, Victoria Lorraine.....Hampton, VA  
Potter, Tiffany Dawn.....Pearisburg, VA

**August 16, 2014**

- Brooks, Kayla Leanne.....Victoria, VA  
Harmon, Deidre Danielle.....Galax, VA  
Seelenbinder, Kirsten Marie.....Virginia Beach, VA

#### CROP AND SOIL ENVIRONMENTAL SCIENCES

**December 18, 2014**

- Ross, Lucas Clay.....Goode, VA  
Smith, Margaret Blair.....Richmond, VA  
Trail, Patrick James.....Blacksburg, VA

**August 16, 2014**

- Kawinuwinu, Innocent Benson.....Liwonde, Malawi

#### DAIRY SCIENCE

**August 16, 2014**

- Caudle, Lindsey Renee.....Haymarket, VA  
Griffith, Abigail Susanne.....Mechanicsburg, OH

## MASTER OF SCIENCE IN LIFE SCIENCES

### AGRICULTURAL AND EXTENSION EDUCATION

December 18, 2014

Wright, Brielle Simone..... Clarkton, NC

### ENTOMOLOGY

December 18, 2014

Scates, Sara Stuart..... Maidens, VA

### FOOD SCIENCE AND TECHNOLOGY

December 18, 2014

Briggs, Nathan David..... Herndon, VA

July 7, 2014

Yang, Lily L..... Irvine, CA

### PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE

December 18, 2014

Hawkins, Jacqueline F..... Camp Lejeune, NC

August 16, 2014

Ma, Wei..... Blacksburg, VA

## COLLEGE OF ARCHITECTURE AND URBAN STUDIES

### MASTER OF ARCHITECTURE

December 18, 2014

Bohlmeyer, John M..... Centralia, MO

Coffey, Shaun C..... Sterling, VA

DeSantis, Christopher Daniel..... Woodbine, NJ

Fay, Nathan..... Santa Barbara, CA

Ghafouri Ashtiany, Hadyeh..... Blacksburg, VA

Jiang, Xuyang..... Beijing, China

Kunjara Na Ayudhya, Indhava..... Bangkok, Thailand

August 16, 2014

Clifford, Kenith Jeramie..... Oil City, PA

Hedrick, Martin Joseph..... Richmond, VA

Pietsch, Christopher Alexander..... New Albany, IN

Seavy, Ryan..... Denver, CO

Temple-West, Frances P..... Blacksburg, VA

Wan, Mingchao..... Nanchang, China

July 7, 2014

Al Hamzeh, Nida Khaled Ahmad..... Irbid, Jordan

Iwaskiw, Joseph Andrew..... Ellicott City, MD

Zavodszky, Zsolt E..... Pittsburgh, PA

### MASTER OF FINE ARTS

#### CREATIVE TECHNOLOGIES

December 18, 2014

Fine, Justin Mitchell..... Waldorf, MD

Ramadan, Hadeel M..... Cairo, Egypt

### MASTER OF PUBLIC ADMINISTRATION

#### PUBLIC ADMINISTRATION/PUBLIC AFFAIRS

December 18, 2014

Bonneville, Lauren Young..... Richmond, VA

Britt, Jeffrey Michael..... Richmond, VA

Cooper, Jason Andrew..... Blacksburg, VA

Lien, Jamie Alexandra..... Manassas, VA

Lintecum, Cecil Lee, Jr..... Richmond, VA

McKnight, Sara Ann..... Roanoke, VA

Piersol, Bethany Johnston..... Henrico, VA

Ray, Alexander Bayle..... Alexandria, VA

Richards, Melissa Farmer..... Bassett, VA

Rodriguez, Cecily Jane..... Richmond, VA

Sternitzke, Anna Cecelia..... Herndon, VA

Choi, Candi Lee..... Haymarket, VA

July 7, 2014

Rihner, Marisa O'Grady..... Charlottesville, VA

## MASTER OF SCIENCE

### ARCHITECTURE

December 18, 2014

Black, Kenneth Allan..... Virginia Beach, VA

Taylor, Christopher Scott..... Aldie, VA

### BUILDING/CONSTRUCTION SCIENCE AND MANAGEMENT

December 18, 2014

Alhrabi, Abdulaziz Ibrahim..... Onizah, Saudi Arabia

Amini, Arghavan..... Blacksburg, VA

July 7, 2014

Nikkhoo, Parisa..... Blacksburg, VA

### MASTER OF URBAN AND REGIONAL PLANNING

December 18, 2014

He, Xusheng..... Beijing, China

Ngo, Dacthien Paul..... Vienna, VA

## PAMPLIN COLLEGE OF BUSINESS

### MASTER OF ACCOUNTING AND INFORMATION SYSTEMS

December 18, 2014

Du, Chao..... Bengbu, China

Liu, Shuyi..... Shanghai, China

Lou, Chunjia..... Shanghai, China

Pope, Brandon Lewis..... Roanoke, VA

Williams, Brent Noel, Jr..... Raleigh, NC

August 16, 2014

Beets, Mary Grace..... Pinnacle, NC

July 7, 2014

Basyal, Hem Raj..... Falls Church, VA

Bowen, Ellen Tate..... Salem, VA

Caulder, Anna Catherine..... Hendersonville, NC

Hunter, Jill Suzanne..... St. Augustine, FL

Pagani, Valerie Ann..... Rocky Mount, VA

### MASTER OF BUSINESS ADMINISTRATION

December 18, 2014

Boynnton, Michael Bradley..... Williamsburg, VA

Chivate, Sagar..... Fairfax, VA

Fagan, Drew David..... Centreville, VA

Fisher, Vincent L..... Falls Church, VA

Ma, Liyang..... Blacksburg, VA

Morrison, Wesley Philip..... Reston, VA

Zhang, Nan..... Baoquanling, China

August 16, 2014

Abdelaziz, Adlan Ahmed..... Springfield, VA

Alvarado, Karen Liliana..... Bogota, Colombia

Babcock, Jason Llewellyn..... Richmond, VA

Boynnton, Michael Bradley..... Williamsburg, VA

Bystrek, Robert Stanley, Jr..... Wichita, KS

Croot, Stacey Lynn..... Centreville, VA

Hertz, William Lewis..... Richmond, VA

Jackson, Kathleen McKeon..... Roanoke, VA

Jollon, Richard Thomas.....Purcellville, VA  
 King, Michael Dean.....Virginia Beach, VA  
 Lowry, Bradford Robert.....Richmond, VA  
 Parisi, Ross Robert.....Roanoke, VA  
 Powell, Jacob Scott.....Mechanicsville, VA  
 Quinn, Amanda Elizabeth.....Charlottesville, VA  
 Schumacher, Joshua Daniel.....Ashburn, VA  
 Stanley-Zahorchak, Susan Marie.....Roanoke, VA  
 Starnes, Cotter Alison.....Richmond, VA  
 Tolman, Stanley Ray.....Crozet, VA  
 Walker, Timothy Michael.....Richmond, VA

**July 7, 2014**

Titus-Glover, Alfred K., Jr.....Baltimore, MD

## MASTER OF SCIENCE

### BUSINESS ADMINISTRATION

**August 16, 2014**

Cartis, Loredana Delia.....Oradea, Romania  
 Klein, Calais Nicole.....Madison, AL

## COLLEGE OF ENGINEERING

### MASTER OF ENGINEERING

#### AEROSPACE ENGINEERING

**August 16, 2014**

Hunt, Derrick Scott.....Virginia Beach, VA

#### BIOLOGICAL SYSTEMS ENGINEERING

**December 18, 2014**

Hickey, Christopher Robert.....Tinton Falls, NJ

#### CHEMICAL ENGINEERING

**December 18, 2014**

Jain, Ishan.....Kota, India

#### COMPUTER ENGINEERING

**December 18, 2014**

Chopra, Gautam.....Blacksburg, VA  
 Das, Suraj Uttamkumar.....Blacksburg, VA  
 Gopalakrishnan, Preethi.....Chennai, India  
 Kalyanaraman, Ramakrishnan.....Mumbai, India  
 Mohanan, Sree Ram.....Cannanore, India  
 Pezzino, Salvatore A.....Huntington Station, NY  
 Zheng, Xiangwei.....Hangzhou, China

**August 16, 2014**

Yeruva, Nikhila Reddy.....Hyderabad, India

#### ELECTRICAL ENGINEERING

**August 16, 2014**

Carlson, Craig Edward.....Sterling, VA  
 Katti Sastry, Varuni.....Blacksburg, VA  
 Uttaraparwanich, Chinnaphon.....Chonburi, Thailand

#### MECHANICAL ENGINEERING

**December 18, 2014**

Kvalo, Matthew Edward.....Portage, WI  
 Yeaton, Isaac John.....Plainfield, NH

**July 7, 2014**

Cho, Adam J.....Centreville, VA

### MASTER OF ENGINEERING ADMINISTRATION

**August 16, 2014**

White, Michael Ashby.....Roanoke, VA

## MASTER OF SCIENCE

### AEROSPACE ENGINEERING

**December 18, 2014**

Agarwal, Divyanshu.....Norfolk, VA  
 Allen, David William.....Tabernaule, NJ  
 Buhl, George Thomas.....Alexandria, VA  
 Cifuentes, Jonathan.....New York, NY  
 Clark, Ian Andrew.....Slidell, LA  
 Heersema, Nicole Amanda.....Mountainside, NJ  
 Ojeda Romero, Juan Andre.....Ashburn, VA  
 Riggins, Benjamin Kirby.....Rolla, MO  
 Schneider, Alex Joseph.....Clover, SC  
 Sengezer, Engin C.....Ankara, Turkey

**August 16, 2014**

Antcliff, Kevin Richard.....Hampton, VA  
 Choi, Jae-Young.....Seoul, South Korea  
 Fave, Sebastian Philipp.....Virginia Beach, VA  
 Portner, Stephen Michael.....King George, VA

**July 7, 2014**

Bartley, Stefanie Elizabeth.....Lexington Park, MD  
 Capps, Ryan Anthony.....Roanoke, VA  
 Harlow, Zachary Scott.....Staunton, VA  
 Pickering, Brent Phillip.....Chesapeake Beach, MD  
 Smith, Patrick Douglas.....Phoenix, MD

#### BIOLOGICAL SYSTEMS ENGINEERING

**December 18, 2014**

Willard, Lory Lee.....Kernersville, NC

#### BIOMEDICAL ENGINEERING

**December 18, 2014**

Reese, Laura Michelle.....Huntersville, NC  
 Sampson, Alana Cherrell.....Virginia Beach, VA

**July 7, 2014**

Putnam, Jacob Breece.....Scottsville, VA

#### CHEMICAL ENGINEERING

**December 18, 2014**

Vaidya, Prasad Avdhut.....Iselin, NJ

#### CIVIL ENGINEERING

**December 18, 2014**

Amonette, Matthew Steven.....Powhatan, VA  
 Bain, Andrew Scott.....Evansville, IN  
 Bellis, Phillip.....Roseto, PA  
 Bhimanadhuni, Sowmya.....Hyderabad, India  
 Boppe, Daniel Franklin.....Stuarts Draft, VA  
 Bradley, Nathaniel Robert.....Norwood, MA  
 Cameron, Ryan D.....Eureka, CA  
 Carter, William Lake.....Newport News, VA  
 Cesnik, Anne Michele.....Winchester, VA  
 Charuwat, Peerawat.....Phitsanulok, Thailand  
 Cox, Austin Andrew.....Princeton, WV  
 Dupuis, Marcel Paul.....Sarasota, FL  
 Guerin, Scott Ryan.....North Grosvenordale, CT  
 Higbie, Catherine.....Greenwich, CT  
 Izzo, Nicholas Steven.....Edison, NJ  
 Johnson, Sarah Kathleen.....Earlsville, VA  
 Karam, Rodrigue Joseph.....Blacksburg, VA  
 Kim, Se-Hyung.....Willow Grove, PA  
 Kincheloe, Richard Nelson.....Chesterfield, VA  
 Knight, Joshua Standish.....Lynchburg, VA  
 Kumar, Pradeep.....Aurangabad, India  
 Ma, Liyang.....Blacksburg, VA  
 Maine, Rebecca Louise.....Earlsville, VA  
 Martinez, Gianni Alfredo.....Orange Walk, Belize  
 McNally, William Ryan.....Cream Ridge, NJ

Metz, Anthony John ..... McMurray, PA  
 Miller, Dale Paul ..... Marseilles, IL  
 Morris, Patrick Everett ..... Arlington, VA  
 Nemec, Zachary Aloysius ..... Winchester, VA  
 Ngamjarungjit, Tanakorn ..... Bangkokonthi, Thailand  
 Nida, Abenezzer ..... Alexandria, VA  
 Noble, Alexandria Marie ..... Newark, DE  
 Pu, Davide ..... Porto Ceresio, Italy  
 Quinn, Brandon Matthew ..... Schoharie, NY  
 Rossi, Stephen ..... Toms River, NJ  
 Ruschman, Rebecca Lynn ..... Easton, PA  
 Stallings, Andrew Martin ..... Newburgh, NY  
 Sublouban, Akram Anwer ..... Jerusalem, Israel  
 Tejano, Robert Johan ..... Annandale, VA  
 Tellatin, Luigi ..... Bassano del Grappa, Italy  
 Trumpoldt, Julie Marie ..... Yorktown, VA  
 Villaluz, Joelvito Gonzales, Jr. .... Shelton, CT  
 Wang, Xinfei ..... Nanchang, China  
 Wood, Michael Tyler ..... Williamsburg, VA  
 Xing, Chenxi ..... Nanjing, China  
 Yu, Paul Sung Jung ..... Bethesda, MD  
 Zhang, Wei ..... Nanjing, China  
 Zhang, Yang ..... Yangzhou, China

**August 16, 2014**

Arbie, Nurlayla ..... Palu, Central Sulawesi, Indonesia  
 Deskos, Georgios ..... Megara, Greece  
 Godfrey, Elizabeth Anne ..... Norfolk, VA  
 Lama Salomon, Abraham ..... Blacksburg, VA  
 Li, Xiwen ..... Beijing, China  
 Vaanjilnorov, Achmaa ..... Arlington, VA

**July 7, 2014**

Bartku, Elaine Cleare ..... Chesapeake, VA  
 Black, Valerie Mills ..... Manassas, VA  
 Bowers, Jeremy Thomas ..... Beltsville, MD  
 Ong, Boon Teck ..... Kota Kinabalu, Malaysia  
 Peng, Bo ..... Beijing, China

**COMPUTER ENGINEERING**

**December 18, 2014**

Acharya, Vineeth Vadiraj ..... Bangalore, India  
 Antol, Stanislaw ..... Oak Lawn, IL  
 Bagri, Sharad ..... Guwahati, India  
 Balasubramanian, Harish ..... Chennai, India  
 Bond, Ross Aaron ..... Murrysville, PA  
 Burns, Kevin Patrick ..... Bluemont, VA  
 Dsouza, Michael Dylan ..... Udipi, India  
 Khoshnood, Sepideh ..... Ramsar, Iran  
 Quirk, Meghan M. .... Blacksburg, VA  
 Ravichandran, Akshay Giridhar ..... Chennai, India  
 Yuan, Zeyang ..... Handan, China

**August 16, 2014**

Garg, Apoorva ..... Roorkee, India  
 Marlow, Ryan Lane ..... Fairfax Station, VA

**July 7, 2014**

Dobson, Christopher Vaness ..... Gainesville, FL  
 Messaoud, Safa ..... Sfax, Tunisia  
 Pham, Andrew Minh-Quan ..... Lorton, VA  
 Sharakhov, Nikita Igorevich ..... Blacksburg, VA

**COMPUTER SCIENCE AND APPLICATIONS**

**December 18, 2014**

Bhattacharjee, Tirtha Pratim ..... Agartala, India  
 Monk, Monika Patrice ..... Chester, VA  
 Peng, Bo ..... Beijing, China  
 Sourchi, Soheil ..... Orumieh, Iran

**August 16, 2014**

Hora, Manpreet Kaur ..... Indore, India  
 Kaw, Rushi ..... Blacksburg, VA  
 Mantri, Sushil Govindnarayan ..... Ichalkaranji, India

**July 7, 2014**

Muthiah, Sathappan ..... Arlington, VA  
 Sundareisan, Shashidhar ..... Mumbai, India

**ELECTRICAL ENGINEERING**

**December 18, 2014**

Al-Mamun, Mohammad Shah ..... Barisal, Bangladesh  
 Allen, Noah Patrick ..... Powhatan, VA  
 Blair, Arthur Paul, Jr. .... Oakland City, IN  
 Cassidy, Brian Michael ..... Chesapeake, VA  
 Chandrasekhar Nambiar, Shyam ..... Kannur, India  
 Chavali, Neelima ..... Hyderabad, India  
 Chen, Rui ..... Kunming, China  
 Delport, Jacques ..... Bassett, VA  
 Dixon, Kristoffer Charles ..... Fairbanks, AK  
 Gode, Tejaswi ..... Bangalore, India  
 Ha, Sean Anthony ..... Springfield, VA  
 Jennette, Christopher Roy ..... Virginia Beach, VA  
 Mao, Shiwei ..... Blacksburg, VA  
 Mishra, Chetan ..... Delhi, India  
 Nakidde, Diana ..... Takoma Park, MD  
 Patterson, Cameron Webster ..... Fairfax Station, VA  
 Ramasubramanian, Gayathri ..... Chennai, India  
 Roy, Tamoghna ..... Kolkata, India  
 Schmitt, Andreas Joachim ..... Mountain Lakes, NJ  
 Tilman, Richard Henry ..... Williamsburg, VA  
 Wang, Chaofan ..... Huangshi, China  
 Yeago, Taylor Craig ..... Stuarts Draft, VA  
 Zhou, Bo ..... Anshan, China  
 Zora, Leydi Tatiana ..... Barranacabermeja, Colombia

