GRADUATION

Friday, August 5, 2016
11:00 a.m.
Bon Secours Wellness Arena

Processional
Dr. Debi Switzer, University Marshal

(Please remain standing for the processional, National Anthem and reflection.)

National Anthem

Reflection
Isiah Vincent Hamilton, Graduating Senior

Introduction of Trustees
President James P Clements

Recognition of the Deans of the Colleges
Executive Vice President for Academic Affairs
Robert H Jones

Conferring of Degrees and Delivery of Diplomas
President James P Clements

Alma Mater

(Please remain standing for the Alma Mater and recessional.)

Recessional

Tiger Rag
BOARD OF TRUSTEES

E Smyth McKissick III, Chair ..................................Easley, SC
John N McCarter, Jr., Vice Chair .................................Columbia, SC
David E Dukes ..................................................Columbia, SC
Leon J Hendrix, Jr. ..............................................Kiawah Island, SC
Ronald D Lee ....................................................Aiken, SC
Louis B Lynn ..........................................................Columbia, SC
Patricia H McAbee ..................................................Greenville, SC
Robert L Peeler ....................................................Lexington, SC
Mark S Richardson ..................................................Charlotte, NC
William C Smith, Jr. ..............................................Columbia, SC
Joseph D Swann .................................................Greenville, SC
Kim Wilkerson ......................................................Cayce, SC
David H Wilkins ....................................................Greenville, SC

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D Leslie Tindal ..........................................................Pinewood, SC
Allen P Wood ..........................................................Florence, SC

Executive Secretary to the Board of Trustees
Executive Director for Governmental Affairs
Angie E Leidinger

ADMINISTRATIVE OFFICERS

James P Clements ..................................................President
Maxwell Allen .....................................................Chief of Staff
Robert H Jones ...................................................Executive Vice President for Academic Affairs and Provost
George R Askew Jr. ............................................Vice President for Public Service and Agriculture
Brett A Dalton ...................................................Vice President for Finance and Operations
Almeda R Jacks ....................................................Vice President for Student Affairs
Tanju Karanfil ......................................................Vice President for Research
Mark D Land .....................................................Vice President for University Relations
Brian O’Rourke ....................................................Vice President for Alumni and Development
Michele M Cauley ..............................................Assistant to the President—Special Projects and Senior Director of Marketing and Communications for Development and Alumni Relations
Lee A Gill ..........................................................Chief of Staff
WC Hood, Jr. .....................................................General Counsel and Assistant to the President
Michelle T Piekutowski ........................................Chief Human Resources Officer
Daniel Radakovich, Jr. ........................................Director of Athletics
Theresa M Singletary ............................................Director of Operations

DEANS

John D Griffin ......................................................Associate Provost and Dean of Undergraduate Studies
Jason W Osborne .............................................Associate Provost and Dean of the Graduate School
George A Askew, Jr. ...........................................College of Agriculture, Forestry and Life Sciences
Richard E Goodstein .............................................College of Architecture, Arts and Humanities
Robert E McCormick .............................................College of Business and Behavioral Science
Anand K Gramopadhye ........................................College of Engineering and Science
Brett A Wright ..................................................College of Health, Education and Human Development
George J Petersen ............................................Eugene T Moore School of Education
Maggie Farrell .....................................................University Libraries
Mark D Leising ....................................................College of Science
CEREMONIAL MUSIC

Processional
Pomp and Circumstance — Sir Edward Elgar

National Anthem
Words by Francis Scott Key
Music attributed to John Stafford Smith

Musical Interlude
La Majeste from “Musique Heroique” — Telemann
Arranged by Steve Rhodes

Closing
Clemson University Alma Mater
Words by A C Corcoran, Class of 1919
Music by R Hawkins and Hugh H McGarity
Arranged by J Butler

Recessional
Rondeau from “Sinfonies De Fanfares” — Jean Joseph Mouret

BRASS QUINTET

Bruce Whisler          Trumpet
Greg Day              Trumpet
Elizabeth Udell       French Horn
Matthew Anderson      Trombone
Christopher Sparace   Tuba

VOCAL SOLOIST

Haleigh Marcolini
The academic procession is composed of the faculty, staff, officers, trustees and most honored guests of the University. Faculty enter by college and each college is preceded by its marshal, a senior faculty member, with the college baton, described under University Regalia. The college banners are placed on the stage. Each banner is a combination of colors that declare the disciplines taught in that college. These colors, which were established by the American Council on Education, are listed below.

Collegiate faculty follow their marshal in order of academic rank wearing academic costumes of medieval origin. Those who have received their degrees from institutions outside the United States wear costumes specified by the awarding institutions. Academic costumes of faculty whose degrees are from institutions in the United States are specified by a uniform code maintained by the American Council on Education. Caps are black and are usually mortar boards with tassels. Doctors of philosophy wear gold tassels usually of metallic thread; other degrees wear black or discipline colors.

The bachelor’s gown is simple and black with long, pointed sleeves. Masters’ gowns, also black, are longer than bachelors’ gowns. Older gowns have sleeves that terminate at the elbow, while those since 1960 have sleeves extended to the wrist. Doctors’ gowns are full, with bell-like sleeves. The front is marked by velvet panels and the sleeves are marked by three velvet bars. While most gowns are black with black velvet, one variation is to replace black velvet with velvet in the discipline color. A second variation is a colored gown usually of the university's colors.

All hoods specify the level of degree, the type of discipline studied and the awarding institution. First, degree level is signified by the size of the hood with bachelors’ the smallest, masters’ larger and doctors’ quite large and of a different shape. Clemson does not award hoods to bachelors. The width of the velvet trim also conveys the degree. Secondly, the degree is indicated by the color of the trim edging the hood to form the throat over the gown. The most frequently seen is dark blue, which designates the Doctor of Philosophy (Ph.D.) degree. Finally, the color of the hood’s lining specifies the awarding institution. The colors are displayed in combinations that are drawn from heraldry. Notice that the Clemson University hood is lined with purple through which is an orange chevron (a “V”). Although many combinations are duplicated by dozens of institutions, Clemson is presently the only institution with that registered combination.

The officers, trustees and honored guests wear academic, ecclesiastical or military regalia as set forth by their professions. The president of Clemson University wears a purple gown with four velvet bars piped in orange and the university seal embroidered on the panels. Each trustee wears a similar gown with three velvet bars piped in orange for doctorates and an embroidered palmetto tree on each sleeve for those who do not hold doctorates. Hoods are either from Clemson or from the awarding school. They are preceded by the university marshal. Clad in a gown of office in gold and purple, the marshal wears no hood and bears the university mace. At the ceremony’s close, the faculty do not exit as a part of the recessional but are dismissed, along with students and guests, when the marshal leaves the coliseum.

<table>
<thead>
<tr>
<th>College</th>
<th>Colors</th>
<th>Discipline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, Forestry and Life Sciences</td>
<td>Maize, Brown, Golden Yellow</td>
<td>Agriculture</td>
</tr>
<tr>
<td>Architecture, Arts and Humanities</td>
<td>Lilac, Brown, White, Dark Blue</td>
<td>Architecture, Arts, Humanities, Philosophy</td>
</tr>
<tr>
<td>Business and Behavioral Science</td>
<td>Drab, Copper, Peacock Blue, Cream</td>
<td>Accounting and Business, Economics, Public Administration, Social Sciences</td>
</tr>
<tr>
<td>Engineering and Science</td>
<td>Orange, Golden Yellow</td>
<td>Engineering, Science</td>
</tr>
<tr>
<td>Health, Education and Human Development</td>
<td>Light Blue, Apricot, Cream</td>
<td>Education, Nursing, Social Sciences</td>
</tr>
<tr>
<td>Library</td>
<td>Lemon Yellow</td>
<td>Library</td>
</tr>
<tr>
<td>Staff</td>
<td>Purple and Orange</td>
<td>Academic Support</td>
</tr>
<tr>
<td>Faculty Senate</td>
<td>Purple and White</td>
<td>Instruction</td>
</tr>
</tbody>
</table>
CANDIDATES FOR THE DOCTOR’S DEGREE
Jason W Osborne, Dean, Graduate School

COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

DOCTOR OF PHILOSOPHY

Animal and Veterinary Sciences

Mariano Alende............................................................................................................Toay, Argentina
  B.S., M.S., National University of La Plata
  Dissertation: Evaluation of High Sugar Ryegrass Varieties
  Advisor: Dr. J Andrae

Gabriela Volpi Lagreca...........................................................Santa Rosa, Argentina
  M.S., National University of La Plata
  Dissertation: Ruminant Supplementation of Gluconeogenic Substrates Via Drinking Water
  Advisor: Dr. S Duckett

Entomology

Francesca Louise Stubbins.....................................................York, United Kingdom
  B.A., University of Cambridge; M.Sc., London School of Hygiene and Tropical Medicine
  Dissertation: Ecology of Megacopta cribraria (Hemiptera: Plataspidae) with Implications for
Management on Soybean
  Advisors: Dr. F Reay-Jones and Dr. J Greene

Food Technology

Najla Ahmed Khateeb ..............................................................Anderson, SC
  B.S., King Abdulaziz University; M.S., Clemson University
  Dissertation: Examination of Infographics-Based Reusable Learning Objects (RLO) and Traditional
Didactic Lectures (TDL) to Improve Consumer Knowledge and Perceptions About the Safe Use
of Plastic Food Containers in a Microwave Oven
  Advisor: Dr. K Cooksey

Genetics

Krystal A Cadle.....................................................................................Cuthbert, GA
  B.S., University of West Georgia
  Dissertation: The Role the N-Terminal Domain Plays in Spidroin Assembly
  Advisor: Dr. W Marcotte

Ning Yuan................................................................................Chengdu, China
  B.S., M.S., Southwest China Jiaotong University
  Dissertation: Tackling Adverse Environment: Molecular Mechanism of Plant Stress Response and
Biotechnology Tool Development
  Advisor: Dr. H Luo
COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

DOCTOR OF PHILOSOPHY

Rhetorics, Communication and Information Design

S Andrew Stowe ...........................................................................................................Travelers Rest, SC
B.A., University of South Carolina; M.A., Clemson University
Dissertation: The Deal with Doping: Lance Armstrong’s Image Repair and Maintenance Strategies
Advisor: Dr. D Blakesley

COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

DOCTOR OF PHILOSOPHY

Economics

Yucheng Jiang............................................................................................................Yi Yang, China
B.A., Huazhong University of Science and Technology; L.L.B., Wuhan University;
M.A., Clemson University
Advisors: Dr. G Dwyer and Dr. R Tamura

Andrew L Swanson ....................................................................................................Oberlin, OH
B.A., Oberlin College; M.A., Clemson University
Dissertation: Commercial Bank Insolvency Risk and Geographic Diversification/Investigations into
Contribution Games
Advisors: Dr. P Wilson and Dr. P Warren

Human Factors Psychology

Michael Lee Wilson ........................................................................................................Pendleton, SC
B.S., Embry-Riddle Aeronautical University; M.S., Clemson University
Dissertation: Human Task Performance and the Impact of Varying Amplitude of Latency in a
Head-Mounted Display
Advisor: Dr. E Muth

Industrial/Organizational Psychology

Alice Michelle Brawley .................................................................................................Keithville, LA
B.A., Louisiana Technical University; M.S., Clemson University
Dissertation: Performance Management in Family Microbusinesses
Advisor: Dr. C Pury

Crystal Mary Burnette .................................................................................................Athens, TN
B.S., Wofford College; M.S., Clemson University
Dissertation: Burnout Among Pastors in Local Church Ministry in Relation to Pastor,
Congregation Member, and Church Organizational Outcomes
Advisor: Dr. R Sinclair

Deanna Karol Burns .....................................................................................................Manorville, NY
B.S., M.S., Clemson University
Dissertation: What Work and Family Mean to You: An Investigation of Demographic Differences
in Work-Family Conflict Using Qualitative and Quantitative Item Analysis
Advisor: Dr. R Sinclair
Industrial/Organizational Psychology (continued)

Janelle Hiu Ngae Cheung ................................................................. Hong Kong, China
B.A., M.S., Clemson University
Dissertation: Employee Well-Being Profiles: A Person-Centered Approach to Understanding
Multiple Dimensions of Psychosocial Well-Being
Advisor: Dr. R Sinclair

Sarah DuBose Coldiron ................................................................. Hampton, VA
B.S., Christopher Newport University; M.S., Clemson University
Dissertation: Demand-Control Interactions in Older Workers: Health and Well-Being as Outcome
Measures
Advisor: Dr. M Taylor

EUGENE T. MOORE SCHOOL OF EDUCATION

DOCTOR OF PHILOSOPHY

Curriculum and Instruction

Daniel M Alston ........................................................................... Columbia, SC
B.S., M.T., University of South Carolina
Dissertation: The Initial Design and Validation of the Teacher’s Emotions, Appraisals, and
Coping Habits When Facilitating Inquiry-Based Instruction (TEACH-FIBI) Instrument for
Science Education
Advisor: Dr. J Marshall

Tracy Dawn Butler ....................................................................... Redding, CA
B.A., University of Minnesota; M.A., Furman University
Dissertation: Middle School Subject Area Teachers’ Self-Efficacy with English Language Learners:
A Mixed Methods Study
Advisor: Dr. L Medford

Dennis Aminiel Kombe ................................................................. Kakamega, Kenya
B.Ed., Moi University; M.Ed., College of Charleston
Dissertation: An Examination of International Teachers’ Pedagogic Adaptation to U.S. Secondary
Mathematics Classes
Advisor: Dr. M Che

Sang-Ho Pang ............................................................................. Seoul, South Korea
B.S., M.S., Korea University
Dissertation: A National Survey of Literacy Faculty Practices, Beliefs, and Attitudes Toward Online
Courses
Advisor: Dr. D Reinking

Educational Leadership

Bridget Carver Briley ................................................................. Seneca, SC
B.S., Southern Wesleyan University; M.S., Capella University
Dissertation: Exploring the Effects of Network Dynamics on Student Test Scores in a Rural Middle
School
Advisor: Dr. R Marion
Matthew Robert Burns ................................................................. Greenville, SC  
B.A., Furman University; M.Ed., Clemson University  
Dissertation: Ethical Decision-Making Examined in Greek Letter Organization Members: A Case Study  
Advisor: Dr. P First

Caroline Wright Canty ............................................................... Indian Land, SC  
B.S., Winthrop University; M.A., Hampton University; M.A., Columbia College  
Dissertation: An Analysis of Three Trio Student Support Services Projects at Public Two-Year Institutions in South Carolina  
Advisor: Dr. J Satterfield

Steven Brian Joyce II ................................................................. Lexington, KY  
B.A., Eastern Kentucky University; M.Ed., University of South Florida  
Dissertation: Examining the Influence of Whiteness on the Group Socialization Process of College Men in the Traditionally White Fraternity System  
Advisor: Dr. T Cawthon

Forrest Murray Stuart ............................................................... Greenville, SC  
B.A., Birmingham-Southern College; M.A., University of Alabama  
Dissertation: Sustainable Enrollment Management: A Dynamic Network Analysis  
Advisor: Dr. R Marion

**COLLEGE OF ENGINEERING AND SCIENCE**

**DOCTOR OF PHILOSOPHY**

**Automotive Engineering**

Dee Wood Kivett ................................................................. Greenville, SC  
B.S., Virginia Polytechnic Institute and State University; M.S., Rensselaer Polytechnic Institute;  
M.B.A., Clemson University  
Dissertation: Clarity of View: An Evaluation Framework for Visibility Systems in Heavy Vehicles  
Advisors: Dr. Z Filipi and Dr. D Smith

Xueyu Zhang ................................................................. Hengshui, China  
B.S., Huazhong University of Science and Technology  
Dissertation: Optimization of the Supervisory Control of Series Hybrid Electric Vehicle for Multiple Objectives  
Advisor: Dr. Z Filipi

**Bioengineering**

Tigran Abramyan ............................................................... Moscow, Russia  
M.Pharm., First Moscow State Medical University;  
M.Sc., University College London School of Pharmacy  
Dissertation: Computational Studies of Molecular Mechanisms Mediating Protein Adsorption on Material Surfaces  
Advisor: Dr. R Latour