**August 16, 2014**

Cao, Zhongsheng ..... Daye, China  
 Carter, Matthew Edward ..... Vallejo, CA  
 Chen, Xuebing ..... Kunming, China  
 Jain, Aditya ..... New Delhi, India  
 Jewell, Victoria Rose ..... Fairfax, VA  
 Kerley, Ross Andrew ..... Satellite Beach, FL  
 McCarter, Brian Raymond ..... Blacksburg, VA

**July 7, 2014**

Anders, Lisa Mae ..... Anchorage, AK  
 Bettadapura, Raghuprasad Shivatejas ..... Bangalore, India  
 Fanelli, Lucy Katharine ..... New York, NY  
 Oriafio, Stacey I. .... Edo State, Nigeria  
 Sanjab, Anibal Jean ..... Wata Houb, Lebanon

**ENGINEERING MECHANICS**

**August 16, 2014**

Allin, Leigh Jouett ..... Lexington, KY  
 Fergusson, Austin David ..... Cumming, GA  
 Pandey, Anupam ..... Blacksburg, VA

**July 7, 2014**

Siripurapu, Sundeep Krishna ..... Hyderabad, India

**ENVIRONMENTAL ENGINEERING**

**December 18, 2014**

Arango Rodriguez, Ana Maria ..... Medellin, Colombia  
 Freitas, Andrew Daniel Sanchez ..... Alexandria, VA  
 Hinds, Gary Stephen ..... Andover, MA  
 Jain, Ishan ..... Kota, India  
 Le, Trung Hieu ..... Springfield, VA  
 Vaidya, Ramola Vinay ..... Pune, India  
 Zhang, Dian ..... Xi'an, China

**August 16, 2014**

Sharma, Shekar ..... Mysore, India

**July 7, 2014**

Sellaro, Rachel Mary ..... Morgantown, WV

## ENVIRONMENTAL SCIENCES AND ENGINEERING

December 18, 2014

Linton, James Rexford..... Singapore, Singapore

## INDUSTRIAL AND SYSTEMS ENGINEERING

December 18, 2014

Bart, Johanna..... Dresden, Germany  
Bhosale, Tejas Shamrao..... Pune, India  
Echols, John Russell..... Stuarts Draft, VA  
Moore, Jeffrey Dosser..... Midlothian, VA  
Prosch, Scott George..... Annandale, VA  
Robertson, John Tully..... Fredericksburg, VA  
Soeffker, Ninja..... Kerken, Germany  
Viray, Reginald Luna..... Virginia Beach, VA  
Zhang, Nan..... Baoquanling, China

August 16, 2014

Gandhi, Nirmitt Rajesh..... Mumbai, India

July 7, 2014

Gupta, Ragini..... New Delhi, India  
Hixson, Cory Allen..... Connellsville, PA  
Mills, Robert Jeffrey..... Danville, VA  
Shashaani, Sara..... Tehran, Iran  
Titus-Glover, Alfred K., Jr..... Baltimore, MD

## MECHANICAL ENGINEERING

December 18, 2014

Anderson, Matthew John..... Centreville, VA  
Burns, James Ian..... Clarke County, VA  
Caceres, Carlos Antonio..... Leesburg, VA  
Crowley, Kevin Michael..... Richmond, VA  
Detaranto, Michael Francis..... Sterling, VA  
Hardwick, Jonathan Robert..... Fayetteville, NC  
Heisler, Elizabeth Marie..... Millersville, MD  
Jayabalan, Vivek..... Bangalore, India  
Khanse, Karan Rajiv..... Pune, India  
Knabe, Coleman Scott..... Yorktown, VA  
Lang, Joseph Reagle, Jr..... Centreville, VA  
Michael, Tyler Jordan..... Lexington, NC  
Peterson, Eric W..... Carlsbad, NM  
Pilot, Christian Nicholas..... Roanoke, VA  
Steele, Steven Cory Wyatt..... Fresno, CA  
Teresi, Michael Bryan..... Yorktown, VA  
Tran, Prenn Xuan..... South Park, PA  
Twyman, Catherine Ann Marie..... White Plains, MD  
Voinier, Steven..... Rockaway Township, NJ  
Vorobtsova, Natalya..... Novosibirsk, Russia  
Wasson, Rachel Ann..... Albuquerque, NM  
Webb, Jacob Daniel..... Frantown, CO  
Williams, Matthew J..... Greensboro, GA

August 16, 2014

Andriani, Rudy Thomas..... Old Greenwich, CT  
Brennan, Sean Aaron..... Erie, PA  
Costain, Andrew J..... Foxboro, MA  
Meyers, Brett Albert..... Medford Lakes, NJ  
Radford, Scott Carson..... Richmond, VA

July 7, 2014

Anderson, Eric Carlton..... McLean, VA  
Campaigne, Earl Andrew, III..... Waynesboro, VA  
Kang, Min Wook..... Burke, VA  
Lambert, Philip Michael..... Scarborough, ME  
Manning, Peter Christopher..... Pawcatuck, CT  
Roa, Christian Raphael..... South Point, OH  
Wang, Zhuosong..... Yorktown, VA

## MINING ENGINEERING

December 18, 2014

Hobert, Andrew Reid..... Vienna, VA  
Russell, Andrew James Reksten..... Sterling, VA

August 16, 2014

Brashear, Kyle Thomas..... Concord, NC

July 7, 2014

Rowley, Dylan Mark..... New Egypt, NJ  
Wimmer, Christopher Lance..... Richlands, VA

## OCEAN ENGINEERING

December 18, 2014

Alban, Michael Paul..... New Market, MD  
Clark, Colton Gager..... Kingsport, TN  
Lyons, David Geoffrey..... Yorktown, VA  
Riondet, Matthew Thomas..... Kennett Square, PA

## INTERDISCIPLINARY DEGREES

### MASTER OF INFORMATION TECHNOLOGY

December 18, 2014

Bardusch, Timothy William..... Yorktown, VA  
Bauman, Michael Joseph..... New Kent, VA  
Brown, Nathan David..... Woodbridge, VA  
Daniels, Alexander Gordon..... Vienna, VA  
Daya, Amit..... Fredericksburg, VA  
Dean, Clayton M..... Arlington, VA  
Do, Kevin James..... Fairfax Station, VA  
Geier, Christian Arthur..... Tampa, FL  
Hart, Kevin Peter..... Leesburg, VA  
Hasan, Fahid..... Ashburn, VA  
Honaker, William Christopher..... Aldie, VA  
Janda, Stephen Thomas..... Springfield, VA  
Juba, Michael George..... Massapequa, NY  
Litchford, Quinton Alexander..... Midlothian, VA  
Mohamed, Amna..... Leesburg, VA  
Mount, Daniel..... Havertown, PA  
Narayanan, Mahesh..... Falls Church, VA  
Narayanan Nambodiri, Rajesh V..... Fairfax, VA  
O'Brien, Nathaniel Peter..... Fort Collins, CO  
Outlaw, Paul David..... Virginia Beach, VA  
Periyapatna, Roopa..... Ashburn, VA  
Pisupati, Rama Shastry..... Falls Church, VA  
Ricker, Jonathan Karl..... Sterling, VA  
Robertson, Brittany Tombarge..... Lexington, VA  
Rountree, John Rogers, III..... Irvine, CA  
Siddhi, Ravindra..... Richmond, VA  
Smith, Shane Jordan..... Virginia Beach, VA  
Tran, Sharon..... Fairfax, VA  
Young, Joseph John..... Carrollton, VA  
Zhang, Xiaofeng..... Blacksburg, VA

August 16, 2014

Chrisley, Cheryl Mabry..... Pulaski, VA  
Collins, Carmella Louise..... Kingsport, TN  
Davis, Zachary Edward..... Moss Point, MS  
Deshpande, Mandar A..... Glen Allen, VA  
Gilmore, Elizabeth Lyell Twentyman..... Oak Hill, VA  
Glatfelter, John William..... West Chester, PA  
Goodman, Rebecca Lynne..... Falls Church, VA  
Harrington, Gwen D..... Christiansburg, VA  
Matisick, George Thomas..... Clements, MD  
Tisdell, Keith..... Portageville, MO  
Torres Martinez, Karina Vanesa..... Washington, DC  
Vogelgesang, Mark O'Rourke..... Arlington, VA

July 7, 2014

Balasubramaniam, Senthiru Priya..... Ashburn, VA  
Longest, Daniel Carrington, Jr..... Keswick, VA

# COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

## MASTER OF ARTS

### COMMUNICATION

**December 18, 2014**

Hash, Andrae Stephen.....Pulaski, VA

**July 7, 2014**

Hughes, Adam Garrett.....Forest City, NC

### ENGLISH

**December 18, 2014**

Chase, Bobbie Jo.....Blacksburg, VA

**August 16, 2014**

Seref, Michelle Marie Hanna.....Sarasota, FL

### HISTORY

**July 7, 2014**

Jones, Adam Matthew.....Bridgton, ME

### PHILOSOPHY

**December 18, 2014**

Lay, Alice.....Minneapolis, MN

### POLITICAL SCIENCE

**December 18, 2014**

Brunk, Alexander Crowley.....Deerfield, IL  
Clevenger, Brian Keoni.....Owings Mills, MD  
Lynch, Allyson Ridgway.....Rocky Mount, VA  
Meade, Justina Aneva.....Woodbridge, VA  
Mitchell, Courtney Michelle.....Chesapeake, VA  
Morelock, Jessica Lee.....Osceola, WI  
Panos, Nicholas Christopher.....Winter Springs, FL

**August 16, 2014**

Judson, Lauren Joyce.....Rocky Mount, VA

## MASTER OF ARTS IN EDUCATION

### CURRICULUM AND INSTRUCTION

**December 18, 2014**

Cundiff, Andrew Charles.....Roanoke, VA  
Denny, Jessica Lynn.....Davenport, IA  
Elmore, Misty Lee Stinnette.....Forest, VA  
Hager, Regina Anne.....Newport News, VA  
Iyer, Anand Subramanian.....Blacksburg, VA  
Kapania, Madhu Bala.....Blacksburg, VA  
Karatsikis, Sophia Zoe.....Yorktown, VA  
Kelly, John Lawrence.....Troy, VA  
Kitts, Scott Thomas.....Abingdon, VA  
Lassiter, Janet Renee.....Cary, NC  
Leonard, Ashley Kessler.....Roanoke, VA  
Levy, Donna Karen.....Gum Spring, VA  
Liddle, Courtney Ruth.....Haymarket, VA  
Lindo, Michelle Diane.....Winchester, VA  
Masteller, Kelly Caroline.....Gainesville, FL  
McElroy, Tracy L.....Blacksburg, VA  
Ritenour, Virginia Ann.....Newport, VA  
Spindle, Lauren Ashleigh.....Fredericksburg, VA  
Stamey, Jennifer Lauren.....Kissimmee, FL  
Vermillion, Shawna Yvonne.....Kingsport, TN  
Wang, David.....Ashburn, VA

**August 16, 2014**

Banghart, Rebecca Gail.....Herndon, VA  
Eakin, Maria Faye.....Salem, VA  
Foster, Victoria Payne.....Williamsburg, VA  
Green, Jefferson Christian.....Richmond, VA  
Gregori, Jonathan D.....Midlothian, VA  
Harless, Kristie Elizabeth.....Salem, VA  
Hartwell, Amy Washburg.....Palmyra, VA  
Rhodes, Anne Victoria.....South Prince George, VA  
Skipper, Benjamin Braxton.....Charlottesville, VA  
Urben, Paige Elizabeth.....Chesapeake, VA

**July 7, 2014**

Crews, Leanna Hope.....Henrico, VA  
Daigle, Laura Diane.....Portsmouth, VA  
Haigler, Erik William.....Hampton, VA  
Jones, Ashlynn Verneena.....Leesburg, VA  
King, Alexandra Adele.....Woodbridge, VA  
Newman, Amanda Nicole.....Indian Harbour Beach, FL  
Oster, Evan Lee.....Severna Park, MD  
Pittman, Jessica Le.....Leesburg, VA  
Rodden, Monica Caropreso.....Potomac, MD  
Schrettner, Marla Jolene.....Fairfax, VA  
Zhou, Lina.....Beijing, China

## MASTER OF FINE ARTS

### THEATRE ARTS

**August 16, 2014**

DeGeorge, Vincent Joseph.....Pittsburgh, PA

**July 7, 2014**

Shuster, Evan Dana.....Highland, NY

## MASTER OF SCIENCE

### SCIENCE AND TECHNOLOGY STUDIES

**December 18, 2014**

Grunert, Jonathan D.....Blacksburg, VA

**August 16, 2014**

Mountjoy, Brittany Leah.....Warrenton, VA

### SOCIOLOGY

**December 18, 2014**

Lanza, Ashleigh Elizabeth.....Woodbridge, VA

**July 7, 2014**

Jamerson, William Trevor.....Appomattox, VA

## MASTER OF SCIENCE IN EDUCATION

### CAREER AND TECHNICAL EDUCATION

**December 18, 2014**

Hughes, Megan Christine.....Winchester, VA

**August 16, 2014**

Dieter, Julia Michelle.....Virginia Beach, VA  
Mastroianni, Nancy Jean.....Spotsylvania, VA

# COLLEGE OF NATURAL RESOURCES AND ENVIRONMENT

## MASTER OF FORESTRY

December 18, 2014

Saulnier, William Joseph..... Leesburg, VA

## MASTER OF NATURAL RESOURCES

### NATURAL RESOURCES

December 18, 2014

Amick, Matthew..... Albemarle, NC  
Cousins, Melinda L..... Williamsburg, VA  
Holmes, Kevin Edward..... Centreville, VA  
Ingram, Kyle Gray..... Ogdensburg, NY

August 16, 2014

Cousins, Thomas Burt..... Cary, NC  
Hathaway, Ryan Shaw Holder..... Arlington, VA  
Reeves, Melina Deneene..... Wise, VA

July 7, 2014

Donaldson, Josiah Ben..... Mount Pleasant, WI

## MASTER OF SCIENCE

### FISHERIES AND WILDLIFE

December 18, 2014

Chandler, Houston Cawthorn..... Statesboro, GA  
Dunn, Corey Garland..... Powhatan, VA  
Fynn, Iris Ekua Mensimah..... Cape Coast, Ghana  
Mogollon Gomez, Beatriz..... Bogota, Colombia  
Montague, David Miles..... Charlottesville, VA

August 16, 2014

Kane, Mamadou Daha..... Dakar, Senegal

### FORESTRY AND FOREST PRODUCTS

December 18, 2014

Beagley, Khristopher Searl Michael..... Blacksburg, VA  
Debruler, Daniel Gary..... Vacaville, CA  
Endahl, Jordan Brantley..... Charlottesville, VA  
Kepley, Courtney Ann..... New Castle, VA  
Santo, Anna Ruth..... St. Paul, MN  
Tacilla Villanueva, Antonio..... Cajamarca, Peru

August 16, 2014

Brenes Angulo, Oxana Maria..... Blacksburg, VA  
DeYoung, Clara..... Skandia, MI  
Mitchell, David Kenneth..... Marlinton, WV  
Mohamadzadeh, Milad..... Blacksburg, VA  
Wu, Yi-Jei..... Taipei, Taiwan

July 7, 2014

Brenes Bastos, Melissa..... Heredia, Costa Rica

### GEOGRAPHY

December 18, 2014

Howey, Catherine Margaret..... Roanoke, VA

August 16, 2014

Masilela, Ayanda Martha..... Indiana, PA

# COLLEGE OF SCIENCE

## MASTER OF ARTS

### ECONOMICS

August 16, 2014

Perry, Benjamin Randolph..... Williamsburg, VA

## MASTER OF SCIENCE

### BIOLOGICAL SCIENCES

December 18, 2014

Loganathan, Usha R..... Blacksburg, VA  
Muller, Kristen Mary..... Manassas, VA

August 16, 2014

Amos, Katlyn L..... Sterling, VA

### BIOMEDICAL TECHNOLOGY DEVELOPMENT AND MANAGEMENT

July 7, 2014

Shrader, Eva Ellen..... Richmond, VA

### CHEMISTRY

December 18, 2014

Edwards, Angela Celeste..... Dunmore, PA  
Hay, Jennifer Marie..... Ruckersville, VA  
Wang, Guanyu..... Tangshan, China

### GEOSCIENCES

December 18, 2014

Sabey, Lindsay Erin..... Lynchburg, VA

August 16, 2014

Brandon, Ryan..... Tullahoma, TN  
Deng, Kai..... Leshan Sichuan, China  
Xue, Jing..... Datong Shanxi, China

### PHYSICS

December 18, 2014

Lee, Jeong-Ah..... Seoul, South Korea  
Osborne, Daniel Josiah..... Wilmington, DE

### PSYCHOLOGY

December 18, 2014

Moody, Lara..... Williamstown, MA  
Roldan, Stephanie Marie..... Newport News, VA

### STATISTICS

December 18, 2014

Bao, Zhe..... TangShan, China  
Corral, Gavin Richard..... Tucson, AZ  
El Khoully, Mohamed Ibrahim..... Blacksburg, VA

August 16, 2014

Liang, Yu..... Shenyang, China  
Msemu, Emanuel Mbazi..... Arusha, Tanzania  
Mulheren, John Whitt..... Mechanicsville, VA



# THE VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE

## MASTER OF PUBLIC HEALTH

### PUBLIC HEALTH

December 18, 2014

Amkaya, Syvil Atieno ..... Blacksburg, VA  
Cossaboom, Caitlin Marie ..... Salisbury, MD  
Doody, Carissa Gail ..... Union Bridge, MD  
Eldredge, Tia Lea ..... Winchester, VA  
Goldstone, Jamie Erica ..... Wynnewood, PA  
Gunter, Jessie Lee ..... Virginia Beach, VA  
Habitzeuther, Karen L. .... Fairfax, VA  
Karlsson, Cynthia Ann ..... Christiansburg, VA  
Lee, Lucy ..... Los Angeles, CA  
Ray, Pamela Anne ..... Blacksburg, VA  
Sitterley, Carling Marie ..... Forest, VA  
Vang, Husing ..... Woodbridge, VA

August 16, 2014

Bansal, Jash ..... Green Brook, NJ  
Hall, Christina Shaylen ..... Monroe, NC  
Simpkins, Kirsten D. .... Willis, VA

## MASTER OF SCIENCE

### BIOMEDICAL & VETERINARY SCIENCES

December 18, 2014

Ligon, Jennifer Marie ..... Shipman, VA

August 16, 2014

Wesselowski, Sonya Rae ..... Hays, KS

July 7, 2014

Bettencourt, Ann Elizabeth ..... Christiansburg, VA  
Coutin, Julia Viviana ..... New Orleans, LA  
Gibson, Bethany Gale ..... Ashville, OH

## GRADUATE CERTIFICATE

### EDUCATIONAL RESEARCH

December 18, 2014

Li, Songze ..... Hegang, China  
Woods-Wells, Tinesha Marie ..... Chicago, IL

### FOUNDATIONS OF POLITICAL ANALYSIS

December 18, 2014

Littier, Nicholas Joseph ..... Blacksburg, VA  
Mitchell, Courtney Michelle ..... Chesapeake, VA

### FUTURE PROFESSORIATE

December 18, 2014

Alhrabi, Abdulaziz Ibrahim ..... Onizah, Saudi Arabia  
Bapat, Amey V. .... Thane, India  
Bivens, Laura R. .... Princeton, WV  
Black, Kenneth Allan ..... Virginia Beach, VA  
Collins, William Norfleet ..... Chesterfield, VA  
Cooke, Shelley Lynn ..... Chapel Hill, NC  
El-Shazli, Heba Fawzi ..... Fairfax, VA  
Miller, Christa Hixson ..... Christiansburg, VA  
Munly, Kelly A. .... Arlington, VA  
Sands, Kenneth Stafford, II ..... Nassau, Bahamas  
Uslu, Berk ..... Izmir, Turkey

August 16, 2014

Gieder, Katherina Dominique ..... Montreal, Canada  
Johnson, Carol Ann ..... Fridley, MN

July 7, 2014

Fundaro, Gabrielle F. .... Salem, VA  
Geyer, Kevin M. .... Frankenmuth, MI  
Gibson, Bethany Gale ..... Ashville, OH

### GEOSPATIAL INFORMATION TECHNOLOGY

December 18, 2014

Zhang, Yang ..... Yangzhou, China

### GERONTOLOGY

December 18, 2014

Bivens, Laura R. .... Princeton, WV  
Munly, Kelly A. .... Arlington, VA

### GLOBAL PLANNING AND INTERNATIONAL DEVELOPMENT STUDIES

August 16, 2014

Hover, Shantal Sofia Maria ..... Blacksburg, VA

### HUMAN-COMPUTER INTERACTIONS

August 16, 2014

Laha, Bireswar ..... Konnagar, India

### INFORMATION, POLICY AND SOCIETY

December 18, 2014

Feggans, Michael Benjamin ..... Virginia Beach, VA

### INTEGRATIVE STEM EDUCATION

August 16, 2014

Westlund, Barbara Fourcade ..... Williamsburg, VA

### INTERNATIONAL RESEARCH AND DEVELOPMENT

December 18, 2014

El-Shazli, Heba Fawzi ..... Fairfax, VA  
Roy, Siddhartha ..... Blacksburg, VA

### LEARNING SCIENCE

July 7, 2014

Nino, Miguel Alfonso ..... Panama, Panama

### LOCAL GOVERNMENT MANAGEMENT

December 18, 2014

Chan, Bentley ..... Richmond, VA  
Cooper, Jason Andrew ..... Blacksburg, VA  
Ferguson, Jason David ..... Blue Ridge, VA  
Lee, Robert Edward ..... Virginia Beach, VA  
Lien, Jamie Alexandra ..... Manassas, VA  
Maniglia Turner, Angela Maria ..... Altoona, PA  
Moore, Andrew Douglas ..... Troutville, VA  
Moore, Erick A. .... Woodstock, VA  
Palko, Laszlo ..... Ashburn, VA  
Phillips, Amy Dawn ..... Virginia Beach, VA  
Shafer, Lindsey Elizabeth ..... Christiansburg, VA  
Slaydon, Christopher T. .... Lexington, VA  
Suddith, Charles David ..... Luray, VA  
Trivette, Andrew Omer ..... Chilhowie, VA  
Turner, Cheryl L. .... Virginia Beach, VA

### NATURAL RESOURCES

December 18, 2014

Cutchins, Lindsay ..... Suffolk, VA

August 16, 2014

Marshall, Leah Elisabeth ..... Falls Church, VA  
Sizer, Sally Ann Black ..... Blacksburg, VA

**NONPROFIT AND NONGOVERNMENTAL ORGANIZATION MANAGEMENT**

**December 18, 2014**

Flemmig, Emma Leigh ..... Glidden, IA  
Hickey, Christopher Robert ..... Tinton Falls, NJ  
Njie, Sulayman ..... Churchill's Town, Gambia

**NUCLEAR ENGINEERING**

**December 18, 2014**

Ricono, Ryan Thomas ..... Lynchburg, VA

**RESEARCH IN TRANSLATIONAL MEDICINE**

**August 16, 2014**

Alderman, Judson Gregory ..... Abingdon, VA  
Thompson, Nathaniel William ..... Ediva, MN

**SECURITY STUDIES**

**December 18, 2014**

Littier, Nicholas Joseph ..... Blacksburg, VA  
Mitchell, Courtney Michelle ..... Chesapeake, VA

**July 7, 2014**

Khushal, Salina Pankaj ..... Blacksburg, VA

**WATER QUALITY MANGEMENT**

**December 18, 2014**

Hunolt, Alicia Erin ..... Tucson, AZ

**UNDERGRADUATE DEGREES**

**COLLEGE OF AGRICULTURE AND LIFE SCIENCES**

**BACHELOR OF SCIENCE**

**AGRIBUSINESS**

**December 18, 2014**

\*\*Potter, Edith Rose ..... King William, VA

**July 7, 2014**

Thomas, Christine Ingeborg ..... Lutz, FL

**AGRICULTURAL SCIENCES**

**December 18, 2014**

Babb, James Leslie, III ..... Windsor, VA  
Daney, Cassandra Ann Hopkins ..... Darlington, MD  
Richardson, Taylor Catherine ..... Madison, VA  
Robbins, Hannah Elizabeth ..... Dinwiddie, VA  
Sanders, Katherine Grace ..... Dublin, VA  
Scully, Sabine Christine ..... New York, NY  
Smith, Grace Ellen ..... Warsaw, VA  
Turner, Shelby Ann ..... Amherst, VA

**August 16, 2014**

\*\*\*Sollenberger, Drew Allen ..... Elizabethtown, PA

**ANIMAL AND POULTRY SCIENCES**

**December 18, 2014**

Buchanan, Christopher T ..... Blacksburg, VA  
Cook, Chelsea Ruth ..... Covington, VA  
Dick, Stephanie Jean ..... Farmville, VA  
\*\*Geisler, Hannah Wallis Stratton ..... Westport, CT  
Graham, Hannah Kathryn ..... Front Royal, VA  
Harrington, Victoria Beth ..... Fredericksburg, VA  
\*\*Kiser, Kea Marie ..... Harrisonburg, VA  
\*\*Lyon, Bethany Grace ..... Williamsburg, VA  
Martinez Huaman, Eddy Ronald ..... Fairfax, VA  
Oldham, Jessie Joelle ..... Miami, FL  
\*\*Shipp, Steven Lee ..... North Chesterfield, VA  
Swackhammer, Racheal Elizabeth ..... Eldersburg, MD  
Walker, Ashley Nichole ..... Chesterfield, VA  
\*\*\*Wallner, Olivia Diane ..... Wise, VA  
Williams, Emily Rae ..... Rappahannock County, VA

**August 16, 2014**

Blake, Elexus A ..... Appomattox, VA  
Burton, Makayla Kelsey ..... Richmond, VA

**July 7, 2014**

\*\*φMcCarter, Samantha Joy ..... Edgewater, MD

**APPLIED ECONOMIC MANAGEMENT**

**December 18, 2014**

Collins, Rosa Ilene ..... Norfolk, VA  
Ferri, Erik Thomas ..... Alexandria, VA  
\*\*Gangl, Katlyn Rose ..... Bel Air, MD  
Gumpf, Hannah Elizabeth ..... Springfield, VA  
Loss, Joseph Kleiman ..... Fairfax Station, VA  
Memoli, Amanda Lynn ..... Ringoes, NJ  
\*Stump, Katherine Alice ..... Havre de Grace, MD  
Taber, Adam Scott ..... Alexandria, VA  
Thurston, Wesley Richard ..... Stafford, VA  
Witcher, Nathan Daniel ..... Lynchburg, VA

**August 16, 2014**

Desai, Aashka Devraj ..... Chester, VA

**BIOCHEMISTRY**

**December 18, 2014**

\*\*Irwin, Jeffrey Allen ..... Smithfield, VA  
Long, Jordan Elizabeth ..... Roanoke, VA  
\*\*Prose, Alexa Jordan ..... Chesapeake, VA  
Schuck, Percy Logan ..... Moneta, VA  
\*\*\*Watson, Spencer Robins ..... Cape Carteret, NC  
\*\*\*Wiley, Jordan Michael ..... Redmond, VA  
Wilkes, Jason Christopher ..... King George, VA  
\*\*φWithers, Lauren Allyssa ..... Leesburg, VA

**CROP AND SOIL ENVIRONMENTAL SCIENCES**

**December 18, 2014**

Cox, Charles Raymond ..... Prince Frederick, MD  
Delagrange, Paul Christopher, Jr ..... Spotsylvania, VA  
\*Erdmann, Nichole Lynn ..... Roanoke, VA

**DAIRY SCIENCE**

**December 18, 2014**

Kleman, Keely Macadara ..... Bel Air, MD  
Stiles, Devin Ellen ..... Berryville, VA

**August 16, 2014**

Lyons, Zachary Andrew ..... Spotsylvania, VA

**July 7, 2014**

\*\*φMcCarter, Samantha Joy ..... Edgewater, MD

## ENVIRONMENTAL SCIENCE

December 18, 2014

\*Baer, Emily Kalani..... Woodbridge, VA  
Miller, Robert Stanley, IV..... Flanders, NJ  
Nahas, Natasha Lynn..... Clifton, VA  
Nester, Brian Keith..... Radford, VA  
\*\*\*Ngo, Jenny..... Annandale, VA  
\*\*\*Salkind, Emily Kate..... Springfield, VA  
\*Stump, Katherine Alice..... Havre de Grace, MD  
Swartzendruber, Sophie Schumann..... Reston, VA  
Wyatt, Joseph Brandon..... Gretna, VA

## FOOD SCIENCE AND TECHNOLOGY

December 18, 2014

Auria, Sharon Ruth..... Pittsburgh, PA  
Carter, Katelyn Elizabeth..... Weber City, VA  
Gbandi, Gnandi..... Blacksburg, VA

August 16, 2014

Henson, Ryan Walker..... Williamsburg, VA

## HUMAN NUTRITION, FOODS AND EXERCISE

December 18, 2014

\*\*Beckwith, Megan Elizabeth..... Leesburg, VA  
Bennett, Olivia Ruth..... Red House, VA  
Boone, Taylor Ashwell..... Chapel Hill, NC  
\*\*\*Brooks, Jeffrey Aaron..... Radford, VA  
\*Carlson, Phebe Maree..... Yorktown, VA  
Docef, Elena..... Richmond, VA  
\*Garst, Sydney Elizabeth..... Roanoke, VA  
Kim, Paul Eugene..... Midlothian, VA  
Lockler, Benjamin Scott..... Virginia Beach, VA  
Lynn, Samantha Jacque..... Virginia Beach, VA  
\*McClung, Kaitlyn Theresa..... Sterling, VA  
\*\*\*McFaden, Colette Leigh..... Lynchburg, VA  
Miller, Onawa Michele..... Roanoke, VA  
\*Mollner, Killian Elizabeth..... King George, VA  
\*O'Donnell, Caitlin Maureen..... Harrisonburg, VA  
Rand, Caroline Norris..... Charlotte, NC  
\*\*\*Rupp, Kelly Elise..... Mechanicsburg, PA  
\*\*Schwartz, Samuel Barrett..... Midlothian, VA  
\*\*Shelton, Erin Elizabeth..... Bassett, VA  
Treadway, Maximilian William..... Virginia Beach, VA  
Walraven, Rebecca Lee..... Vienna, VA

August 16, 2014

Boone, Kelsey Elizabeth..... Christiansburg, VA  
Henke, Sarah Grace..... Yorktown, VA  
Henry, Katherine Nicole..... Stafford, VA  
Mason, Andrew Timothy..... Dublin, VA  
Shelton, Mariam..... Haymarket, VA

July 7, 2014

Heo, Steve Sunghwan..... Stone Ridge, VA  
Louderback, Chase Frank..... Luray, VA  
Newcomb, Elizabeth Kaiyoko..... Manakin Sabot, VA  
\*\*Perry, Brook Elizabeth..... Virginia Beach, VA

## BACHELOR OF SCIENCE IN HORTICULTURE

### ENVIRONMENTAL HORTICULTURE

December 18, 2014

\*Fulcher, Michael Robert..... Annandale, VA  
Goulding, Chelsea Michelle..... Abingdon, VA  
\*Hickey, Cassandra Rachael..... Haymarket, VA  
Vang, Rachel Larson..... Pembroke, MA

### LANDSCAPE CONTRACTING

December 18, 2014

Harris, Ethan Aaron..... Atkins, VA

July 7, 2014

Rakes, Anna Kathleen..... Fieldale, VA

## ASSOCIATE OF AGRICULTURE

### AGRICULTURAL TECHNOLOGY APPLIED AGRICULTURAL MANAGEMENT

December 18, 2014

Kendrick, Trevor Zane..... Spencer, VA  
Messer, Sawyer Michael..... Staunton, VA  
Ruffin, Archer Harrison, III..... Charles City, VA

August 16, 2014

Adams, Herbert Ronald, III..... Lavonia, GA  
Harris, Matthew Bradley..... New Windsor, MD  
Hetrick, Ian Joel..... Berrville, PA  
Lloyd, Carlton Lee..... Bumpass, VA  
Miller, Logan Marie..... Glen Allen, VA  
Moore, Jonathan Taylor..... Hampton, VA  
Murphy, John Raymond, IV..... Herndon, VA  
\*\*Toomy, Joshua MacMillan..... Charlottesville, VA  
Young, Richard Paul..... Goochland, VA

### AGRICULTURAL TECHNOLOGY LANDSCAPE AND TURF MANAGEMENT

December 18, 2014

Howard, Tevin Eugene..... Middleburg, VA

August 16, 2014

Layne, Robert Sutton..... Beaverdam, VA  
Lynn, Derek Michael..... Nokesville, VA  
\*\*Wimer, Riley Branson..... Midlothian, VA  
Wolfe, Kendall Heath..... Waynesboro, VA

## COLLEGE OF ARCHITECTURE AND URBAN STUDIES

### BACHELOR OF ARCHITECTURE

December 18, 2014

Duong, Huy B..... Newport News, VA  
Ellison, Derek Akiyoshi..... Fairfax, VA  
Gillem, Samuel McClean..... Coatesville, PA  
\*McFadden, Kelly Megan..... Baltimore, MD  
\*\*♦McGuinness, Ryan Timothy..... Phillipsburg, NJ  
Sinkler, Randolph K., II..... Blacksburg, VA  
Yeh, Samantha Shan..... Hillsborough, NJ

August 16, 2014

\*Tian, Miao..... Wuhan, China

### BACHELOR OF ARTS

#### ART

December 18, 2014

\*\*Burrell, Mallory Porter..... Ruther Glen, VA  
Korschun, Miranda Blair..... Parker, CO