Sarah Elizabeth Cisewski .......................................................... Isle of Palms, SC  
B.S., Clemson University  
Dissertation: Nutrient Related Mechanisms in Intervertebral Disc Degeneration  
Advisor: Dr. H Yao
Bioengineering

Nasim Nosoudi..................................................Clemson, SC
B.S., Iran University of Science and Technology; M.S., Amirkabir University of Technology
Dissertation: Targeted Nano-Therapeutics for the Reversal of Calcification and ECM Degradation in Abdominal Aortic Aneurysms
Advisor: Dr. N Vyavahare

Matthew C Rusin..............................................Dublin, OH
B.S., Rose-Hulman Institute of Technology; M.S., Clemson University
Dissertation: Impact of Ionizing Radiation Dose and Dose Rate on Adipose Stem Cell Function
Advisor: Dr. D Dean

Hobey Tam..........................................................Fishers, IN
B.S., Rose-Hulman Institute of Technology; M.S., Clemson University
Dissertation: Developing A Novel Biomaterial for Bioprosthetic Heart Valve Fabrication that Resists Calcification and Structural Degradation
Advisor: Dr. N Vyavahare

Michael Aaron Vaughn......................................Anderson, SC
B.S., M.S., Clemson University
Dissertation: Development of Novel Poroelastic Polyvinyl Alcohol Based Hydrogels as a Synthetic Cartilage Substitute
Advisors: Dr. K Burg and Dr. J Corbett

Chemical Engineering

Juan Wang..........................................................Tianjin, China
B.S., Tianjin University
Dissertation: A New Multimodal Membrane for Bioprocess Chromatography
Advisor: Dr. S Husson

Chemistry

Tingting Han ....................................................Jinan, China
B.S., Xi’an Jiaotong University
Dissertation: Molecular Mechanics Study of Protein Folding and Protein-Ligand Binding
Advisor: Dr. B Dominy

Daniel A Hercules...........................................Clemson, SC
B.S., University of Costa Rica
Dissertation: Development of a Pilot-Scale Polymerization Facility and Monomer Preparation for the Determination of Reactivity Ratios for Tetrafluoroethylene (TFE)-Based Copolymers
Advisors: Dr. J Thrasher and Dr. D DesMarteau

Zhe Jia ..............................................................Tianjin, China
B.S., Tianjin University
Dissertation: Molecular Mechanics Studies of Protein Signaling and Conformation Change
Advisor: Dr. B Dominy

Liuwei Jiang....................................................Wuhan, China
B.S., Guangdong Pharmaceutical University
Dissertation: Surface Modifications of Capillary-Channeled Polymer (C-CP) Fibers for Protein Liquid Chromatography
Advisor: Dr. K Marcus
Melissa Marie Rogalski ................................................................. Phillipsburg, NJ
B.S., Kutztown University
Dissertation: Development of Position-Dependent Luminescent Sensors: Spectral Rulers and
Chemical Sensing Through Tissue
Advisor: Dr. J Anker

Jamie Amanda Shetzline.............................................................. Doylestown, PA
B.S., Delaware Valley University
Dissertation: Advanced Cathode Materials and Electroanalytical Techniques for Proton Exchange
Membrane Hydrogen-Oxygen Fuel Cells
Advisor: Dr. S Creager

Daniel R Willett........................................................................ Gilbertsville, KY
B.S., Murray State University
Dissertation: Synthesis and Applications of Highly Concentrated Silver Nanoparticles with an
Ultra Thin Silica Shell
Advisor: Dr. G Chumanov

Nicole Maria Barclay................................................................. Siparia, Trinidad and Tobago
B.S., South Carolina State University; M.S., Clemson University
Dissertation: Understanding Socio-Technical Interactions for Stormwater Infrastructure Planning
and Implementation
Advisor: Dr. L Klotz

Kweku Tekyi Brown ............................................................... Cape Coast, Ghana
B.S., Kwame Nkrumah University of Science and Technology; M.S., University of Connecticut
Dissertation: A Safety Analysis of Spatial Phenomena About the Residences of Drivers Involved in
Crashes
Advisors: Dr. W Sarasua and Dr. J Ogle

Diana A Chen........................................................................ Cerritos, CA
B.S., Harvey Mudd College; M.S., Clemson University
Quantitative Biomimicry
Advisors: Dr. B Ross and Dr. L Klotz

He Jin...................................................................................... Yanji, China
B.A., Yanbian University; M.S., Stevens Institute of Technology; M.S., Yonsei University
Advisor: Dr. K Piratla

Srimaruthi Jonnalagadda......................................................... Vijayawada, India
B.T., Nagarjuna University; M.T., Mangalore University
Dissertation: Artificial Intelligence and Systems Dynamics for the Assessment and Prediction of
Bridge Infrastructure Performance and Deterioration
Advisor: Dr. B Ross

Audra Ann Kiesling................................................................. Wall, TX
B.S., Texas Tech University; M.E., University of Florida
Dissertation: Public Perceptions of Individual Natural Hazard Resilience Related to the Built
Environment
Advisor: Dr. L Klotz
Civil Engineering (continued)

Frederick Eugene Paige ........................................................................................................ Binghamton, NY
B.S., M.S., Clemson University
Advisors: Dr. L Klotz and Dr. J Martin

Tao Ruan ................................................................................................................................ Zibo, China
B.S., Yantai University; M.S., Dalian University of Technology
Dissertation: Development of an Automated Electrical Impedance Tomography (EIT) System and Its Implementation in Cementitious Materials
Advisor: Dr. A Poursaei

Garrison Nicole Stevens ........................................................................................................ Salisbury, NC
B.S., M.S., Clemson University
Dissertation: Experiment-Based Validation and Uncertainty Quantification of Partitioned Models: Improving Predictive Capability of Multi-Scale Plasticity Models
Advisor: Dr. S Atamturktur

Ali Tohidi ................................................................................................................................ Tehran, Iran
B.S., Islamic Azad University; M.S., Sharif University of Technology
Dissertation: Experimental and Numerical Modeling of Wildfire Spread Via Fire Spotting
Advisor: Dr. N Kaye

Computer Engineering

Liuhua Chen ......................................................................................................................... Zhanjiang, China
B.S., M.S., Zhejiang University
Dissertation: Optimizing Virtual Resource Management in Cloud Datacenters
Advisor: Dr. H Shen

Yuhua Lin ............................................................................................................................. Yunfu, China
B.E., M.E., Sun Yat-Sen University
Dissertation: Effective and Economical Content Delivery and Storage Strategies for Cloud Systems
Advisor: Dr. H Shen

Jinwei Liu ............................................................................................................................... Wuhan, China
M.S., University of Science and Technology of China; M.S., Clemson University
Dissertation: Towards an Efficient Cloud Computing System: Data Management, Resource Allocation and Job Scheduling
Advisor: Dr. H Shen

Electrical Engineering

Karthikeyan Balasubramaniam ......................................................................................... Chennai, India
M.S., University of Vermont
Dissertation: Optimization Techniques for Modern Power Systems Planning, Operation and Control
Advisor: Dr. E Makram

Engineering and Science Education

Eliza Dargan Gallagher ....................................................................................................... Brevard, NC
B.S., M.S., North Carolina State University
Dissertation: On Becoming a Mathematics Graduate Student Teacher
Advisors: Dr. L Benson and Dr. G Potvin
Jennifer Elizabeth Van Dyken
Round Rock, TX
B.A., Southwestern University; M.S., Clemson University
Dissertation: The Effects of Mathematics Placement on Successful Completion of an Engineering Degree and How One Student Beat the Odds
Advisor: Dr. L Benson

Environmental Engineering and Science

April Renee Gillens
Eutawville, SC
B.S., North Carolina Agricultural and Technical State University; M.S., Clemson University
Advisor: Dr. B Powell

Adam R Mangel
Cambria, NY
B.S., State University of New York; M.S., Clemson University
Dissertation: Improvements to the Hydrologic Value of Ground-Penetrating Radar Data
Advisor: Dr. S Moysey

Jolanta Barbara Niedziecka
Staszów, Poland
B.S., Cracow University of Technology
Dissertation: Combined Biological and Chemical Mechanisms for Degradation of Insensitive Munitions
Advisor: Dr. K Finneran

Muriel Margaret Steele
Jones, OK
B.S., Arizona State University; M.S., Clemson University
Dissertation: Quantifying Sustainability in Wastewater Treatment: Examples in Algaculture
Advisors: Dr. D Ladner and Dr. A Anctil

Yu Xie
Shenzhen, China
B.S., China University of Geosciences; M.S., Boston College
Dissertation: Understanding the Thermodynamics of Actinide Speciation at Solid and Water Interfaces Through Self-Consistent Surface Complexation Modeling (SCM)
Advisor: Dr. B Powell

Industrial Engineering

Nadeepa Wickramage
Kottawa, Sri Lanka
B.Sc., Moratuwa University; M.S., Clemson University
Dissertation: Time Based Modeling of Storage Facility Operations
Advisor: Dr. W Ferrell, Jr.

Nazanin Zinouri
Tehran, Iran
B.S., Khaje Nasir Toosi University of Technology; M.S., Northern Illinois University
Dissertation: Improving Healthcare Resource Management Through Demand Prediction and Staff Scheduling
Advisor: Dr. K Taaffe

Materials Science and Engineering

Xiaolin Liu
Zibo, China
B.S., Shandong University
Dissertation: Synthesis of Hydrofluorocarbon Ethers and New Amorphous Fluoropolymers with Cyclic Fluorocarbonether Units
Advisor: Dr. J Thrasher
Claire Kway Poh.................................................................Charlotte, NC
B.S., High Point University
Dissertation: The Development of Polyurethane Based Solid to Solid Phase Change Materials
Advisors: Dr. P Brown and Dr. V Blouin

Bradley Matthew Schultz ..................................................Glen Ellyn, IL
B.S., Purdue University
Dissertation: Tribological Performance of Metallic and Metallic/Ceramic Films
Advisor: Dr. M Kennedy

Ying Yang .................................................................Tangshan, China
B.S., Nankai University
Dissertation: Molecular Level Design of Self-Repairable Polyurethane
Advisor: Dr. M Urban

Mathematical Sciences

Nathan Joseph Adelgren........................................Jamestown, NY
B.S., State University of New York; M.S., Indiana University of Pennsylvania
Dissertation: Solution Techniques for Classes of Biobjective and Parametric Programs
Advisors: Dr. M Wieck and Dr. A Gupte

Qijun He.................................................................Shenzhen, China
B.S., Zhejiang University; M.S., Clemson University
Dissertation: Algebraic Geometry Arising from Discrete Models of Gene Regulatory Networks
Advisor: Dr. M Macauley

Anastasia Bridner Wilson........................................Greenville, SC
B.S., North Greenville University; M.S., North Carolina State University
Dissertation: Modeling, Analysis, and Simulation of Adsorption in Functionalized Membranes
Advisor: Dr. L Jenkins

Shuhan Xu ..............................................................Hefei, China
B.S., Donghua University; M.S., Clemson University
Advisor: Dr. H Lee

Mechanical Engineering

Ali Haitham Abdelfattah Alhadidi.............................Al Salt, Jordan
B.S., M.S., University of Jordan
Dissertation: Exploiting Stiffness Nonlinearities to Improve the Performance of Galloping Flow Energy Harvesters
Advisor: Dr. M Daqaq

Wei Li....................................................................Xiantao, China
B.S., M.S., Huazhong University of Science and Technology
Dissertation: Effects of Mean Shear and Scalar Initial Length Scale on Three-Scalar Mixing in Turbulent Coaxial Jets
Advisor: Dr. C Tong
Mechanical Engineering (continued)

Xinyu Lu .......................................................... Kaifeng, China
B.E., Huazhong University of Science and Technology
Dissertation: Particle Transport Phenomena in Non-Newtonian Microfluidics
Advisor: Dr. X Xuan

Seyed Yasha Parvini Oskouei ............................................. Tabriz, Iran
B.Sc., University of Tabriz; M.Sc., Sharif University of Technology
Dissertation: Modeling, Hybridization, and Optimal Charging of Electrical Energy Storage Systems
Advisor: Dr. A Vahidi

Hamed Saeidi ...................................................... Booshehr, Iran
B.S., Shahrood University of Technology; M.S., Amirkabir University of Technology
Dissertation: Trust-Based Control of (Semi)Autonomous Mobile Robotic Systems
Advisor: Dr. Y Wang

Nianfeng Wan ...................................................... Zhengzhou, China
B.S., Tianjin University; M.S., Shanghai Jiao Tong University
Dissertation: Estimation and Control of Traffic Relying on Vehicular Connectivity
Advisor: Dr. A Vahidi

Ying Yu ............................................................... Wuhan, China
B.S., Wuhan University of Technology
Dissertation: Thermomechanical Modelling for Phonon Transport and Damping Analysis of Silicon Nano-Structure
Advisor: Dr. G Li

Photonic Science and Technology

Guancheng Gu .................................................. Changsha, China
B.S., Harbin Institute of Technology
Dissertation: Advanced Specialty Fiber Designs for High Power Fiber Lasers
Advisor: Dr. L Dong

Physics

Andrew Devon Kiene ................................................. Mobile, AL
B.S., Auburn University
Dissertation: Sounding Rocket Measurements of Vertically-Sheared F Region Neutral Winds at Sunset and Modeling of Their Effect on Spread F Development
Advisor: Dr. M Larsen

Amber L Porter .................................................. Goldsboro, MD
B.S., Lycoming College
Dissertation: Spectropolarimetry of Thermonuclear Supernovae
Advisor: Dr. M Leising

Girish Sharma .................................................... Shimla, India
B.S., M.S., Sri Sathya Sai Institute of Higher Learning
Dissertation: Topological Phenomena in Metals and Superconductors
Advisor: Dr. S Tewari

Xiaoyu Zeng ...................................................... Shanghai, China
B.S., Wuhan University of Science and Technology
Dissertation: Probing the Defect Chemistry in Single-Filled CoSb3 Skutterudites by Thermoelectric Study and DFT Calculations
Advisor: Dr. T Tritt
Health Care Genetics

Scott Emory Moore..............................................................................................................Greer, SC
B.A., Presbyterian College; B.S.N., University of South Carolina; M.S., Clemson University
Dissertation: Exploring the Interface of Genetics, Genomics, and Older Adults
Advisors: Dr. R Pruitt and Dr. B Holaday

International Family and Community Studies

Timothy Paul Hagen........................................................................................................Tirana, Albania
B.A., M.Ed., Valparaiso University
Dissertation: Attitudes Toward Marriage Among Albanians: Establishing Baseline Attitudinal
Clusters and Predictors from the 2008 European Values Study
Advisor: Dr. M Small

Dana Lee Varkis..................................................................................................................Potomac, MD
B.A., M.S.W., University of California
Dissertation: The Impact of Marital Satisfaction on the Utilization of Mental Health Services
Among Soldiers
Advisors: Dr. M Small and Dr. N Sianko

Policy Studies

George Patterson Apperson III........................................................................................Greenville, SC
B.S., University of the South; M.B.A., University of Edinburgh; M.S., Clemson University
Dissertation: Agricultural Commodity Futures Price Volatility: A Market Regulatory Policy Study
Advisor: Dr. W Bridges
CANDIDATES FOR THE EDUCATION SPECIALIST AND MASTER'S DEGREE
Jason W Osborne, Dean, Graduate School

COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

MASTER OF AGRICULTURAL EDUCATION
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Erika Taylor Pisik..............................Syracuse, NY
Callie Michelle Sluder..........................Westminster, SC

MASTER OF SCIENCE
Applied Economics and Statistics
Kamonpan Soodtoetong..........................Bangkok, Thailand

Biological Sciences
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Entomology
Anthony Martin Deczynski..........................Cranford, NJ

Food, Nutrition and Culinary Sciences
Kathryn Frances Davis............................Batesburg-Leesville, SC

Forest Resources
Christian Reid Heaton.............................Lexington, SC

Microbiology
Marco D Valera....................................Wilson, NC

Packaging Science
Richard Blake Bowen..............................Greenville, SC
Jeremy Alan Diringer............................Rochester, NY
Mackenzie Rae Lussier.............................Hingham, MA