#### PUBLIC AND URBAN AFFAIRS

December 18, 2014

\*\*\*φLewis, Amy Claire..... Johns Creek, GA

August 16, 2014

Carey, Alexis Danielle..... Charlottesville, VA

### BACHELOR OF FINE ARTS

#### ART

December 18, 2014

\*\*Burrell, Mallory Porter..... Ruther Glen, VA  
Estrada, Claudia Carolina..... Burke, VA  
Eye, Christopher Adam..... Staunton, VA  
\*\*\*Hagy, Jett Danale..... Rural Retreat, VA  
\*Hardebeck, George Michael Aaron..... Blacksburg, VA

Helmer, Megan Love .....Chilhowie, VA  
 Korschun, Miranda Blair..... Parker, CO  
 \*Redfearn, Robert Huntley..... Richmond, VA  
 \*\*§Shepard, Kathryn Ann..... Stafford, VA

**August 16, 2014**

Arey, Olivia Anne..... Vienna, VA

**July 7, 2014**

Dera, Jeffrey Michael..... Herndon, VA

## BACHELOR OF LANDSCAPE ARCHITECTURE

**August 16, 2014**

Konchuba, Lindsey Morgan..... Virginia Beach, VA

## BACHELOR OF SCIENCE

### BUILDING CONSTRUCTION

**December 18, 2014**

Brinkley, Matthew Blake ..... Troutville, VA  
 Bunn, Kevin Michael..... Pulaski, VA  
 Florig, Steven Harry..... Pittsburgh, PA  
 Gerloff, Erik Bergen..... Virginia Beach, VA  
 Golia, Dominick Michael, Jr. .... Guilford, CT  
 Monsalve, Kevin ..... Morristown, NJ  
 Stadel, Robert Maxwell..... Downingtown, PA  
 Stadtherr, Michael Ryan ..... Rustburg, VA  
 Wingfield, Sarah Frances..... Appomattox, VA

**August 16, 2014**

Reynard, Brook Lively..... Palmyra, VA

### ENVIRONMENTAL POLICY AND PLANNING

**December 18, 2014**

†Davis-Meade, Zachary Harrison ..... Nickelsville, VA  
 Dill, James Brooks..... Winchester, VA  
 Ellis, Kara Tamiko..... Ashburn, VA  
 Fread, Elizabeth Lorraine..... Accomac, VA  
 Karthikeyan, Arjun..... Glen Allen, VA  
 \*AKim, Rachael Yeegie..... Springfield, VA

**August 16, 2014**

Langford, Stephen Lawrence..... Smithfield, VA

## BACHELOR OF SCIENCE IN INDUSTRIAL DESIGN

**December 18, 2014**

\*Barrette, Alex Nunes..... Winchester, VA  
 \*\*Gethard, Steven Robert..... Freehold, NJ  
 Walkup, Lauren Marie..... Trumbull, CT

## BACHELOR OF SCIENCE IN REAL ESTATE

### REAL ESTATE

**December 18, 2014**

Selian, Edward Thomas ..... Concord, MA

# PAMPLIN COLLEGE OF BUSINESS

## BACHELOR OF SCIENCE IN BUSINESS

### ACCOUNTING AND INFORMATION SYSTEMS

**December 18, 2014**

\*Beamer, Sarah Elizabeth..... Wytheville, VA  
 Carrasco, Michael Antonio..... Roanoke, VA  
 Cavanagh, Alexi Snyder..... Alexandria, VA  
 Cerniglia, Brendan Caldwell..... Annapolis, MD  
 \*Cha, Enoch ..... Burke, VA  
 \*\*\*φDuffy, Timothy Collins..... Andover, MA  
 \*\*φEshelman, Evan McKay..... Fulton, MD  
 \*Freedman, Alexander Howard..... Vienna, VA  
 Germano, James Edward..... Carrollton, VA  
 Huffman, Kyle Brett..... Burlington, NC  
 Jennings, Ryan Albert ..... Westfield, NJ  
 \*Levan, John William, Jr..... Leesburg, VA  
 \*Liu, Kai-Hsu ..... Roanoke, VA  
 Majdas, Justyna Jadwiga ..... Herndon, VA  
 Mangum, Jordan Alexander..... Richmond, VA  
 \*†Oh, Kyung Joo..... New Orleans, LA  
 Park, Jaesung..... Ulsan, South Korea  
 Pilot, Michael John, II ..... Richmond, VA  
 \*Ratchford, David Michael ..... Richmond, VA  
 Roche, Lindsay Anne..... Sykesville, MD  
 Sanchez, Adrienne Leigh ..... Centreville, VA  
 Scott, Jennifer Leigh ..... Draper, VA  
 Sharma, Ankush..... Vienna, VA  
 Shin, Yoorim..... Centreville, VA  
 Sledz, Brian Joseph..... Manassas, VA  
 \*Stansfield, Ernest Morton, Jr. .... Virginia Beach, VA  
 Via, Matthew Randolph..... Roanoke, VA  
 †Vo, Chau Thi My..... Fairfax, VA  
 Wade, Charles Nathan, Jr. .... Chesapeake, VA  
 Webster, Andrew Christopher ..... Brielle, NJ  
 Wei, Jill Megan..... Poquoson, VA  
 \*Wohlford, Matthew Sinclair ..... Atlanta, GA

**August 16, 2014**

Abada, Jonathan Winslow..... Richmond, VA  
 Dresser, Dustin Michael..... Point Pleasant, NJ  
 †Ellena, William Martin..... Richmond, VA  
 Flippin, Katelyn Adair ..... Amelia, VA  
 \*\*†Hoover, Jenna D'Anne ..... Montpelier, VA  
 †Jenkins, Benjamin Barry..... Alpharetta, GA  
 Khan, Harris Anwar Saeed..... Blacksburg, VA  
 †Knowles, Haley Louise..... Manassas, VA  
 \*†Paul, Samantha Elizabeth ..... Midlothian, VA  
 †Seifert, Meghan Colleen..... Middletown, DE  
 \*\*†Stucki, Phillip Curt-Frederick..... Stafford, VA

**July 7, 2014**

\*\*Byrum, Joshua Garrett ..... Salem, VA  
 \*\*Caffrey, Erin Collins ..... Ridgewood, NJ  
 \*\*Cunigan, Ronald Alexander..... Chantilly, VA  
 DeBiase, Michael Paul..... Chester, VA  
 Graves, Sara-Margaret..... Reva, VA  
 Harrs, Sarah Jeanette..... Vienna, VA  
 Heming, Lauren A..... Alexandria, VA  
 Lasik, Chelsea Elizabeth..... Potomac Falls, VA  
 Lee, Hansung..... Alexandria, VA  
 Poage, Ryan Bridges ..... Shelby, NC  
 \*Slack, Kyle Frederick..... Ashburn, VA

### BUSINESS INFORMATION TECHNOLOGY

**December 18, 2014**

Adams, George Samuel ..... Leesburg, VA  
 Bui, Nhat-Quang Le ..... Leesburg, VA  
 \*\*\*Callas, Philip Alexander ..... Centreville, VA  
 \*\*\*Chen, Qihao..... Blacksburg, VA  
 Cripps, Benjamin P..... Blacksburg, VA  
 \*Crouse, James Thomas, IV ..... Sammamish, WA  
 \*Hannon, Sydney Elizabeth..... Doswell, VA

Henderson, Johnathan David .....Radford, VA  
 Johnson, Matthew Richard ..... Winchester, VA  
 \*\*\*Leshchenko, Viktoriya Yurievna.....Novorossiisk, Russia  
 Li, Zeyu ..... Kunming, China  
 Mayberry, Davis R.....Annandale, VA  
 McCormick, Jamie Elizabeth..... Stephens City, VA  
 \*\*McDaniel, Catherine Emily Susan ..... Midlothian, VA  
 Nelson, Derek Scott ..... Moseley, VA  
 Ollerhead, James Douglas..... Reston, VA  
 Poindexter, Harrison Miles.....Virginia Beach, VA  
 \*\*Rangi, Mandeep ..... Centreville, VA  
 \*Reilly, Abigail Leigh ..... Leesburg, VA  
 Seals, Zane Wingfield..... Richmond, VA  
 Shing, LeeHur Lo..... Blacksburg, VA  
 Smith, Andrew Thomas ..... Wytheville, VA  
 \*\*Thompson, Kathleen Joanne ..... Centreville, VA  
 Vora, Jay Mukesh ..... Salem, VA  
 Watkins, Jessica Neal .....Newport News, VA  
 \*\*\*Wilson, Olivia Nicole..... Huntingtown, MD  
 Wojnar, Matthew John, Jr..... Rockville, MD

**August 16, 2014**

Burkman, Erik Anders ..... Honeoye Falls, NY  
 Lambert, Clayton Singleton ..... Leesburg, VA

**July 7, 2014**

Adkins, Alexa Reigh ..... Ashburn, VA  
 \*†Bowers, Robert Herman ..... Chantilly, VA  
 England, Caroline Nicole..... Springfield, VA  
 Greer, Ryan Charles ..... Stafford, VA  
 Henderson, Trevor Dow ..... Tazewell, VA  
 Hoelzle, Nathan Michael..... Oak Hill, VA  
 Horn, Brandon Alan..... Luray, VA  
 Imdad, Zuhayr Saleem..... Herndon, VA  
 Ji, Sunghwan..... Leesburg, VA  
 †Kimminau, David Laurence ..... Williamsburg, VA  
 Koloski, Max Peter..... Chesapeake, VA  
 Lee, Frank Kefan ..... Westfield, NJ  
 \*Lee, Sol-Ree ..... Midlothian, VA  
 Liao, He ..... McLean, VA  
 McAuliffe, Zachary Adam..... Glen Allen, VA  
 Mount, Bradley G ..... Stockton, NJ  
 Nancarrow, Peter Leonard ..... Flushing, MI  
 O'Connor, Kevin Mark ..... Gaithersburg, MD  
 Park, Daniel ..... Seoul, South Korea  
 Parrish, Nicole Charrette ..... Prince George, VA  
 Poarch, Jeffrey Wade ..... Chester, VA  
 Rexroat, Chase Tyler..... Front Royal, VA  
 Sharma, Nakul Purshotam ..... Glen Allen, VA  
 Shaw, Brittney Louise..... Clarksville, MD  
 \*\*Shin, Hee Chul ..... Woodbridge, VA  
 \*Slack, Kyle Frederick..... Ashburn, VA  
 \*Stromberg, Elizabeth Travers ..... Fairfax Station, VA  
 \*Sutton, Miles Travis ..... McLean, VA  
 Vitale, Joseph Michael ..... Arlington, VA  
 Vitarelli, Michael William..... Poquoson, VA

**ECONOMICS**

**December 18, 2014**

Adams, Timothy M..... Oak Ridge, NJ  
 Arnold, Shane Joseph ..... Ellicott City, MD  
 Berhane, Belete Theodros ..... Burke, VA  
 Doyle, Brian Joseph..... White Plains, NY  
 Drew, Aaron Stuart..... Scituate, MA  
 Fazzo, Nicholas John..... Haymarket, VA  
 Hix, Ashlyn Nicole ..... Chesterfield, VA  
 McGuire, Nathan Thomas..... Crofton, MD  
 Ranahan, Andrew Jennings .....Oakland, CA  
 Robinson, Marcus Damon .....Oklahoma City, OK  
 Singh, Arjun Satyavir ..... Herndon, VA  
 \*\*\*Tomlinson, Callie Jean ..... Moseley, VA  
 Trecek, Patrick Charles ..... Rocky Mount, VA  
 Woodward, Joseph S..... Warrenton, VA  
 Yuan, Chuhan ..... Blacksburg, VA

**August 16, 2014**

Meirose, Sean Allen ..... Woodstock, VA

**July 7, 2014**

\*Batchelor, Davis Westin ..... Stafford, VA  
 Danfield, Justin Edward ..... Cherry Hill, NJ  
 Rivera, Angela Julissa ..... Springfield, VA

**FINANCE**

**December 18, 2014**

Bartilucci, Philip Pierce ..... Beaumont, TX  
 Clokey, Thomas Scott..... Fairfax, VA  
 Cornett, Matthew Emmanuel Anderssen ..... Chapel Hill, NC  
 \*\*\*φDaku, Elsa ..... Blacksburg, VA  
 \*\*\*φDuffy, Timothy Collins..... Andover, MA  
 Francis, David Alexander ..... Delray Beach, FL  
 \*Freedman, Alexander Howard..... Vienna, VA  
 \*\*Gresh, Donald Allen, III..... Blacksburg, VA  
 Hargis, Tyler Lee ..... Chesapeake, VA  
 \*\*Haynes, Kevin Scott ..... Chantilly, VA  
 \*Helmandollar, Joshua Lee..... Leesburg, VA  
 Ingraio, Katie Michelle ..... Arlington, VA  
 Irving, Madison ..... Chesapeake, VA  
 Jennings, Ryan Albert ..... Westfield, NJ  
 Keen, Michael Patrick..... Midlothian, VA  
 \*\*\*φLiroff, Benjamin Michael..... Arlington, VA  
 Lofgren, Brian Alexander ..... Alexandria, VA  
 Lohr, Kevin Matthew ..... Purcellville, VA  
 \*\*Lukish, MaryKatelyn ..... Richmond, VA  
 Mangum, Jordan Alexander..... Richmond, VA  
 Mehari, Epheson Abate ..... Falls Church, VA  
 Messner, Patrick Edward ..... Galax, VA  
 \*Neder, Cody Steven..... Ashburn, VA  
 O'Donnell, Colleen Marie..... Waltham, MA  
 \*†Oh, Kyung Joo..... Centreville, VA  
 \*Pathak, Neil Ketan ..... Chester, VA  
 Porter, Michael Patrick..... Vienna, VA  
 Reigel, David Michael..... Ashburn, VA  
 Ropp, Allen James..... Chesapeake, VA  
 Samson, Kevin Clark, Jr. .... Vienna, VA  
 Sanchez, Adrienne Leigh ..... Centreville, VA  
 Schaller, Matthew Edward ..... Point Pleasant Beach, NJ  
 Seong, Wantae ..... Centreville, VA  
 Sharma, Ankush..... Ashburn, VA  
 Sutphin, Stuart Andrew..... Chatham, VA  
 Tacka, Matthew Joseph ..... Catonsville, MD  
 \*\*\*Tomlinson, Callie Jean ..... Moseley, VA  
 Trippler, Brennen Aaron ..... Sterling, VA  
 Vickhouse, Kelsea Dianne..... Midlothian, VA  
 \*\*Walsh, Corey Arvel ..... Ashland, VA  
 Weidemann, Brandon Walter ..... West Chester, PA  
 \*White, Paul Randolph, III ..... Richmond, VA

**August 16, 2014**

Bakov, Nicklas Sebastian ..... Richmond, VA  
 Barkanic, Frank Thomas ..... Gaithersburg, MD  
 Branch, Jonathan ..... Herndon, VA  
 Brann, John Gregory..... Richmond, VA  
 DiRenzo, Vincent Neil, III..... Purcellville, VA  
 Doggala, Sneha Reddy..... Herndon, VA  
 Fikse, Scott Alexander ..... Mechanicsburg, PA  
 Hanna, John J. .... Roanoke, VA  
 Hays, David Henry ..... Hopewell, VA  
 Ibrahim, Tahseen..... Fairfax, VA  
 Johnston, Gary Dalton..... Blue Bell, PA  
 \*Masterson, Thomas Callahan ..... Manassas, VA  
 Parkhurst, Madeline Myer ..... McLean, VA  
 Price, Matthew Leonard..... Middletown, NJ  
 Shi, Jiejia ..... Blacksburg, VA

**July 7, 2014**

Benson, Tyler William ..... Richmond, VA  
 \*\*Christian, David Edward ..... Fairfax, VA  
 Difenderfer, William Quinn .....Pittsburgh, PA  
 Hars, Sarah Jeanette..... Vienna, VA  
 Kim, Tony ..... Centreville, VA

Magnotti, Matthew Alan..... Ashburn, VA  
 Malanga, Gregory George..... Basking Ridge, NJ  
 \*\*\*Mobley, Steven Charles..... Newport News, VA  
 Pastorino, Richard..... Alexandria, VA  
 Sheranek, Thomas Ian..... Richmond, VA

**HOSPITALITY AND TOURISM MANAGEMENT**

**December 18, 2014**

Bendler, Tyler David..... Staunton, VA  
 Butler, Alexis Grace..... Glen Allen, VA  
 \*\*\*Chitwood, Madison Ellen..... Pulaski, VA  
 Crawford, Megan Elizabeth..... Hillsville, VA  
 Everitt, Jeremy..... McGaheysville, VA  
 Flock, Melissa A..... Mount Lebanon, PA  
 †Hartley, John Edward..... Alexandria, VA  
 Horn, Susannah Marjorie..... Fallston, MD  
 King, Sarah Kate..... North Garden, VA  
 Murray, Christine Linda..... Durham, NC  
 \*Pearson, Rebecca Ruth..... Warrenton, VA  
 Porter, Kevin Roy..... Newton, NJ  
 Schmidt, Tyler Douglas..... Concord, VA  
 Toner, Chloe Elizabeth..... Great Mills, MD

**August 16, 2014**

Bauer, Matthew Fedir..... Putnam Valley, NY  
 Beal, David Allen..... Springfield, VA  
 Coale, Rachel Victoria..... Abingdon, VA  
 \*\*Gray, Caroline Stewart..... Chantilly, VA  
 Kwon, Hyun Kang..... Fairfax, VA  
 Mullendore, Douglas Edward, Jr..... Blacksburg, VA