Plant and Environmental Sciences
Sherry P Aultman..................................Seneca, SC
Kirk L Holmes................................Sulada, SC
Cengiz Koparan................................Ankara, Turkey
Winston Nickles Mirmow..........................Lexington, SC

Wildlife and Fisheries Biology
Shefali Azad.......................................Mumbai, India
Jonathan D Brooks................................Hudsonville, MI
Tyler David Geer..................................Clemson, SC
COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

MASTER OF ARCHITECTURE
Ehsan Salarikhaniki .................................................. Tehran, Iran

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Natalia Caridad Rosario ............................................. Miami, FL

MASTER OF CONSTRUCTION SCIENCE AND MANAGEMENT
Avinash Prabhu Venugopal ........................................ Chennai, India

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English
Lanja Najmalddin Karim ......................... Sulaymaniyah, Iraq
Charlotte Powell ........................................... Kingstree, SC

History
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David L Morgan ...................................................... Greer, SC
Brian Matthew Mullen ............................................. Houston, TX
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David Alexander Pattillo, Jr. ......................... Atlanta, GA
Cory Anthony Paul ................................................... Greenville, SC
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Meghan Esther Ried ................................................ Naperville, IL
Michael Blake Roberts ............................................. Atlanta, GA
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Richard Wayne Seidman ........................................ Mt Pleasant, SC
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Thomas Joseph Bickes ........................................ Atlanta, GA
Brittany Elaine Blanchard ....................................... Lorton, VA
Sara Ashley Brehmer ............................................... Greenville, SC
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David Einar Engroos ....................................... Greenville, SC
Jerusalem Estrada ......................................... Clemson, SC
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Andrew Paul Fowler ....................................... Greenville, SC
Callie Elizabeth Gettys .................................... Gaffney, SC
Zachary Smith Gorman .................................... North Andover, MA
Courtney Elena Grafmeyer .............................. Bethesda, MD
Christopher Paul Graham ............................... Summerville, SC
Frank Upton Greer V ....................................... Greenville, SC
Siqing Gui .................................................. Xi’an, China
Yuanlu He .................................................. Nanning, China
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Matthew Richard Holt .................................... Anderson, SC
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Victoria Johnson ........................................... Anderson, SC
Tiara Jones .................................................. Laurens, SC
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Taylor Marie Kacur ....................................... Red Creek, NY
Jonathan Daniel Kemp ................................... Greer, SC
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Caroline Roberts Lodge .................................. Greenville, TN
Andrew Robert Lopane ................................... Charlotte, NC
Jin Ma ..................................................... Haimen, China
Anna Catherine Martin .................................... Pendleton, SC
Brandon Philip Martin .................................... Gray Court, SC
Grant Patrick McAndrew ................................. Barrington Hills, IL
Sarah Rose Miller ......................................... Anderson, SC
Todd Brian Nakasuji ........................................ Ajax, Canada
Sharinda Lee Niskanen .................................... Greer, SC
Kealey Davis O’Conner .................................... Hendersonville, NC
Yunjing Ouyang ............................................ Hengyang, China
Katherine Nancy Poston ................................... Greenwood, SC
Grazia Dannahow ........................................... Greensboro, NC
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Catherine Brooke Smith .................................. Greenville, SC
Gina Roberta Smith ...................................... Belton, SC
Michael Thomas Swoyer ................................ Greenville, SC

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(continued)
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Jackson Quinn Terman .................................. Medford, NJ
Trevor Wilson Thompson ................................ Greenville, SC
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Kelly Louise Vanderheide ................................ Columbia, SC
William Watson Vaughan ................................ Greer, SC
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Caroline McNair Welling ................................ Columbia, SC
Christen Leigh Whitmire ................................ Easley, SC
Julia Lynn Williams ........................................ Greer, SC
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Robert William Wyatt ..................................... Greenville, SC
Qing Yang .................................................. Nanjing, China
Jiaxing Yao ................................................ Yun Cheng, China
Jared Michael Young ...................................... Greenville, SC
Zhaoyang Zhong .......................................... Liangyang, China
Mingwei Zhu ............................................... Suzhou, China

MASTER OF ARTS
Economics
William Oscar Ensor ....................................... Sparks, MD
Ghanshyam Sharma ...................................... Meerut, India
Alexandra Dinu Troidl ..................................... Greenville, SC
Tianmin Zhao .............................................. Shijiazhuang, China

Applied Economics and Statistics
Jeremy Sholzberg .......................................... Montreal, Canada

Applied Sociology
Ryan Burns .................................................. Matthews, NC
Hannah Marie Jefferies .................................... Charlotte, NC

Management
Cynthia Jean Hooks ......................................... Arlington, TX

Marketing
Dixit Naresh Bagadia ..................................... Mumbai, India
Caitlin Alain Chrisley ...................................... Simpsonville, SC
Joshua Daniel Hilliard .................................... Clymer, PA
Wan Li ..................................................... Changsha, China
Ingvar Thorsteinssson ................................... Kopavogur, Iceland
Cameron Patrick Walton ................................. Cary, NC
Xianyong Wang ............................................ Heze, China
Yuqing Wu ................................................ Greenville, SC
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EDUCATION SPECIALIST

Counselor Education

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Sarah E Fink ................................ Lawrenceville, GA
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Alyssa Marie Hess ............................ Lancaster, PA
McKenzie Alexandra Kantra ................ Fairhope, AL
Elizabeth Anne Nihart ..................... Greenville, SC
Matthew Thomas Webb ..................... Knoxville, TN

MASTER OF ARTS IN TEACHING

Middle Level Education

Taylor Nicole Davidson ....................... Greenville, SC
Mills Barker Tate ............................. Greenville, SC
Melissa E Van Heck ........................ Walhalla, SC

Secondary Education

Marissa Joy Daigle ............................. Fort Pierce, FL
Whitney Caitlin Blue Fraser ........................... Sumter, SC
Kaitlyn Francine Garrett ...................... Mountain Rest, SC
Emily Clark Holliday ........................ Greenville, SC
Karlie Jo Kunkel ............................... Summerville, SC
Jamie Ann Megna ............................ Greenwood, SC
Donald H Nickell III .......................... Greenville, SC
Andrew Phillip Niswander .................... North Charleston, SC
Steven Michael Pasternak II ................ Greenville, SC
Samuel Harris Patterson .................... Williamson, SC
London Ross Penland ....................... Spartanburg, SC
Elizabeth Ann Roberts ....................... Simpsonville, SC
Yamil Ernesto Ruiz ............................ Lyman, SC
Gabriela Sureya Samour .................... Greenville, SC
Ashlee Elizabeth Stephens .................... West Monroe, LA
Ethan Carlisle Wilson ....................... Greenville, SC

Special Education

Shuying An .................................. Changchun, China
Jaleese Akea Blake ......................... Lake City, SC
Michelle Jones .............................. Murrieta, CA
Ashley Elizabeth Lyon .................... Greenville, SC
Taylor Lee McGorry ...................... Downingtown, PA
Caitlyn Alexandra Ross .................... Sumter, SC

MASTER OF EDUCATION

Administration and Supervision

Matthew Brian Milford ....................... Donals, SC
Mary Hanna White .......................... Abbeville, SC
Emily Grice Wilson ........................ Abbeville, SC

Counselor Education

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Sarah E Fink ................................ Lawrenceville, GA
Katherine Marie Haldeman ................... Piqua, OH
Alyssa Marie Hess ............................ Lancaster, PA
McKenzie Alexandra Kantra ................ Fairhope, AL
Annie Josephine Mitchell ................... Hartland, WI
Elizabeth Anne Nihart ..................... Greenville, SC
Matthew Thomas Webb ..................... Knoxville, TN

Special Education

Faisal Saeed Aldawsari ...... Wadi Ad-dawasir, Saudi Arabia
Hayley Jordan Hoover ....................... Clemson, SC

Teaching and Learning

Kapp Augustus Abbott ....................... Greer, SC
Stephanie Ann Barksdale ................ Mountville, SC
Amanda Ann Barrett ....................... Fountain Inn, SC
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Linda Lorraine Boling ....................... Clinton, SC
Margaret Bright ................................. Woodruff, SC
Phillip Adams Dean ........................ Lauren, SC
Laura Benson Kuykendall .................. Clinton, SC
Lauren Elizabeth McClintock .............. Lauren, SC
Lisa Leigh Nelson ............................. Greenwood, SC
Kimberly Cook Pitts ........................ Clinton, SC
Deanna Rose Sefcik ........................ Greer, SC
Amanda P Sicilia ................ Simpsonville, SC
Lauren Ashley Smith ................ Simpsonville, SC
Lyndsey Brooke Smith ................... Simpsonville, SC
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Audrey Teresa Tollison ..................... Lauren, SC
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Jeffrey Martin Benedict ................... Phoenix, AZ
Dawn Marie Berndt ......................... North Richland Hills, TX
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Marvin Roderick Bostic III ................ Greenville, SC
Krisinda Brewer ............................ Seneca, SC
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Mariam Demurishvili-Thompson ................................. Greenville, SC
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Carisa Shaundrell Freeman .............................................. McCormick, SC
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Katie Cherie Geiss .......................................................... Simpsonville, SC
Kirk Allan Goeldner ........................................................ Greenville, SC
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Marykate Carly Griffin .................................................... Columbia, SC
Jessie Leigh Griffis Kiser .................................................. Central, SC
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Kelley Denise Harrison ..................................................... Irmo, SC
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Kenneth William Long ................................................... Clover, SC
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Roger Brandon Moore ..................................................... United States Air Force
Benjamin Robert Moorhead ............................................. Seneca, SC
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Jenny L Rodgers ............................................................. Brandon, FL
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Mitchell Chad Searcy ..................................................... Seneca, SC
Brandon Travis Smith ..................................................... Clemson, SC
Debasi Som ................................................................. Greenville, SC
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Demario L Watts ............................................................. Clinton, SC
Carter Wilson ............................................................... Suwanee, GA
Jonathan R Wood .......................................................... Travelers Rest, SC

COLLEGE OF ENGINEERING AND SCIENCE

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Biomedical Engineering

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Ian Patrick Forbes ....................................................... Roanoke, VA
Nicholas Fulton Freeman ............................................. Ponte Vedra Beach, FL
Megan Hanschke ....................................................... Burlington, Canada
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George Marion Seignious IV ........................................ Mt Pleasant, SC
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Industrial Engineering

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Jason Keith Barr ......................................................... Flowery Branch, GA
Jorge A Barros ........................................................... Santiago, Chile
Jeffrey Lee Bentley ....................................................... Aiken, SC
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Orlando Joseph Buria III ............................................... Greenville, SC
Kevin Joseph Cahill ..................................................... Simpsonville, SC
Michael James Childers ............................................... Tigard, OR
Adam Bo Cyranowski ................................................ Grand Rapids, MI
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Matthew Roy Daniel ..................................................... Spring, TX
Jayme Charles Ellender ............................................... Baton Rouge, LA
Fahad Farooq ............................................................. Edmonton, Canada
Bryant Dewayne Fortner ............................................... Paris, TX
Nataly E Franks ............................................................ Lima, Peru
Maria Santos Fuentes .................................................. Houston, TX
Aaron Garrett ............................................................. Greenville, SC
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Robert John Gros ........................................................ Thibodaux, LA
Brittany Foster Heusgen ............................................... Greenville, SC
Evan Patrick Higgins .................................................. Mission Viejo, CA
David Charles Hobel .................................................... Ashburn, VA
Kristen Lee Jakoves ...................................................... Phoenix, AZ
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Trent Michael Legendre ............................................... Katy, TX
Terry Leong ............................................................... Calgary, Canada
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Owen Connor Mohr ..................................................... Austin, TX
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Chunhua Qiu ............................................................... Shanghai, China
Larry Nagai Ralls ....................................................... Houston, TX
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Justin David Yucra ........................................... Jersey Village, TX

## MASTER OF FINE ARTS

**Digital Production Arts**

Wyndham James Batton ....................................... Easley, SC  
Junyan Wang .................................................. Central, SC

## MASTER OF SCIENCE

**Automotive Engineering**

Kwaku Akrofi .................................................. Lubbock, TX  
Melvin W Babbs, Jr ........................................... Burlington, NC  
Kartik Bagga .................................................. Delhi, India  
Mitchell J Beckman .......................................... Plymouth, MN  
Hiteshraj Singh Bhadaura ................................... Indore, India  
Sharath Chandra Chakravarthula ....................... Hyderabad, India  
Guang Chen .................................................... Xin Xiang, China  
Prasannita Choudhary ....................................... Deoghar, India  
Chandler Cook ................................................ Nashville, TN  
William J Copley ............................................ Harrisonburg, VA  
Abhijit Dhyani ................................................ Dehradun, India  
Shubham Dixit ................................................ Lucknow, India  
Subramanian Elavathur Ranganath ...................... Delhi, India  
Nirmal Sabu Ettuparayil .................................... Chengannur, India  
Mitchell Layne Fanning ..................................... Aiken, SC  
Jatin Goyal ........................................................ Giddarbaha, India  
Ajay Reddy Javvaji Narasimha ......................... Bangalore, India  
Naman Kashyap ................................................. Gorakhpur, India  
Aashwary Kulkarni ........................................... Sangli, India  
Pruthvi Kumar Reddy Kuppar ................................ Hyderabad, India  
Fangjian Li ...................................................... Qingdao, China  
Zefei Li ............................................................ Renqiu, China  
Yiran Liu .......................................................... Guangzhou, China  
Kyle G Martinson .............................................. Richland, WA  
Mihir S Menon .................................................. Mumbai, India  
Bhoomika Narasimhan ........................................ Bangalore, India  
Anand Patur ..................................................... Chennai, India  
Sachin Pullaikudi-Veedu ...................................... Trichy, India  
Preetam Ramesh ................................................ Chennai, India  
Harshal Rao ........................................................ Hyderabad, India  
Aaradhana Sureshkumar Rathore ...................... Nasik, India  
Vinicius Ribeiro Leao ......................................... Maceio, Brazil  
Sahil Sandhu ..................................................... Pinjore, India  
Breno Schwambach Costa .................................. Recife, Brazil  
Amrita Shah ........................................................ Mumbai, India  
Ishan Sharma ..................................................... Aligarh, India  
Pratiksha Panjabrao Shelke .................................. Pune, India  
Rohan Shrivastava .............................................. Bhopal, India  
Skylar Stamey .................................................... Landis, NC  
Roshan Sai Subburaj ............................................ Coimbatore, India

## Automotive Engineering (continued)

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Ravi Kumar Tumu ............................................. Machilipatnam, India  
Dheemanth Uppalapati ...................................... Hyderabad, India  
Sai Sruthi Venkataramanan ................................... Chennai, India  
Wei Kai Wang ................................................... Taipei, Taiwan  
Zaihao Wang .................................................... Wuhan, China  
Yan Weng .......................................................... Beijing, China  
Yuzhu Wu .......................................................... Shenyang, China  
Sagar Yadav ..................................................... Gurgaon, India  
Yang Yang .......................................................... Ningbo, China

## Bioengineering

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Alexandra F Cholewczynski ................................ Frederick, MD  
Jisele Mackenzie Green ....................................... Dripping Springs, TX  
Jorge Ivan Hernandez ......................................... Queretaro, Mexico  
Robert Frederick Marti ..................................... Wilbraham, MA  
VeeAnder Sheldonia Mealing .................................... North Augusta, SC  
Vipul Shrihari Pai Raikar ....................................... Margao, India  
Shea Bielby Ray ................................................ Greenville, SC  
Kathleen E Steckbeck ....................................... Indianapolis, IN  
Kayla Elizabeth Wilson ..................................... Sumter, SC

## Biosystems Engineering

Ning Zhang ...................................................... Shijiazhuang, China

## Chemistry

Dan Yun Dong .................................................. Seneca, SC

## Civil Engineering

Gowtham Cherukumalli .................................. Damuluru, India  
Phalguniyamuna Moganti .................................. Hyderabad, India  
Nabarjun Vashisth ............................................. Guwahati, India  
Sreeganesh Reddy Yerri ..................................... Kurnool, India  
Matthew Zettler ............................................... Winter Springs, FL

## Computer Engineering

Keerthan Jaic .................................................. Visakhapatnam, India