**July 7, 2014**

Chaney, Meghan Dawn..... Fairfax, VA  
 Forte, Nadia Claire..... Bedford, VA  
 Gambriell, Laura Jane..... Denton, MD

**MANAGEMENT**

**December 18, 2014**

Attard, Jennifer Ann..... Smithtown, NY  
 Balzer, Alexander Chase..... Powhatan, VA  
 Boone, Brittany Anne..... Ashburn, VA  
 Figueroa Andrade, Ilse Gabriela..... Fairfax, VA  
 Giglia, Charles Davis..... Fairfax, VA  
 Goodnight, Curtis Lawton..... Ashburn, VA  
 Hand, Emma Shanklin..... Lancaster, VA  
 Jarrell, Brandon Alexander..... Strasburg, VA  
 Jones, Leighton Turner..... Abingdon, VA  
 Kircher, Andrew Lawrence..... Richmond, VA  
 Long, William Martin, III..... Fairfax Station, VA  
 Masseth, Christopher Douglas..... Huddleston, VA  
 McIntee, Daniel Jordan..... North Potomac, MD  
 Rubalow, Aaron Michael..... Oakton, VA  
 San Nicolas, Shelby Marie..... Chesapeake, VA  
 Stokes, Reidus Andrew, II..... Yorktown, VA  
 Termeh-Zonoozi, Camron Mohamed..... Potomac, MD

**August 16, 2014**

Parker-Trinh, Serra Mayan..... New Hope, PA  
 Pinto, Anthony..... Falls Church, VA

**July 7, 2014**

Anderson, Lauren V..... Centreville, VA  
 Andoni, Rand issam..... Chantilly, VA  
 Beach, Travis William..... Baltimore, MD  
 Buck, Kyle Walker..... Richmond, VA  
 Jones, Franklin Boone..... Staunton, VA  
 Kim, Yeonwoo..... Busan, South Korea  
 \*\*Morrow, Kimberly Rose..... Rochester, NY  
 Passaro, Shannon Leigh..... Williamsburg, VA  
 Patel, Parth Minesh..... Richmond, VA  
 Wooten, Jamar Antonio..... Newport News, VA

**MARKETING MANAGEMENT**

**December 18, 2014**

†Bednarcik, Alexandra Marie..... Stafford, VA  
 Butler, Stephen Andrew, Jr..... Richmond, VA  
 Colón, Maria Diaz..... Portsmouth, VA  
 Coughtry, Katharine Ann..... Waxhaw, NC  
 DeLuca, Ashley Anne..... Virginia Beach, VA  
 Durham, Connor James..... Mechanicsville, VA  
 \*\*Gogolin, Amanda Danielle..... Stafford, VA  
 \*\*Gresh, Donald Allen, III..... Blacksburg, VA  
 Hargis, Tyler Lee..... Chesapeake, VA  
 Kang, Daniel Hyun-Jung..... Blacksburg, VA  
 \*\*MacDowell, Katie Jean..... Vienna, VA  
 Martin, Mitchell Ward..... Stafford, VA  
 Montross, Lauren Nicole..... Bolivia, NC  
 Neal, Alexa Katherine..... Roanoke, VA  
 \*\*\*Salazar, Kristina Nicole..... Middletown, VA  
 Steidler, Kevin Matthew..... Reston, VA  
 Williams, Chase Christopher..... Nashville, TN  
 Wright, Charles Alex..... Rocky Gap, VA

**August 16, 2014**

Calcagno, Peter Thomas..... Belmar, NJ  
 Hodul, Brittany Ann..... Warrenton, VA  
 Long, William Johnson, III..... Harrisonburg, VA  
 \*\*\*Wilkerson, Kelsey Elizabeth..... Chilhowie, VA

**July 7, 2014**

\*Bowers, Kassidy Ilyse..... Fulks Run, VA  
 Burroughs, Jaymes Frederick..... Blacksburg, VA  
 Byrnes, Alex Stephen..... Basking Ridge, NJ  
 Jaworek, Jillian Victoria..... Cincinnati, OH  
 \*Shah, Malvika Shvetank..... Fairfax, VA

**COLLEGE OF ENGINEERING**

**BACHELOR OF SCIENCE**

**COMPUTER SCIENCE**

**December 18, 2014**

†Balles, Christopher Matthew..... Severn, MD  
 Bradshaw, William Arthur..... Wilmington, DE  
 \*†Carden, Derik Matthew..... Stafford, VA  
 \*φChadha, Sanchit..... Ashburn, VA  
 Chen, Steven Liyu..... Herndon, VA  
 Craun, Nathaniel Balam..... Waynesboro, VA  
 Crowder, Nicholas Devore..... Gainesville, VA  
 Deegan, Brian James..... Woodbine, MD  
 Dokh, Barsam..... Houston, TX  
 \*\*†Eck, Timothy, II..... Blairstown, NJ  
 Elwadh, Rohan Shah..... Reston, VA  
 \*Folgar, Carlos Eduardo..... Blacksburg, VA  
 Garvis, Dylan Mathew..... Berryville, VA  
 Goswick, William Bernard..... Reston, VA  
 Graham, Laura Elizabeth..... Poolesville, MD  
 \*\*Guyant, Gordon Wayne..... Blacksburg, VA  
 Heivilin, Alexander Brian..... Chicago, IL  
 Hsu, Szu-Kai..... Blacksburg, VA  
 †Lee, Hayden James..... Blacksburg, VA  
 Lewis, Eric Riley..... Herndon, VA  
 \*Lopez-Gomez, Austin Francisco..... Fairfax, VA  
 Lund, William Howard..... Elk Creek, VA  
 Mayes, Logan Thomas..... Woodbridge, VA  
 \*\*\*Mecklenburg, William George..... McLean, VA  
 \*\*\*Mitchell, Wilson Summerfield..... Stafford, VA  
 Moran, Garrett Edward..... Catlett, VA  
 \*\*\*†Morgado, Daniel Francisco..... Chantilly, VA  
 Motevalli, Shayan..... Chantilly, VA  
 \*\*Murillas, David Fernando..... Fairfax, VA  
 \*Nadolinski, Elena..... Fairfax, VA  
 Nguyen, David Hoang..... Blacksburg, VA  
 Noia, Tucker Dail..... Suffolk, VA  
 \*\*\*Norton, Alexander Joseph..... Falls Church, VA  
 Pontani, Joseph Matthew..... Manassas, VA

Preiss, Tanner Mark ..... Schnecksville, PA  
 Riddle, Jason A ..... Alexandria, VA  
 Robertson, Gregory S ..... Blacksburg, VA  
 Rose, Ashley Nichole ..... Chantilly, VA  
 Saleem, Omar Farooqui ..... Herndon, VA  
 \*\*\*Sines, Scott Edward ..... Columbia, MD  
 †Staepel, Robert Matthew ..... Chesapeake, VA  
 Sun, Jonathan Jiunn-Yang ..... Burke, VA  
 Tedesco, Mark Terrence ..... Montclair, VA  
 Tran, Jonathan ..... Blacksburg, VA  
 \*\*†Tran, Karen Mai ..... Alexandria, VA  
 Walker, Alexandra Ragan ..... Bridgewater, VA  
 Wideman, Tyler James ..... Richmond, VA  
 Yi, Jaeil ..... Springfield, VA

**August 16, 2014**

Horn, Joshua Everett ..... Roanoke, VA  
 Parsons, Amber Renae ..... Forest, VA  
 \*Rhoads, Brendan Thomas ..... Williamsburg, VA

**July 7, 2014**

Lacy, Rex Damian, Jr. .... Chesapeake, VA  
 O'Hara, James Daniel ..... Alexandria, VA  
 †Sharma, Pulastya ..... Blacksburg, VA

**BACHELOR OF SCIENCE IN  
 AEROSPACE ENGINEERING**

**December 18, 2014**

Addleman, Elias John Patrick ..... Johnson City, TN  
 Edwards, Gene Andrew, III ..... Branchville, VA  
 Kamal, Rubaiyat ..... Dhaka, Bangladesh  
 Lekavich, Philip Michael ..... Chesterfield, VA  
 Matiana, Raman Deep ..... Manassas Park, VA  
 O' Brien, David Michael ..... Chesapeake, VA  
 \*\*\*Tupta, Stephen John ..... McMurray, PA

**BACHELOR OF SCIENCE IN  
 BIOLOGICAL SYSTEMS ENGINEERING**

**December 18, 2014**

Larus, Gabriela Melville ..... Richmond, VA  
 Nelson, Victoria Anne ..... Springfield, VA

**August 16, 2014**

Yao, Jiaming ..... Manassas, VA

**July 7, 2014**

Lewis, Jennifer Margaret ..... Falls Church, VA

**BACHELOR OF SCIENCE IN  
 CHEMICAL ENGINEERING**

**December 18, 2014**

O'Connor, Stephen James ..... Charlottesville, VA  
 Zamor, David Oliver ..... Stony Point, NY

**July 7, 2014**

Crum, Jessica Gail ..... Sterling, VA

**BACHELOR OF SCIENCE IN  
 CIVIL ENGINEERING**

**December 18, 2014**

Alkorshemi, Mohamed Khalid ..... Blacksburg, VA  
 \*\*Arango, Luis Mauricio ..... Burke, VA  
 Arnold, Christopher Andrew ..... Decatur, GA  
 Bahret, Christopher Charles ..... Alexandria, VA  
 Baier-Anderson, Griffin ..... Huntingtown, MD  
 Barnes, Conner Gregory ..... Chesapeake, VA  
 \*\*Blackwell, Kaitlin Jane ..... Columbia, MD  
 Bryant, Jonathan Edward ..... Chantilly, VA  
 Cakir, Ahmet Talha ..... Istanbul, Turkey  
 Chandler, Matthew Jon ..... Fairfax, VA

\*\*†Chiaia, Aleksander Jan ..... Fairfax, VA  
 Chorzempa, Mary Kathryn ..... Stafford, VA  
 Crenshaw, John Vincent ..... Glen Allen, VA  
 \*Devlin, Paul Edward ..... Bedford, VA  
 Dinberu, Bruk Teferra ..... Annandale, VA  
 Folsom, Benjamin Reeder ..... Greenville, VA  
 Hamsher, Victoria L ..... Nazareth, PA  
 Hoy, Zachary John ..... Lebanon, NJ  
 Judd, Amy Nicole ..... Leesburg, VA  
 Karalus, Matthew Scott ..... Manassas, VA  
 \*Kelly, Tyler Ray ..... Richmond, VA  
 †Kinmond, Damon Russell ..... Toronto, Canada  
 \*Kiser, Jason Cameron ..... Pound, VA  
 Lawson, Nathaniel Wade ..... Ruckersville, VA  
 Liebau, Stephanie Katherine ..... Virginia Beach, VA  
 Lombard, Kenneth Steele ..... Alpharetta, GA  
 \*\*Maldonato, Connor Thomas ..... Blacksburg, VA  
 Malik, Zuhra Hafsa ..... Stafford, VA  
 McComsey, Kyle Douglas ..... Charlottesville, VA  
 McHugh, William Edward, III ..... Winchester, VA  
 Mitiku, Michael Newayeselessie ..... Blacksburg, VA  
 Nguyenlu, Quang Huy ..... Centreville, VA  
 Preville, Gregory Marc ..... Centreville, VA  
 Ramsis, Basim Sharief ..... Aldie, VA  
 †Read, Lesley Antoinette ..... Glen Allen, VA  
 Reardon, Derek Bates ..... Herndon, VA  
 Rothrock, David Edward, Jr. .... Richmond, VA  
 \*\*Runion, Matthew Thomas ..... Linden, VA  
 Sanders, Jeremy Andrew ..... Abingdon, VA  
 \*Sapolsky, Brian Andrew ..... Annandale, VA  
 Schaffer, Alexander Ryan ..... Holland, PA  
 Sidney, Christopher Eli ..... Alexandria, VA  
 Skarbek, Nicholas Adam ..... Denville, NJ  
 \*Sun, Yewei ..... Jinan, China  
 \*\*\*Tahir, Haseeb ..... Christiansburg, VA  
 Turner, Ryan William ..... Sewell, NJ  
 Vessal, Jordan Michael ..... Fairfax, VA  
 \*\*Wilson, Rachel May ..... Midlothian, VA  
 Young, John Douglas, II ..... Williamsburg, VA  
 Zurita, Michael ..... Alexandria, VA

**August 16, 2014**

Park, Chan Young ..... Seoul, South Korea

**July 7, 2014**

Mabee, Aaron ..... Westtown, NY  
 \*Mackie, Beau Matthew ..... Colonial Heights, VA  
 Salmon, Jeffrey Stuart ..... Lynchburg, VA  
 \*\*φSoriano, Edwin Michael ..... Chesapeake, VA  
 Sperlazza, Jonathan Russell ..... Mechanicsville, VA

**BACHELOR OF SCIENCE IN  
 COMPUTER ENGINEERING**

**December 18, 2014**

Arenas, Christopher Gerard Felarca ..... Virginia Beach, VA  
 \*\*Barbee, Carl Robert ..... Chesapeake, VA  
 Bollinger, Matthew Joseph ..... Columbia, MD  
 Burton, Michael Dennis ..... Advance, NC  
 Chembukave, Parameswar Haridhas ..... Herndon, VA  
 Chen, Brian ..... Charlottesville, VA  
 \*Dagres, James Mead ..... Virginia Beach, VA  
 Din, Christopher Emsan ..... Fairfax, VA  
 Duangphachanh, Danny Arnold ..... Leesburg, VA  
 \*Eu, Benjamin Gen-Hao ..... Fairfax, VA  
 Evans, Nicholas Robert ..... Frederick, MD  
 \*Flowers, Bryse Austin ..... Blue Ridge, VA  
 Hoang, Kevin Minh ..... Fairfax, VA  
 Janjic, Igor ..... Petrovac, Serbia  
 Kim, Daniel Woongil ..... Annandale, VA  
 Krynitsky, Leah Anne ..... Barboursville, VA  
 Lee, Han Seung ..... Seoul, South Korea  
 Lee, Yosub ..... Blacksburg, VA  
 Loftis, Derek Wade ..... Virginia Beach, VA  
 \*\*Luckam, Matthew Curtis ..... Gloucester, VA  
 Roberts, Tyler Michael ..... Sterling, VA  
 Samudre, Sujit Sunil ..... Chesapeake, VA

\*Cum Laude \*\*Magna Cum Laude \*\*\*Summa Cum Laude †Cooperative Education Program ΔCommonwealth Scholars ‡ "Degree In Honors"  
 §Honors Baccalaureate φHonors Scholar ◆Health Studies Scholar ♦Posthumous

Smith, Brendan David ..... Columbia, MD  
 Sohraby, Sepehr ..... Providence, RI  
 Strumsky, Michael Lawrence ..... Silver Spring, MD  
 Treado, Nicholas Christopher ..... Leesburg, VA

**August 16, 2014**

Dollete, Eugene Sean ..... Prince George, VA  
 †Dunn, Michael Griswold ..... Falls Church, VA

**July 7, 2014**

McNamara, Brian Robert ..... Menlo Park, CA  
 Strohl, Nicholas John ..... Winchendon, MA

**BACHELOR OF SCIENCE IN CONSTRUCTION  
 ENGINEERING AND MANAGEMENT**

**December 18, 2014**

\*\*\*Boldridge, Thomas Andrew ..... Oswego, IL  
 †Dietrich, Brett Charles ..... Bedford, VA  
 Greco, Michael Alexander ..... Westfield, NJ  
 Hennessy, Patrick Michael, Jr. .... Woodbine, MD  
 Kong, Vincent Chang ..... Colonial Heights, VA  
 Lindley, David D ..... Northport, NY  
 Logan, Kyle Alexander ..... Montpelier, VA  
 Metzmaier, Christina Rose ..... Falls Church, VA  
 \*Pollock, Andrew Justin ..... Portsmouth, RI  
 Romano, Michael ..... Lumberton, NJ  
 Rowland, Ryan Tyler ..... Tappahannock, VA  
 Sheppard, Cameron Spencer ..... Glen Allen, VA  
 \*Sigmon, Lucas Cole ..... Newport News, VA  
 Soto, Cecilia Irene ..... Moseley, VA  
 †Stender, Jason Charles ..... Wall, NJ

**July 7, 2014**

Riley, Nathan John ..... Quincy, MA

**BACHELOR OF SCIENCE IN  
 ELECTRICAL ENGINEERING**

**December 18, 2014**

Abbas, Ayman A ..... Herndon, VA  
 Ali, Syed ..... Annandale, VA  
 \*\*Born, Rachael Grace ..... Norfolk, VA  
 †Chatterjee, Rishi Raj ..... Oakton, VA  
 Chowning, Eric Nicolas ..... Woodbridge, VA  
 \*Cunningham, Sean Patrick ..... Clarksville, MD  
 Daniels, John Thomas ..... Reston, VA  
 †Davis, Jeffrey Benjamin ..... Montpelier, VA  
 Erb, Jared Daniel ..... Durham, NC  
 \*\*Erica, Orgil Sean ..... Roanoke, VA  
 Evensen, Patrick Thomas ..... Chantilly, VA  
 \*\*Fowler, Kyle Scott ..... Haymarket, VA  
 Fremerman, Jonathan Schroeder ..... Reston, VA  
 \*Gardner, Corey Evan ..... Raphine, VA  
 Herrity, Patrick Ian ..... Frederick, MD  
 Huaman, Brian Yardley ..... Arlington, VA  
 Huggins, Louis Paul ..... Round Hill, VA  
 \*\*\*Hyun, Ji Hoon ..... Newport News, VA  
 Ingvaldstad, Nicolas James ..... Vienna, VA  
 Johnson, Brandon Christopher ..... Kents Store, VA  
 \*\*†Jung, Steven Anthony ..... Chester, NY  
 \*†Kachmar, Joseph Anthony ..... Green Brook, NJ  
 Kendir, Cagil Baris ..... Eldersburg, MD  
 Kolankiewicz, Leon John, Jr. .... Reston, VA  
 Kwan, Brian Lee ..... Springfield, VA  
 Long, Steven Anthony ..... Herndon, VA  
 Lupton, Robert Gray ..... Blacksburg, VA  
 Mecka, Christopher Wayne ..... Chesapeake, VA  
 †Murphy, Marc Keegan ..... Washington, DC  
 Notarantonio, Amanda Jean ..... Manassas, VA  
 Ntiros, Matthew Samuel ..... Gainesville, VA  
 Padiilla, Bryan Alexander ..... Manassas, VA  
 Quan, Peter Anthony Arredondo, Jr. .... Haymarket, VT  
 Rodriguez, Jesus Alejandro ..... Woodbridge, VA  
 †Siegel, David ..... Blacksburg, VA

Smith, Jeffery David ..... Springfield, VA  
 Stanley, Kevin Huff ..... Daleville, VA  
 Strassmann, Joshua Joseph ..... Stratford, CT  
 Sul, Stephen Sangjin ..... Fairfax, VA  
 Van Trees, Robert Enright ..... Reston, VA  
 Velez, Gabriela Marie ..... Alexandria, VA  
 Witten, Thomas Jefferson, IV ..... Roanoke, VA  
 Yoo, Seunghoo ..... Yongin-Si, South Korea  
 Zhao, Jiashuo ..... Blacksburg, VA

**August 16, 2014**

De Guzman, Oscar Gabrielle Cruz ..... McLean, VA  
 †Nicoles, Evan Shipley ..... Point Pleasant, NJ  
 Purcell, Ryan Patrick ..... Ashburn, VA  
 †Yang, Dennis Tan ..... Aldie, VA

**July 7, 2014**

†Aberman, Jacob Evan ..... Greensboro, NC  
 Kannan, William Stephenson ..... Franklin, VA  
 Khattak, Asim Sadaat ..... Reston, VA  
 Parbadia, Balam Talsi ..... Warrenton, VA  
 \*\*Shi, Zhun ..... Shanghai, China  
 Young, Michelle Meredith ..... Ashburn, VA

**BACHELOR OF SCIENCE IN  
 ENGINEERING SCIENCE AND MECHANICS**

**December 18, 2014**

\*\*Devine, Christina Laura ..... Alexandria, VA  
 Eaksen, Suphassorn ..... Blacksburg, VA  
 Flynn, Padraic Bell ..... Herndon, VA  
 \*\*Hagen-Gates, Virginia Elizabeth ..... Woodbridge, VA  
 Irvin, Christian David ..... Stafford, VA  
 \*\*Kroeller, Donald T ..... Virginia Beach, VA

**August 16, 2014**

Eddins, Aja Helena ..... Belle Isle, FL

**July 7, 2014**

Bitikofer, Karl August ..... Willoughby, OH

**BACHELOR OF SCIENCE IN  
 INDUSTRIAL AND SYSTEMS ENGINEERING**

**December 18, 2014**

Campero, Ismael Franklin ..... Falls Church, VA  
 Choi, Bomi ..... Suwon, South Korea  
 DePhillips, Grant Farrow ..... West Chester, PA  
 Jung, Esther Eunsun ..... Chesapeake, VA  
 Liang, Edwin Xuan ..... Fairfax, VA  
 Quigg, Michael George ..... Ellicott City, MD  
 Rookard, Samuel Miles ..... Lexington, MA  
 Seeley, Catherine Elizabeth ..... Stockton, NJ  
 Tarnvik, Sara Maria ..... Ashburn, VA  
 Towler, Daniel Travis ..... Keeling, VA

**August 16, 2014**

Dauod, Yama Mohammed ..... South Riding, VA  
 †Ekasi-Otu, Edidiog Davis ..... Warrenton, VA  
 Eitahir, Mai Bashir ..... Blacksburg, VA  
 Harrington, Dane Michael ..... Winston-Salem, NC  
 Killian, Westley David ..... Daleville, VA  
 McDonald, Daniel Edward ..... Poquoson, VA  
 †Peloquin, Joshua Andrew ..... Litzitz, PA

**July 7, 2014**

Al-Abdulghafoor, Rashed ..... Chester, MD  
 Chi, Hannah M ..... Vienna, VA  
 Karim, Naimul ..... Augusta, GA  
 Kim, Tae-Kyun ..... Blacksburg, VA  
 †Linden, Daniel Bernard ..... Lady Lake, FL  
 †Martin, Daniel Drew ..... Fairfax, VA  
 Park, Hyun-Woo ..... Fairfax, VA  
 Woldesemayat, Tewodros Legesse ..... Blacksburg, VA



## BACHELOR OF SCIENCE IN MATERIALS SCIENCE AND ENGINEERING

December 18, 2014

†Samuelson, Rebecca Ryan..... Belmont, NC

## BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

December 18, 2014

Blackwell, Stephen James..... Yorktown, VA  
 \*\*\*Bressette, Jonathan Arthur ..... Virginia Beach, VA  
 Burgos, Brian Thomas..... Spring City, PA  
 \*Cespedes, Jason..... Arlington, VA  
 Cherry, Rebekah Price..... Virginia Beach, VA  
 Collie, Zachary Lewis..... Winchester, VA  
 †Cook, Charles Upton ..... Norfolk, VA  
 \*\*Cruz Folgar, Ricardo Francisco ..... San Salvador, El Salvador  
 Dress, Brian David ..... Yorktown, VA  
 Dwight, James Harrison ..... Virginia Beach, VA  
 Flannery, James Matthew..... Nazareth, PA  
 \*\*Guyant, Gordon Wayne..... Blacksburg, VA  
 Hale, John Alexander ..... Annandale, VA  
 Hitchcock, Matthew Easton..... Durham, NC  
 \*Hughes, Matthew Christopher ..... Cordova, MD  
 Jan, Kelvin Tsai..... Freehold, NJ  
 Knapp, David Tristram ..... Oakton, VA  
 Kornstein, Isaac J..... Lexington, MA  
 Lull, Michael Palmer..... New Kent, VA  
 McGillis, Jacob Andrew ..... Franklin, MA  
 Mitchell, William Mason..... Fredericksburg, VA  
 Satterthwaite, Eric Francis..... Downingtown, PA  
 \*Skopowski, Joseph Paul ..... Fairfax, VA  
 Tollefson, Christian Roland..... Glen Allen, VA  
 Turbati, Stefano Sergio ..... Vienna, VA  
 Verhoef, Alex Jeffrey ..... Newport News, VA  
 Weaver, Timothy Eric..... Baltimore, MD  
 Williams, Matthew Brent..... Savage, MD

August 16, 2014

†Brubaker, Clay S..... Harrisonburg, VA  
 \*\*\*†Cotter, Jeffrey Van Tuyl ..... Raleigh, NC  
 Dowd, Cody Stewart ..... Springfield, VA  
 Moore, Kevin Quinn..... Newark, DE  
 Reid, Russell Tyler ..... Berryville, VA  
 Vogel, Florian Johannes ..... Blacksburg, VA  
 Wille, Felicitas..... Blacksburg, VA

July 7, 2014

Brosche, Justus Bernhard..... Blacksburg, VA  
 †De Leon, Eric Giovanni..... Fredericksburg, VA  
 Depta, Philipp Nicolas..... Blacksburg, VA  
 Gadell, Gregory Phillip..... Vienna, VA  
 Grabowski, Daniel Frank..... Kent Island, MD  
 Hart, Garrett Jefferson, III..... Leesburg, VA  
 Johnson, Meaghan Steen ..... Burke, VA  
 Payton, Zachary Arthur ..... Springfield, VA  
 †Spahnie, Joshua Louis..... Carrollton, VA  
 †Sternberg, Daniel Paul Charnov ..... McLean, VA  
 Wu, Elliott Ching-Sun..... Ashburn, VA

## BACHELOR OF SCIENCE IN MINING ENGINEERING

December 18, 2014

Adams, Robert Ross ..... Palmyra, VA  
 Brown, Christopher J..... Acme, PA  
 Dominicus, Vincent John Floyd..... Manassas, VA  
 Ksanznak, Matthew James ..... Dumfries, VA  
 Miller, Christopher Douglas ..... Harrisonburg, VA  
 Wynne, James P, III..... Midlothian, VA

July 7, 2014

Maszkiewicz, Kevin John..... Silver Spring, MD

## BACHELOR OF SCIENCE IN OCEAN ENGINEERING

December 18, 2014

†Hotsko, James, Jr. .... Panama City, Panama  
 Sklanka, Theodore Joseph ..... Acworth, GA

July 7, 2014

Massuda, Aaron David..... Baltimore, MD

## COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

### BACHELOR OF ARTS

COMMUNICATION

December 18, 2014

\*Alvarez, Priscilla Nicole..... Leesburg, VA  
 \*Austin, Cameron Odette ..... Roanoke, VA  
 \*\*\*φBowman, Lauren Nicole..... Roanoke, VA  
 Branisteanu, Mary Ellen ..... Roanoke, VA  
 Britton, James Holmes..... Ashburn, VA  
 Bryant, Thomas Augustus..... Virginia Beach, VA  
 Burns, John Jordan ..... Gasburg, VA  
 Christopher, Anna Nicole ..... Midlothian, VA  
 Clanton, Jessica Gladys ..... Chesterfield, VA  
 Clark, Lindsey Elizabeth..... Virginia Beach, VA  
 Coffey, Peter Dolston..... Alexandria, VA  
 \*Craft, Lauren Elisabeth..... Blacksburg, VA  
 Cross, Xendon Sebastian..... Santa Barbara, CA  
 Ea, Christopher Lim..... Centreville, VA  
 Field, William Parker ..... Ashburn, VA  
 Grant, Brittany Kimberly Nicole..... Stafford, VA  
 Griffin, Shelby Renae..... Manassas, VA  
 Grim, Chelsea Elise ..... Stephens City, VA  
 Lombardozi, Ryan Nicholas..... Midlothian, VA  
 Lubag, Marilyn ..... Sterling, VA  
 Middledorf, Lauren Michelle ..... Leesburg, VA  
 \*Minor, Matthew Bennett..... Mechanicsville, VA  
 Parker, Helen Alexandra ..... Leesburg, VA  
 Puckett, Monica Faith ..... Halifax, VA  
 \*\*φPurvis, Cory Marie ..... Oreland, PA  
 Restrepo, Cristina..... Sterling, VA  
 \*Roberts, Hayden Elizabeth ..... Henrico, VA  
 Scholar, Helen Elizabeth ..... Vienna, VA  
 Scott, Jaquan Da'Mont ..... Prospect, VA  
 \*Sorenson, Kristin Anne..... Winchester, VA  
 Williams, Jordan Benjamin ..... Sterling, VA  
 Witt, Carlin Elizabeth..... Stuart, VA  
 Yum, Ashley G-Yoon..... Centreville, VA

August 16, 2014

Banks, Kathleen Elizabeth..... Hendersonville, TN  
 Burchill, Krista Nicole..... Harrisonburg, VA

July 7, 2014

Caldwell, Adam Lance..... Salem, VA  
 Carlson, Rachel Anne..... Culpeper, VA  
 Craft, Carla Marie..... Fredericksburg, VA  
 Dick, Leah Catherine..... Lexington, KY  
 \*Geiling, Christie Elizabeth..... Williamsburg, VA  
 Jones, Emily Nicole ..... Clarksville, VA  
 Kuchova, Carly Claire ..... Port Murray, NJ  
 Meeks, Bradley Craig ..... Collinsville, VA  
 \*Sinha, Neel Kumar..... Fairfax, VA  
 \*Webb, Jessica Danielle..... Galax, VA

**ENGLISH**

**December 18, 2014**

Anderson, James Luke..... Salem, VA  
\*\*φBowman, Lauren Nicole..... Roanoke, VA  
Brankley, Julia Kristine..... Richmond, VA  
Crom, Jessica Leonard..... Richmond, VA  
\*\*Davis, Ryan Bradford..... Pearisburg, VA  
\*\*\*Girgenti, Elkin Marie..... Lorton, VA  
\*\*\*‡Johnson, Devon Virginia..... Woodbridge, VA  
Johnson, Joanna Leah..... Winchester, VA  
Kolodner, Jeffrey Andrew..... Blacksburg, VA  
\*Laiche, James Louis..... Richmond, VA  
Lucas, Stephen Lawrence..... Warrenton, VA  
\*\*\*φPierpont, Merry Jordan..... Charlotte, NC  
\*\*\*φRavi, Janani..... Glen Allen, VA  
Turney, Elizabeth Austin..... Ridgeway, VA  
Urba, Emily Alison..... Kinnelon, NJ

**August 16, 2014**

Gilbert, Matthew Evan..... Virginia Beach, VA  
McNicholas, Leah..... Centreville, VA  
\*Roberts, Jonathan Edward..... Blacksburg, VA  
Schultze, Martina Cornelia..... Blacksburg, VA  
Winand, Kathryn Sonia..... Laurel, MD  
Wright, Justin Wesley..... Parkton, MD

**July 7, 2014**

Engel, Elizabeth Perren..... White Post, VA  
Martin, Ryan Austin..... Aberdeen, MD  
\*Owen, Kasey Marie..... Lynchburg, VA  
Porter, Henry Powell, Jr. .... Blacksburg, VA

**HISTORY**

**December 18, 2014**

Abt, Tyler Drew..... Manassas, VA  
Armiger, Matthew Scott..... Hockessin, DE  
Barnett, Cory Joseph..... Roanoke, VA  
Baxter, Mason Andrew..... Fredericksburg, VA  
Conway, Christopher Robert..... Montpelier, VA  
Desouza, Kristi Nichole..... Ashburn, VA  
Dickerman, Ross Conway..... Blacksburg, VA  
\*Gancio, Michael James..... Virginia Beach, VA  
\*Latimer, Morgan Bennett..... Richmond, VA  
\*\*McBride, Taylor Kathryn..... Chesapeake, VA  
McCusker, Daniel Foster..... Derry, NH  
McCusker, Meredith Fay..... Tunbridge, VT  
Poskas, Zachary Wayne..... North Tazewell, VA  
\*Renfro, Kyle Michael..... Forest, VA  
Roe, Gavin Andrew..... Marion, VA  
Smith, Kyle Randall..... Richmond, VA  
Stombock, Cara Marie..... Luray, VA  
Vickers, Caleb Morris..... Stafford, VA  
Walker, Fred Brashear..... Blacksburg, VA

**August 16, 2014**

Smith, Edward Stephen..... Winter Haven, FL

**HUMANITIES, SCIENCE, AND ENVIRONMENT**

**December 18, 2014**

McCutcheon, Ailsa Emma Louise..... Richmond, VA

**August 16, 2014**

\*\*\*Riggs, Kelsey Grace..... Virginia Beach, VA

**INTERNATIONAL STUDIES**

**December 18, 2014**

Balcazar, Adriana Olda..... Damascus, MD  
Borda, Diego Ricardo..... Annandale, VA  
\*\*Bork, Lillian Athena..... Fairfax, VA  
\*Corridon, Kelly Kristine..... Alexandria, VA  
Dargan, Lana Jonelle..... Ashburn, VA  
Horchler, Sarah Jane..... Lorton, VA  
Kalthoff, Karl August..... Burke, VA  
Knowlton, Charles Anthony..... Christiansburg, VA

\*\*Lee, Andrew Jeffery..... Roanoke, VA  
\*\*\*McNutt, Melody Danielle..... Roanoke, VA  
\*\*\*φRavi, Janani..... Glen Allen, VA  
\*Reistrup, Gina Emanuel..... Springfield, VA  
Welsh, Nathaniel Julian..... Lexington, VA

**August 16, 2014**

Entsminger, Joshua Luke..... Virginia Beach, VA  
Rehim, Maggie Nabila..... West Point, VA  
Wood, Erica Ashley..... Cumming, GA

**July 7, 2014**

Balint, Rebekah Jean..... Clifton, VA  
Jordan, William Yates..... Falls Church, VA  
\*Rogers, Noah B. .... Chichester, NH  
Scott, Jordan V..... Virginia Beach, VA  
Velasco, Crystal Marie..... Springfield, VA  
Vick, Hannah Paige..... Herndon, VA  
Wernecke, Natalie Ann..... Towson, MD

**MUSIC**

**December 18, 2014**

\*\*Baumgartel, Bryson William..... Ashburn, VA

**August 16, 2014**

Turner, Matthew Wells..... Martinsville, VA

**PHILOSOPHY**

**December 18, 2014**

Johnston, Peter J..... Luray, VA  
Lantin, Bronte Angelia..... Gainesville, VA  
\*\*φShepard, Kathryn Ann..... Stafford, VA  
Sujyot, Mugdha..... Fairfax, VA  
\*\*\*φWescott, Rebecca Lynn..... Haymarket, VA  
Zaboji, Steven GeorgeAlexander..... Reston, VA