## Computer Science

Udit Agarwal .................................................. Gurgaon, India  
Radhika Hansraj Dhaipule ................................ Pune, India  
Senthilkumaran Dhandavel ........................................... Dharapur, India  
Christopher W Gropp ........................................ Urbana, IL  
Fangyu He .......................................................... Wuhan, China  
Aditi Jain .......................................................... New Delhi, India
Electrical Engineering
Vikas Bollapragada Subrahmanya Kothagudem, India
Andrea Alejandra Gil Barres San Salvador, El Salvador
Jonathan Christopher Herr Fort Mill, SC
Naren Nagarajan Chennai, India
Ajay Padmakumar Nagercoil, India
Sharan Rajendra Fort Mill, SC
Ryan Scott Livonia, MI
Anup Thapa Dhank, Nepal

Environmental Engineering and Science
Paola Andrea Barreto Quintero Barranquilla, Colombia
Misty J Brown Louisville, KY
Kristen Mae Carpenter Mooresville, NC
Viviana L Heim Bahia Blanca, Argentina
Stephanie Margaret Hoelbling Simpsonville, SC
Nicholas A Hotzel Myrtle Beach, SC
Kayla M Quinter Fort Loramie, OH
Paul Vecchiarelli Feeding Hills, MA
Zikai Zhou Tianjin, China

Hydrogeology
Taylor Jake Adcock Auburn, GA
Nezih Burak Akar Ankara, Turkey
Matthew D Beren West Chester, PA
Samuel Louis Muller Cumming, GA

Industrial Engineering
Ammar Ahmed New York, NY
Elizabeth Mansari Jamison Clemson, SC

Materials Science and Engineering
Joshua Jenkins Furtick Clemson, SC
Muhammad Salahuddin Kabir Dhaka, Bangladesh
Changlong Li Shaodong, China
Sai Aditya Pradeep Bangalore, India
Laura Ashley Smith Carmel Valley, CA

Mathematical Sciences
Israt Jarin Dhaka, Bangladesh
Abdullah Al Mamun Dhaka, Bangladesh
Stella C Watson Greenville, SC

Mechanical Engineering
Subramanian Annamalai Trichy, India
Phoebe Colleen Bickford Aiken, SC
Andrew James Blanton Aiken, SC
Phanendra Abhijith Challa Hyderabad, India
Saurabh Satish Deshpande Navsari, India
Carl Leland Hulseman Greenville, SC
Varun Kumar Ranchi, India

Mechanical Engineering (continued)
Kimberly Grace Ledwell Charleston, SC
Xuchen Liu Xinxiang, China
Rahul Raj Mechoor Thrissur, India
Tyler Mark Merrell Kennewick, WA
Rama Aravind Prabhakaran Coimbatore, India
Niranjan Raghavan Chennai, India
Evan Sand Clemson, SC
Tyler Matthew Schmidt Orlando, FL
Zachary Alan Thusius Vacaville, CA
Nagasai Chakravarthy Velamakuri Hyderabad, India
Darian Alexis Visotsky Bahia Blanca, Argentina
Yawn Xu Beijing, China
Yogendra Kumar Yadav Dehra Dun, India

Photonic Science and Technology
Christopher David Dunn Aiken, SC

Physics
Joseph C Denison, Jr Opelika, AL
Evan Randall Figg South Bend, IN

College of Health, Education and Human Development

MASTER OF PUBLIC ADMINISTRATION
Sadie Danielle Bertier Union Bridge, MD
Patricia Lynn Carson Greeneville, SC
Denise Michele Jones Suffolk, VA
Stephen Carl Maynard II Daphne, AL
Shaquantia Monique McDaniel Columbia, SC
Richard Blake Stone Abbeville, SC

MASTER OF SCIENCE
Nursing
Steven Mark Stewart Greenville, SC

Parks, Recreation and Tourism Management
Alice Michelle Bruesch Greensboro, NC
Madeline Barbara Duda Harrisonburg, VA

Youth Development Leadership
Alex Michael Danesco Norwood, MA
Vernon Wesley Hamilton Richmond, VA
Toby R Kirkland Gilbert, SC
Stephen W Lance Irmo, SC
Antonio L Pittman Columbia, MS
Rebecca Anne Williams Parma, OH
## Biological Sciences

- Jasqueline Onita Greene .......................................... Laurens, SC
- *Austin V Hopkins .............................................. Fair Play, SC
- **Lee Andrew Jenkins, Jr. ......................................... Greenwood, SC
- Stephanie Taylor Johannsen .................................. Fort Mill, SC
- Alexandra Omega Mitchell .................................. Piedmont, SC
- **Benjamin Eric Morgan ........................................ North Augusta, SC
- Tariq Ziad Namouz .................................................. Greenville, SC
- Patrick Gibson Rodgers ............................................. Chapin, SC
- Kerstin Summer Sanders ............................................. Charleston, SC

## Environmental and Natural Resources

- Stella Ann Huey .................................................. Taylors, SC
- Langston Paul Jones ................................................. Summerville, SC

## Food Science

- **Cameron G Hubbard ............................................... Travelers Rest, SC
- Claire Fontaine Meyer ........................................... Winston-Salem, NC
- Tabetha Leigh Woodside ........................................ Summerville, SC

## Forest Resource Management

- Jon Nichols Herndon ........................................ Lexington, SC
- Bryan Travis Yates ............................................. North Myrtle Beach, SC

## Genetics

- †Paul Arthur Stewart ................................................. Seneca, SC

## Horticulture

- Katherine Louise Hollifield .................................. Mauldin, SC
- Bryan Andrew Schlosser ........................................ Sudlersville, MD

## Animal and Veterinary Sciences

- Ashley Kate Caprio .............................................. Safety Harbor, FL
- **Elizabeth Anne Gregory ....................................... Easley, SC
- Delaney Amara Hartson ........................................ Chester, MD
- Carolena Vanessa Hunt ........................................ Union, SC
- †***Katherine Marie Neal ....................................... Beaufort, SC
- **Mallory Marianne Turner .................................. Savannah, GA
- Rebecca Lynn Watson ........................................ Chesterfield, SC

## Packaging Science

- Devaun Bryngelson Austin-Walker ............ Summerville, SC
- Andrew Zachary Baker .................................... Mt Pleasant, SC
- Cameron Elizabeth Clary ................................ Mauldin, SC
- Tanner L. Fogle ..................................................... Orangeburg, SC
- Jacob Rhyne Sloop ........................................... Spartanburg, SC
- Earl Michael Watford, Jr. ....................................... Piedmont, SC

## College of Agriculture, Forestry and Life Sciences

- George R Askew, Dean

## Bachelor of Arts

### Biological Sciences

- Merrick Weaver Dunn ........................................... Charleston, SC
- Ashley Taylor Fox .................................................. Charleston, SC

## Bachelor of Science

### Agribusiness

- Christopher Victor Cortina .................................. Spartanburg, SC
- Thomas J Deogburn ............................................. Charleston, SC
- Melissa Sue Johnes ................................................. Johnston, SC

### Agricultural Education

- Chloe Rae Babcock ................................................ Nashville, MI
- Corey Marklin Gaskins ........................................ Bonneau, SC

### Agricultural Mechanization and Business

- Randall McCallum Arnold .................................. Union, SC
- Cody Allen Gasque ................................................ Latta, SC
- Justin Andrew Long ............................................... Leesville, SC
- Tyler Donald Looper ........................................... Branchville, SC
- James Andrew Smith II ............................................ York, SC
- Thacker Dean Staley ............................................ Orangeburg, SC
- Kyle Jordan Tisdale .............................................. Anderson, SC

### Animal and Veterinary Sciences

- **Ashley Kate Caprio .............................................. Seneca, SC
- **Elizabeth Anne Gregory ....................................... Easley, SC
- Delaney Amara Hartson ........................................ Chester, MD
- Carolena Vanessa Hunt ........................................ Union, SC
- †***Katherine Marie Neal ....................................... Beaufort, SC
- **Mallory Marianne Turner .................................. Savannah, GA
- Rebecca Lynn Watson ........................................ Chesterfield, SC

### Biochemistry

- †Paul Arthur Stewart ................................................. Seneca, SC
COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES
Richard E Goodstein, Dean

BACHELOR OF FINE ARTS
Visual Arts
Alisha Peterson ................................................. Detroit, MI
*Emily McKenzie Tucker .................................. Anderson, SC
Ellen Marie Wesly ............................................. Springfield, IL

BACHELOR OF ARTS
Architecture
Lea Coundoussias .............................................. Greenville, SC
Camden Stuart Muldrow .................................... Mt Pleasant, SC
Julian Thomas Owens ....................................... Augusta, GA

Communication Studies
Emily Marie Arnson ........................................ Rock Hill, SC
Carlee Lynn Chapin ......................................... Sacramento, CA
Abigail Altman Pascutti ..................................... Mt Pleasant, SC
Morgan D Williams .......................................... Sevener Park, MD

English
William Dallas Childers .................................. Hickory, NC
Daniel Bartlett Collins ...................................... Silver Spring, MD
*Anna Blake Keeley ......................................... Shelby, NC
Joseph John Maloney, Jr. ................................. Greenville, SC
Ian A Seale .................................................... The Woodlands, TX

History
Brandon J Balevre .......................................... Leetonia, OH
**Claire Marie Coward ...................................... Highlands, NC
Kimberly Hiott ................................................ Walterboro, SC
Lewis Hayden Maxey ....................................... Loris, SC

Language and International Trade
†*John Joseph Jeffcoat Mészáros .................. Caracas, Venezuela
LeAnna Brooks Lennon ................................. Greenville, SC

Modern Languages
**Lauren B Dailey ........................................... Midlothian, VA
John Vincent Dutch .......................................... Greenville, SC
Merritt Michael McCully ................................. Charlotte, NC
Carola Pederzani ............................................. Brescia, Italy
*Hallie Anne Simmons ................................. Anderson, SC

Philosophy
Grayson Lee Truslow ...................................... Little River, SC

Production Studies in Performing Arts
Michael George Poda ........................................ Aiken, SC

BACHELOR OF SCIENCE
Construction Science and Management
Jordan LaVis Jeffcoat .................................. North, SC
Gabriel Antwoine Lightner ............................... Chester, SC
Tanner James McLellan ...................................... Irmo, SC

LANGUAGE AND INTERNATIONAL HEALTH
(Language and International Health is jointly administered by the College of Architecture, Arts and Humanities and the College of Health, Education and Human Development.)
Jada Alysia Jones ........................................ Macon, GA
Taylor Zade Stenback .................................... Conway, SC
Allison Brooke Watkins ................................. Fort Mill, SC

COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE
Robert E McCormick, Dean

BACHELOR OF ARTS
Economics
***Aline Abderhalden ........................................ Central, SC
**Mathilde Brigitte Demey ............................... Summerville, SC
William Russell Galvin ............................... Charleston, SC
Tianqi Li ...................................................... Beijing, China
Joseph John Maloney, Jr. ................................. Greenville, SC
Gaia Nencini .............................................. Pisa, Italy

Political Science
Brandon Cody Adams ...................................... Greenville, SC
Saray Espino ................................................. Walhalla, SC
Connor Jay Ex-Lubeskie ................................. Goose Creek, SC
Benjamin Boylston King ................................ Camden, SC
Patrick Stephen Munley .................................. Simpsonville, SC
Scott Patterson Snow ...................................... King, NC

Psychology
Angela Christine Garren .................................... Pickens, SC
Joseph Dinson Glass IV ................................... Charlotte, NC
Aida Ibanez ................................................ Barcelona, Spain
Joan Lucille Ounanian ..................................... Houston, TX
*Natalie Vanelli ........................................ Santo Domingo, Dominican Republic

Sociology
Alexis Brittanie Aikens .................................... Charleston, SC
Kelsey M Austin ......................................... Hanahan, SC
Caroline McNair Rhodes ................................ Charleston, SC
BACHELOR OF SCIENCE

Accounting
Andrew Griffin Agius.................................Orangeburg, SC
Michael Barrett Challenger........................Greer, SC
Kyle David Eubanks.................................Moore, SC
Laura Ann Fulp........................................Lexington, NC
Andrew Patrick Mahoney................................Seneca, SC
*Grant G McMillan..................................Anderson, SC
Jonathan Taylor Siris................................Suwanee, GA

Anthropology
Megan Chandler Smith...............................Anderson, SC

Economics
Sean Cahill..............................................Orange, CT
Evan Michael Campbell..............................Anderson, SC
Cody Scott Gibson.....................................Fort Mill, SC
Blake Van Kennedy..................................Spartanburg, SC
Caleb Andrew Mahaffey...............................Millersville, MD
Richard Eugene Miller, Jr............................Central, SC
William Thomas Tidwell.............................Charleston, SC

Financial Management
Arianna Theresa Laurenza...........................North Andover, MA
Stephen Thomas Livingston........................Easley, SC
Paul Frank O'Donnell, Jr..............................Wayne, NJ
Zachary J Romano.......................................Huntingdon, PA
David Alexander Whitaker........................Lexington, SC

Graphic Communications
Hua Li.....................................................Shanxi, China
Rudolph Tillmon, Jr.......................................Columbia, SC
Barney Whitworth Williams, Jr....................Greenville, SC
Margaret Anne Williams.............................Annapolis, MD

Management
Benjamin Hughes Berger..............................Rock Hill, SC
Gary William Berry II...............................Orangeburg, SC
Matthew Cody Blackwell............................Columbia, SC
Ashaley Chrishton Bootwright......................Saluda, SC
Clara Amanda Bodie..................................Camden, SC
Jack Edward Bowling................................New Orleans, LA
William H Burke......................................Clemson, SC
Emily Ann Carlton....................................Clemson, SC
Lucas Paige Carlton..................................Columbia, SC
William Gregory Coggins, Jr........................Greenville, SC
Phoebe Marie Cullerot................................Nashua, NH
Alexandra Lavan Cumbee............................Easley, SC
Blair Beekman Derrick...............................Ridge Spring, SC
Kaitlyn Marie Doherty...............................Hingham, MA
Adam Myles Doud......................................Seneca, SC

Management (continued)
Adam Thomas Duncan...............................Pendleton, SC
Steven Walter Dybus, Jr..............................St Louis, MO
James Christopher Eskew...........................Mt Pleasant, SC
Pedro Junior Garcia.................................Greenville, SC
Joshua Harrison Greene.............................Rock Hill, SC
George Hayden Hadley..............................Greenville, SC
Rachel Mikaela Hagerty..............................Greer, SC
Ryan Michael Haney................................Houston, TX
Garth Kenton Hill....................................Chapin, SC
Stacy Michelle Jones.................................Timmonsville, SC
Connor Larkin Lanier.................................Central, SC
Taylor Blue Limbach................................Brevard, NC
Bennett David Love..................................Charleston, SC
James Arthur Mann III..............................Walhalla, SC
Parker Clarence McMillan..........................Lexington, SC
Harrison Robert Miller...............................Canton, GA
John Patrick Mohan..................................Marietta, GA
Katie C Nissen..........................................York, SC
Ashten Nicole Oldaker...............................Bainbridge, GA
Gregory David Outlaw...............................Stafford, VA
Patricia Leigh Pascutti...............................Columbia, SC
Sara Elizabeth Pate.................................North Augusta, SC
Allyssa Margaret Priester............................Ravenel, SC
Fouad Maher Qubti....................................Easley, SC
Nadeen Maher Qubti.................................Easley, SC
Pamela Jean Sanders.................................Townville, SC
William Earl Seigler III.............................Summerville, SC
Brandon Julius Thompson...........................Thomasville, GA
Spencer R Thompson.................................Seneca, SC
Adam Justin Tocci, Jr.................................Stow, MA
Jordan Ryan Tuck.....................................Mt Pleasant, SC
Austin Blake Watt.....................................Marietta, GA
Chandler Paul Wells..................................Wellford, SC
Tressi Rwanda Wilhite................................Timmonsville, SC
Zachary Thomas Wing..............................Rochester, NY

Marketing
Valerie Jane Banks.................................St Pete Beach, FL
Megan Elizabeth Byrnes.............................Cranford, NJ
James Robert Couch III.............................Greenville, SC
Ann M Marchetti......................................Richmond, VA
Brandon Matthew Reese............................Greenville, SC
 Ericka Nicole