**August 16, 2014**

\*\*Cha, Keon..... Blacksburg, VA

**July 7, 2014**

\*Rueckert, Theodore Thomas..... Falls Church, VA

**POLITICAL SCIENCE**

**December 18, 2014**

\*Ahmed, Ali..... Dumfries, VA  
Altizer, Molly Katherine Cole..... Tazewell, VA  
Brauns, Adam Reed..... Blacksburg, VA  
Brown, Gabriel Micah..... Roanoke, VA  
\*\*Brown, Tyler Philip..... Clear Spring, MD  
\*Choi, Theodore Taeho..... Alexandria, VA  
\*\*\*D'Anna, Alexandra Rosaria..... Bel Air, MD  
Dallas, Gregory Andrew..... Ann Arbor, MI  
Dittmer, Adil Bichry..... Falls Church, VA  
Eubank, Taylor Carnes..... Manassas, VA  
Farley, Tiffany Ann..... Christiansburg, VA  
\*Gancio, Michael James..... Virginia Beach, VA  
\*\*\*Harlow, Corey H..... Quicksburg, VA  
Hastings, Kevin Andrew..... Ashburn, VA  
Johnston, Peter J..... Luray, VA  
Karhnak, Robert..... Woodbridge, VA  
\*ΔKim, Rachael Yeegle..... Springfield, VA  
\*McGuinness, Cooper Adam..... Old Saybrook, CT  
\*Osborn, Claire Sutton..... Alexandria, VA  
Penkwitz, Trevor Joseph..... Caroline, VA  
\*Radzevich, Lauren Elizabeth..... Murrysville, PA  
Scott, Stephen Daniel..... Wytheville, VA  
Shaffer, Justin Thomas..... Blacksburg, VA  
\*\*φShepard, Kathryn Ann..... Stafford, VA  
Showalter, Daniel Turner..... Harrisonburg, VA  
Smith, Kyle Randall..... North Chesterfield, VA  
\*Taylor, Shaun Michael..... Midlothian, VA  
\*\*Vikell, Stephen Francis..... Lutherville, MD  
Webb, Brittany Michelle..... Frederick, MD  
\*\*\*φWescott, Rebecca Lynn..... Haymarket, VA

**August 16, 2014**

Conlon, Olivia Grace..... Woodstock, VA  
Garrett, Benjamin Troy..... Blacksburg, VA  
Lind, Cameron David..... Gainesville, VA  
Nelson, Parker Thomas..... Fairfax Station, VA  
Shea, John Joseph..... Edison, NJ

**July 7, 2014**

Lee, Dylan Ross..... Manassas, VA  
Walz, Zachary Connor..... Freeland, MD  
\*Yazman, Joshua Aaron..... Vienna, VA  
\*\*\*Young, Joshua James..... Ventura, CA

**RELIGION AND CULTURE**

**December 18, 2014**

\*Ritchie, Faith Denise..... Damascus, VA  
Shelby, Tate Bradford..... Richmond, VA  
Vickers, Joseph Patrick..... Luray, VA

**THEATRE ARTS**

**December 18, 2014**

\*Boyle, Kathleen Rose..... Leesburg, VA  
\*\*Cross, Emma Catherine..... Ashburn, VA  
Gaylord, Carter Judson..... Blacksburg, VA  
♦Hankins, Darren Bradford..... Chesapeake, VA  
Mancini, Zachary Christian..... Glenshaw, PA  
Smith, Ross Parker..... Ridgeway, VA  
Turney, Elizabeth Austin..... Ridgeway, VA

**August 16, 2014**

Proctor, Sadah Ieisha..... Central Islip, NY  
Tusing, Scott Kearns..... McLean, VA

**July 7, 2014**

Dubay, Michael Charles..... Newport News, VA

**BACHELOR OF ARTS IN FOREIGN LANGUAGES**

**FRENCH**

**December 18, 2014**

\*\*\*φDaku, Elsa..... Blacksburg, VA  
Mormando, Hannah Tyler..... Haymarket, VA  
Warren, Nora Madeleine..... Berryville, VA

**SPANISH**

**December 18, 2014**

Burke, Devin Gerard..... Darien, CT  
Flynn, Padraic Bell..... Herndon, VA  
\*Myers, Arabella Marie..... Winchester, VA

**July 7, 2014**

\*\*\*Reed, Alissa Sterling..... Newport News, VA

**BACHELOR OF SCIENCE**

**APPAREL, HOUSING, AND RESOURCE MANAGEMENT**

**December 18, 2014**

Benedict, Brent Edward DeVore..... Greenville, SC  
Brassington, Kathryn Lynn..... Midlothian, VA  
Brooks, Jaymes Marquis..... Newport News, VA  
Di Nardo, Derek James..... Virginia Beach, VA  
Ervin, Jazmyne Dene..... Ashburn, VA  
Farris, Caleb Nicholas Wiloughby..... Fairfield, VA  
Field, Ryan Thomas..... Williamsburg, VA  
Fouch, Samantha Lynn..... Bristol, TN  
Hetu, Dominique Janee..... Leesburg, VA  
Joyce, Jacob Kenneth..... Collinsville, VA  
Maddy, Luther..... Delray Beach, FL  
McGuire, Madeline Blaine..... Strasburg, PA

Minor, Roland Lawrence..... Washington, DC  
Navasca, Nicole Pamintuan..... Virginia Beach, VA  
Nimmo, Hayley Alexis..... Newport News, VA  
Ravn, Samantha Nicole..... Winchester, VA  
Romeo, Paige Ann..... Caroline, VA  
Sherwood, Michelle Alexandra..... Yorktown, VA  
Tamin, David..... Florham Park, NJ  
Taylor, Fabian Cody..... Longwood, FL  
Taylor, Justin Jaquin Lyes..... Norwood, NC  
Vannoy, Scott William..... Rural Retreat, VA  
Vetterlein, Nicholas David..... Allendale, NJ  
Whitehead, Christian Tyler..... Charlottesville, VA  
Williams, James Franklin, Jr..... Hampton, VA  
Williams, Kelvin Alexander..... Alexandria, VA  
Wright, Kyle Stephen..... Waynesboro, VA

**August 16, 2014**

Carey, Alexis Danielle..... Charlottesville, VA  
Conway, Joseph Francis..... Tappahannock, VA  
Edgerton, Aaron Joseph..... King William, CA  
Hernandez, Marco A..... San Diego, CA  
Hurd, Cameron Michael..... Roanoke, VA  
McCants, Jonathan Paul..... Alexandria, VA  
O'Keefe, Colin King..... Waterford, CT  
Yu, Jessica Jiaqi..... Chesapeake, VA

**HUMAN DEVELOPMENT**

**December 18, 2014**

Barlow, Jessica Danielle..... Salem, VA  
Barrix, Ashley N..... Portsmouth, VA  
\*\*Cockrill, Julia Virginia..... Reston, VA  
Cole, Megan Mackenzie..... Covington, VA  
\*Davis, Danielle Elizabeth..... Ashburn, VA  
\*\*Hagan, Lauren Clare..... Stafford, VA  
Harry, Heidi Lynne..... New Castle, VA  
Haskett, Marcus Devon..... Hampton, VA  
\*\*Herndon, Hollie Christina..... Christiansburg, VA  
Jarrett, Kyshoen Freedom..... East Stroudsburg, PA  
Kadak, Steven..... Forest, VA  
Kirk, Kayleen Raye..... Stafford, VA  
Langerman, Melissa Leigh..... Fairfax, VA  
\*\*Linkous, Frances Elizabeth..... Fincastle, VA  
\*Matusevich, Brynn Marie..... Riner, VA  
Matusevich, Kelly Rene..... Riner, VA  
Nguyen, Samantha Adair..... Roanoke, VA  
Pasco, Elizabeth Carrington..... Hot Springs, VA  
Pauley, Jessica Lee..... Glen Allen, VA  
Pollock, Grant Christopher..... Richmond, VA  
\*Powers, Emily Elizabeth..... Richmond, VA  
\*Rahman, Zehra..... Springfield, VA  
\*\*\*φRivero, Brittany Ann..... Blacksburg, VA  
Smith, Samantha Jo..... Newport News, VA  
Stone, Katherine Elizabeth..... West Chicago, IL  
Syversen, Christina Maria..... Irvington, VA  
\*\*\*Tallman, Allison Patricia..... Lynchburg, VA  
\*\*\*Trageser, Kristie Alise..... North Salem, NY  
Tran, Nhien Thi Khanh..... Ho Chi Minh, Vietnam  
\*Wall, John Douglas, II..... Manassas, VA  
Walsh, Kelly Ann..... Lynchburg, VA  
Welgoss, Allison Elizabeth..... Fairfax Station, VA  
Wheeler, Allison Elizabeth..... Glen Allen, VA  
\*White, Erin Elizabeth..... Charlottesville, VA

**August 16, 2014**

Barimo, England Elizabeth..... Tulsa, OK  
Braswell, Kristie Marie..... Windsor, VA  
Eastham, Katherine Locke..... Staunton, VA  
Hairston, Shanice Noelle..... Martinsville, VA  
Houff, Rebecca Alice..... Weyers Cave, VA  
Leake, Natalie Louise..... Centreville, VA  
Penny, Christopher Ryan..... Virginia Beach, VA  
Tabrizi, Yasaman Amanaty..... Warrenton, VA  
Webster, Robyn Lee..... Chesapeake, VA

\*Cum Laude \*\*Magna Cum Laude \*\*\*Summa Cum Laude †Cooperative Education Program ΔCommonwealth Scholars ‡ "Degree In Honors"  
§Honors Baccalaureate φHonors Scholar ♦Health Studies Scholar ♦Posthumous

July 7, 2014

Adams, Rebecca Mae ..... Mooresville, NC  
Frazier, Linda Macie ..... Harrisonburg, VA  
\*\*φGonzalez Gray, Gabrielle Marie ..... Charlotte, NC  
Park, Sean M. .... Springfield, VA  
Ward, Kaitlyn Marie ..... Pittsburgh, PA

**SOCIOLOGY**

December 18, 2014

Curry, Christian Moul ..... Wall, NJ  
Das, Suyash Saurabh ..... Kolkata, India  
Filova, Katarina ..... Bratislava, Slovakia  
\*\*Goodfriend, Erica Puakai ..... Honolulu, HI  
Lewis, Courtney Regina ..... New River, VA  
Mechling, Nickolas Scott ..... Mechanicsville, VA  
Neibert, Zachariah T ..... Beavercreek, OH  
Nicolas, Dadi L ..... Delray Beach, FL  
Stevens, Alvin Wilson Hunter ..... White Oak, VA  
Weber, Alexandria Lee ..... Costa Mesa, CA

August 16, 2014

Barnette, Matthew William ..... Alexandria, VA  
\*\*Blumberg, Lindsay Leigh ..... Charlottesville, VA  
Feury, Lorraine Juliana ..... Manassas, VA  
Hudson, Dorenzo Vernara ..... Charlotte, NC  
Rose, Patricia Ellen ..... Fairfax Station, VA  
\*Ugoka, Uju Nkiru ..... Lagos, Nigeria

July 7, 2014

English, Jordan Elizabeth ..... Manassas, VA  
Laiti, Brian James ..... Fairfax, VA  
Wilson, Caroline Lavelle ..... Staunton, VA

**COLLEGE OF  
NATURAL RESOURCES & ENVIRONMENT**

**BACHELOR OF ARTS**

**GEOGRAPHY**

December 18, 2014

\*\*Belka, Samuel Day ..... Virginia Beach, VA  
Cantrell, Henry Hoke ..... King William, VA  
\*\*Crowder, Sarah Gayle ..... Christiansburg, VA  
\*\*Karstetter, Amanda Rae ..... Centreville, VA  
Ketchem, Brian Ray ..... Mechanicsville, VA  
Lamb, Kelsey Patricia ..... Mullica Hill, NJ  
\*\*Lee, Andrew Jeffery ..... Roanoke, VA  
\*\*\*Meade, Taylor Brooks ..... Wise, VA  
Regan, Jonathan William ..... Stafford, VA  
Widdowson, Andrew M. .... Blacksburg, VA

August 16, 2014

Allen, Bryan David ..... Bedford, VA  
Bly, Jacob B. .... Stephens City, VA  
Schmick, Peyton Andrew ..... Richmond, VA

July 7, 2014

Curran, Matthew McCormack ..... Towson, MD  
Porter, Henry Powell, Jr. .... Blacksburg, VA

**BACHELOR OF SCIENCE**

**ENVIRONMENTAL RESOURCES MANAGEMENT**

August 16, 2014

Kerns, Lucas Christian ..... Wise, VA

**METEOROLOGY**

December 18, 2014

Leitz, Amanda Chloe ..... Virginia Beach, VA  
\*Ridge, Sean McCain ..... Richmond, VA  
\*Smith, Matthew Randall ..... Apex, NC

**NATURAL RESOURCES CONSERVATION**

July 7, 2014

Muth, Marygrace ..... Timonium, MD

**SUSTAINABLE BIOMATERIALS**

December 18, 2014

Stine, Brandon Cody ..... Spotsylvania, VA

**WILDLIFE SCIENCE**

August 16, 2014

Powell, Sarah Jane Ashley ..... Woodbridge, VA

**WOOD SCIENCE AND FOREST PRODUCTS**

December 18, 2014

\*Adibpour, Cyrus Flores ..... Fairfax, VA  
Davidson, Brian Adam ..... Wilmington, DE  
St Ours, Dylan Patrick ..... Harrisonburg, VA

August 16, 2014

\*Shiner, Zachary Philip ..... Downingtown, PA

**BACHELOR OF SCIENCE IN  
FISH AND WILDLIFE CONSERVATION**

**FISH CONSERVATION**

December 18, 2014

Chang, Jean Salmon ..... Vienna, VA  
Whalen, Jacob Michael ..... Speedwell, VA

**WILDLIFE CONSERVATION**

December 18, 2014

Fink, McKinzie Grace ..... Chester, VA  
Magill, Julia Hamilton ..... Alexandria, VA  
Sharpe, Ashley Mone't ..... Hempstead, NY  
Thomas, Noah Aaron ..... Hot Springs, VA  
Wansley, Jarrett Nathaniel ..... Richmond, VA

**BACHELOR OF SCIENCE IN FOREST RESOURCES  
AND ENVIRONMENTAL CONSERVATION**

**ENVIRONMENTAL RESOURCES MANAGEMENT**

December 18, 2014

Brickey, Anthony Todd, Jr. .... Max Meadows, VA  
Crowther, Robert Edward, V ..... Kilmarnock, VA  
\*Owens, Cameron Sutton ..... Summerfield, NC  
Pillow, Martin Gilbert ..... Red House, VA  
Renshaw, Sheridan Clare ..... Mount Airy, MD

**FORESTRY**

December 18, 2014

Coffey, John Robey, II ..... Lexington, VA  
Lancaster, Fred Nicholas, IV ..... King William, VA  
Yost, Joshua Allen ..... Pearisburg, VA

**NATURAL RESOURCES CONSERVATION**

December 18, 2014

Keating, Hunter Martin ..... Street, MD  
Spencer, Matthew Dylan ..... Christiansburg, VA

# COLLEGE OF SCIENCE

## BACHELOR OF ARTS

### CHEMISTRY

December 18, 2014

Banjoman, Jordan Thomas ..... Front Royal, VA  
\*Heizer, Patrick John ..... Hagerstown, MD  
Khan, Jasim ..... Blacksburg, VA  
O'Connor, Stephen James ..... Charlottesville, VA

August 16, 2014

Cramer, Laura Ann ..... Seoul, South Korea

July 7, 2014

\*Tatlonghari, Grace ..... Burke, VA  
Weisberger, Harrison Andrew ..... Richmond, VA

### ECONOMICS

December 18, 2014

Ahn, Peter Myungjin ..... Fairfax, VA  
Aramayo Lipa, Lindsay Lucia ..... Fairfax, VA  
Chambers, Joshua Daniel ..... Fairfax Station, VA  
D'Amelio, Anthony William ..... Garnerville, NY  
\*\*Delli Priscoli, Stephen Joseph ..... Arlington, VA  
Elphee, Joshua Steven ..... Marshall, VA  
Fallis, Michael Joseph ..... West Chester, PA  
Hall, Jonathan Elliott ..... Pittsburgh, PA  
Johnson, Thadeus David ..... Greensboro, NC  
Kharel, Stuti ..... Manassas, VA  
Levet, Michael Robert ..... Richmond, VA  
McDonough, Christopher Patrick ..... Mechanicsville, VA  
Phillips, Matthew Richard ..... Atlanta, GA  
Privette, James Martin-Lee ..... Washington, DC  
Reinhard, Graham Davis ..... Hockessin, DE  
\*\*\*Sullivan, Brendan James ..... Fairfax, VA  
Valentine, Matthew Reynolds ..... Richmond, VA  
Warren, Tyler Anthony ..... Chesapeake, VA  
Weller, Patrick Lee ..... St. Michaels, MD  
Wilson, Benjamin Galen ..... Ashland, VA

August 16, 2014

Heath, William Stafford, Jr. ..... Chesapeake, VA  
Qiao, Heyang ..... Blacksburg, VA  
Stratton, Kyle Douglas ..... Sayreville, NJ

July 7, 2014

Bischoff, Dylan Michael ..... Alexandria, VA  
Clark, Christopher Steven ..... Chesapeake, VA  
Felder, Samuel Ian ..... Virginia Beach, VA  
Gersbach, Lauren Jensen ..... Suffolk, VA  
Marquardt, Christopher Joseph ..... Great Falls, VA  
Velasco, Crystal Marie ..... Springfield, VA  
Waldrop, Charles Stephens ..... Roanoke, VA

### PHYSICS

December 18, 2014

\*Lucas, Jonathan William ..... Yorktown, VA  
Stringfellow, Jordan Bayne ..... Mechanicsville, VA  
Whittemore, Alexander Kinsman ..... Chesapeake, VA

## BACHELOR OF SCIENCE

### BIOCHEMISTRY

December 18, 2014

Apuzzo, Robert Ryan ..... Ashburn, VA  
Black, Sean Kendall ..... Chatham, NJ  
Gordon, Cameron Michelle ..... Mechanicsville, VA  
Guy, Heather Faye ..... Marion, VA  
Kessner, Chelsea Lee ..... Blacksburg, VA  
Park, Yu Jeong ..... Seoul, South Korea  
Perrone, Jesse Robert ..... Virginia Beach, VA

Prussin, Reece David ..... Blacksburg, VA  
Tope, Donald ..... Chapel Hill, NC  
Wachtel, Candice Nikole ..... Norman, OK  
Yohe, Kerri Anne ..... Roanoke, VA

August 16, 2014

Clarke, Alexander Brian ..... Richmond, VA  
Florio, Jacqueline Marie ..... Long Valley, NJ

July 7, 2014

Cramer, Laura Ann ..... Seoul, South Korea  
Hart, Bianca Rose ..... San Diego, CA  
\*Rueckert, Theodore Thomas ..... Falls Church, VA

### BIOLOGICAL SCIENCES

December 18, 2014

Adams, Jessica Cathryn ..... Mechanicsville, VA  
Anwar, Tahsin ..... Dumfries, VA  
Belcher, Emily Elizabeth ..... Chesterfield, VA  
\*Carlson, Phebe Maree ..... Yorktown, VA  
Cobb, Katie Jean ..... Santa Clarita Valley, CA  
Edwards, Sarah Catherine ..... Troutville, VA  
Evans, Cameron Taylor ..... Jacksonville, FL  
Fenn, Samantha Lyn ..... Bel Air, MD  
Fleck, Alexandra Paige ..... Virginia Beach, VA  
\*\*\*Foley, James Patrick ..... Ashland, VA  
\*\*Ford, Kara Alexandra ..... Manassas, VA  
\*Good, Nicole Elizabeth ..... Lynchburg, VA  
\*Green, Chelsea Michelle ..... Bristol, TN  
Greenberg, Samuel Leighton ..... Wilmington, DE  
Hansen, Carrie Anne ..... Purcellville, VA  
\*\*\*AHarrison, Kara Michelle ..... Bedford, VA  
\*Harsh, Ethan James ..... LaVale, MD  
\*Johnson, Jennifer ..... Suffolk, VA  
\*Joseph, Caroline Elizabeth ..... Leesburg, VA  
Khawar, Sumbul ..... Roanoke, VA  
\*\*\*Kim, Royce ..... Yorktown, VA  
Knowles, Casie Marie ..... Lorton, VA  
\*\*\*Lovegrove, Spencer Sykes ..... Roanoke, VA  
Lovingood, Haley Shiloh ..... Max Meadows, VA  
\*\*Merritt, Chelsea Margaret ..... Spotsylvania, VA  
\*Nguyen, Katherine Phuong-Khanh ..... Virginia Beach, VA  
Patierno, Brendon Michael ..... Falls Church, VA  
\*\*\*P Peddireddy, Saivarshith ..... Ashburn, VA  
Perkinson, Jessie Lynn ..... Floyd, VA  
Ray, Brandon Mckinsey ..... Waynesboro, VA  
Robinson, Samuel Jhas ..... Grayson County, VA  
\*Rosati, Matthew Michael ..... Herndon, VA  
Rozyczko, Melissa Marie ..... Suffolk, VA  
Scully, Shannon Eileen ..... Falls Church, VA  
Stephenson, Caroline Jean ..... Fairfax, VA  
Study, Katherine ..... Virginia Beach, VA  
\*\*\*Syed, Umair Jamaluddin ..... Herndon, VA  
Vogel, Eric Clark ..... Leesburg, VA  
Wakley, Henry Parke ..... McCoy, VA  
Welling, Patricia Irene ..... Blacksburg, VA  
\*\*\*Wheeler, Lauren Rebecca ..... Virginia Beach, VA  
\*\*Wong, Alan Mach ..... Annandale, VA  
Wright, David Nelson ..... Roanoke, VA  
\*\*\*Yensen, Katie Marie ..... Falls Church, VA  
Zoury, Fatima ..... Arlington, VA

August 16, 2014

Ahn, Chi Hoon ..... Springfield, VA  
Brown, Bobby Gordon, III ..... Richmond, VA  
Campbell, Jeanne Marie ..... Doylestown, PA  
Cobb, Alexander Kenneth ..... Christiansburg, VA  
Dodge, Andie Nichole ..... Lutz, FL  
\*Durney, Amber LeAnn ..... Hume, VA  
Ekbatani, Kasra ..... Sterling, VA  
Fletcher, Bria Ashley ..... Charlotte, NC  
\*Gardner, Kyle Andrew ..... Falls Church, VA  
Gascogne, Alexander Michael ..... Springfield, VA  
Gener, Brian James Salas ..... Burke, VA  
Gupta, Anupriya ..... Springfield, VA  
Haydu, Elizabeth Ann ..... Woodstock, VA

Long, Courtney Patricia.....Rochester, NY  
 Patel, Ankit Pradip..... Forest, VA  
 Price, Rebecca Jean..... Marion, VA  
 Silcox, Taylor Elizabeth..... Carrsville, VA  
 Taylor, Bryce Nathaniel..... Purcellville, VA  
 Thaker, Shree Hitul..... Lorton, VA  
 Valdez, Stephanie Michelle..... Springfield, VA

**July 7, 2014**

Barton, David Gregory..... Blacksburg, VA  
 Boesel, Jonathan Taylor..... Cornelius, NC  
 Girshevitsky, Maxim Maxim..... Reston, VA  
 Good, Victoria Samantha Louise..... Chesapeake, VA  
 Jobst, Thomas, Jr..... Blacksburg, VA  
 Kassoff, Lukas Andreivich..... Blacksburg, VA  
 Krause, Ayla Christine..... Salem, VA  
 Wong, Wah Jin..... Fairfax, VA

**CHEMISTRY**

**December 18, 2014**

Houghton, Dennis James, Jr..... Virginia Beach, VA  
 †Nguyen, Kim Shannon..... Fredericksburg, VA  
 Yanakiev, Emil Vladimirov..... Blacksburg, VA

**August 16, 2014**

Crook, Edward Dion, Jr..... Richmond, VA  
 Gates, Joseph Emmanuel Lewis..... Leesburg, VA  
 Green, Leilani Etta Grace..... Fairfax, VA  
 Grisevich, Hannah Dianne..... Glen Allen, VA

**GEOSCIENCES**

**December 18, 2014**

\*Alsaad, Abdullah Riyadh..... Dammam, Saudi Arabia  
 Lahart, Eric Joseph..... Houston, TX  
 Mullin, Alexa Lynn..... Bristol, VA  
 Portwood, Emily Katherine..... Colonial Heights, VA  
 Van Pelt, Elizabeth Grace..... West Point, NY

**August 16, 2014**

Mihalov, Alexander John..... Milford, CT  
 Rickett, Thomas John Maxwell..... Alexandria, VA  
 Tompkins, William Paul, III..... Sewell, NJ  
 Vazquez, Victor David..... Virginia Beach, VA  
 Whalen, Lisa Marie..... Blacksburg, VA  
 \*\*Whalen, William Taylor..... Blacksburg, VA

**July 7, 2014**

Slaughter, Emily Michelle..... Roanoke, VA

**MATHEMATICS**

**December 18, 2014**

Adams, Laurie Beth..... Ashburn, VA  
 \*\*\*Brown, Bart Lee, II..... Sterling, VA  
 \*\*Carroll, Jacob Alexander..... Blacksburg, VA  
 Convery, Colleen Lauren..... Gloucester City, NJ  
 Estefanos, Fayven Tedla..... Springfield, VA  
 \*\*φGray, Shannon Catherine..... Basking Ridge, NJ  
 Inman, Katherine Denise..... Danville, VA  
 Jiang, YangYang..... Nanjing, China  
 Lee, Brian Juchul..... Chantilly, VA  
 Levet, Michael Robert..... Richmond, VA  
 Lindeman, Jacqueline Ann..... Cape Charles, VA  
 \*\*\*φLucas, Shannon Christine..... Woodstock, MD  
 McGlynn, Meredith Marie..... Henrico, VA  
 Meek, Jeremy Joseph..... Sugar Grove, VA  
 \*\*\*Mitchell, Wilson Summerfield..... Stafford, VA  
 Noia, Tucker Dail..... Suffolk, VA  
 Olson, Nicholas Richard..... Raritan, NJ  
 †Quesinberry, Kelsey Ariel..... Fincastle, VA  
 Spencer, Darryl Matthew..... Virginia Beach, VA  
 \*\*\*Sullivan, Brendan James..... Fairfax, VA  
 Swaney, Emma Paige..... Alexandria, VA  
 Whalen, William Cornelius..... Rockville, MD  
 Yu, Wenbin..... Jinan, China

**August 16, 2014**

Datri, Brian William..... Parsippany, NJ  
 Feury, Lorraine Juliana..... Manassas, VA  
 Kim, Guho Kevin..... Fairfax, VA  
 Lefevre, Daniel Paul..... Alexandria, VA  
 Mackie, Brian Patrick..... Smyrna, TN  
 Zhang, Qingkai..... Xuzhou, China

**July 7, 2014**

Forster, Adrian Bernard..... Falls Church, VA  
 Malloy, Paul James..... Blacksburg, VA  
 Mash, Lara Kaye..... Christiansburg, VA  
 Morris, Zachary Cole..... Yorktown, VA  
 Pearson, Leland Young..... Charlottesville, VA  
 Ribeiro, Eric James..... Oakton, VA

**PHYSICS**

**December 18, 2014**

Alobaishi, Sultan Sulaiman..... Riyadh, Saudi Arabia  
 \*\*φBaker, Jonathan Lee..... Hanson, MA  
 \*\*\*Brown, Bart Lee, II..... Sterling, VA  
 Butler, George Storm..... East Granby, CT  
 \*\*Carroll, Jacob Alexander..... Blacksburg, VA  
 \*†Harter, David Thomas..... Bethel Park, PA  
 Price, Tyler Henry..... Franklin County, VA  
 Stovall, Brennon Christopher..... Prince George, VA  
 Strasel, Kevin Willis..... Arlington, VA  
 Waschko, Jacob William..... West Deptford, NJ  
 Wright, Tristan David..... Roanoke, VA

**August 16, 2014**

Lefevre, Daniel Paul..... Alexandria, VA

**July 7, 2014**

Colasuonno, Michael Thomas..... Clifton, VA

**PSYCHOLOGY**

**December 18, 2014**

Ahlin, Brennan Nicole..... Richmond, VA  
 Alger, Taylor Michele..... Stanton, VA  
 \*Baer, Abigail Joanne..... Hampton, VA  
 Beer, Patrick Edward..... Middleburg, VA  
 Brown, Gavra Elizabeth..... Roanoke, VA  
 Cure, Dillon Alene..... Lynchburg, VA  
 Dolenuck, Rachel Emily..... Virginia Beach, VA  
 \*Driskill, Kristina Marie..... Williamsburg, VA  
 Driskill, Nicholas Edward..... Ashburn, VA  
 \*\*\*Ellis, Grace Marie..... Rural Retreat, VA  
 \*\*Eroh, Kryslyn Danielle..... Norfolk, VA  
 Exum, Alexis Camille..... Glen Allen, VA  
 \*Funkhouser, James Kenneth..... Stephens City, VA  
 \*Futrell, Lindsey Brooke..... Emporia, VA  
 Gibson, Laurence De'Sean..... Sierra Vista, AZ  
 \*\*Gogolin, Amanda Danielle..... Stafford, VA  
 \*\*φGray, Shannon Catherine..... Basking Ridge, NJ  
 Hayter, Morgan Jade..... Blacksburg, VA  
 Herring, Jeana Lynn..... Montclair, VA  
 Jasani, Yogita Yogesh..... Centreville, VA  
 Jones, Eric Paul..... Royal Oak, MI  
 Kilday, Catherine Francesca..... Manassas, VA  
 Kim, Dong Hwan..... Blacksburg, VA  
 Komar, Savanna Dawn..... Norfolk, VA  
 Krishnaswamy, Ravi..... Roanoke, VA  
 Lewis, Courtney Regina..... New River, VA  
 McCauley, Brittany Nicole..... Midlothian, VA  
 \*\*McGlumphy, Shannon Marie..... Chattanooga, TN  
 Mendoza, Olivia Treakle..... Midlothian, VA  
 Morris, Reginald Carl, Jr..... Norfolk, VA  
 Mullins, Jonni Lynn..... Blacksburg, VA  
 \*Nguyen, An T..... Blacksburg, VA  
 Nuckols, Madalyn English..... Richmond, VA  
 Odum, Brianna Rhea..... Draper, VA  
 Parker, Lauren Elisabeth..... King George, VA  
 \*\*\*φPeddireddy, Saivarshith..... Ashburn, VA  
 \*\*\*φRivero, Brittany Ann..... Blacksburg, VA

Roach, Michael Andrew .....Ruckersville, VA  
 Robinson, Sarah Elizabeth.....Fredericksburg, VA  
 Roden, Christopher Adrahil..... Huntsville, AL  
 Rosenberger, Nicholas Lee.....Charlotte, NC  
 Simmons, Laiken Alexandra..... Leesburg, VA  
 Smith, Mary Elizabeth ..... Poquoson, VA  
 Snow, Jacob Hunter ..... Forest, VA  
 Speirs, Amelia Margaret ..... Leesburg, VA  
 Stewart, Austin Taylor..... Frisco, TX  
 \*\*\*Tait, Nicholas Jackson.....Spotsylvania, VA  
 Toney, Kelsey Elizabeth..... Buckingham, VA  
 \*Wall, John Douglas, II..... Manassas, VA  
 Wall, Reanna Noel.....Radford, VA  
 \*Williams, Laura Beth .....Chatham, VA  
 Wills, Parrish L..... Wilmington, NC

**August 16, 2014**

Anderson, Sarah Elizabeth .....Ashburn, VA  
 Boyce, Gemma Marie..... Hanover, PA  
 Bullock, Leslie Amanda ..... Roanoke, VA  
 Cunningham, Kevin Matthew ..... Sterling, VA  
 Gill, Ryan William.....Blacksburg, VA  
 \*\*Globus, Lauren Marie.....Ashburn, VA  
 Grill, Kimberly Ann..... Clifton, VA  
 Jaskot, Paul Andrew ..... Stafford, VA  
 Long, Courtney Patricia..... Rochester, NY  
 Nichols, Spencer Coleburn ..... Midlothian, VA  
 \*\*\*Roth, Courtney Nicole ..... Herndon, VA  
 Shultis, Sonia Chang..... Woodbridge, VA  
 Wright, Justin Wesley ..... Parkton, MD

**July 7, 2014**

Abdelrahman, Hannah Silva..... Leesburg, VA  
 \*\*\*ΔBardash, Carmi Judith ..... Falls Church, VA  
 \*\*\*Righi, Matthew Thomas ..... Fairfax, VA  
 Smullen, Richard George, Jr. ....Mendham, NJ  
 Stables, Michael Keith.....Rich Creek, VA  
 \*Summerill, Lauren Ashley..... Oak Hill, VA

**STATISTICS**

**December 18, 2014**

Ennis, Kevin Martin..... Blacksburg, VA  
 Frisbee, Hope Longtin ..... Reston, VA  
 Hong, Steven Gi-Kwang..... Virginia Beach, VA  
 Marousis, Amanda Hilary ..... Toms River, NJ  
 Ryan, Erin Elizabeth ..... Granby, CT  
 Smalls, Danielle Almetria ..... Clifton, VA

**August 16, 2014**

Lewis, Robert Benn ..... Reston, VA

**July 7, 2014**

Edmonds, Edward Cornell, II.....Chesapeake, VA  
 Ponikowski, Thomas Chester..... Alexandria, VA

**VIRGINIA TECH  
 BRASS ENSEMBLE**

Jay Crone, *Conductor*  
 Cara Amodeo, *Trumpet*  
 Jules Clayton, *Trumpet*  
 Jason Crafton, *Trumpet*  
 Elizabeth Kania, *Trumpet*  
 Liz Remchuk, *Horn*  
 Sophie Tenaglia, *Horn*  
 Caleb Copeland, *Trombone*  
 Tim Smart, *Trombone*  
 Michael Minor, *Tuba*  
 Jeb Sturgill, *Tuba*

**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**

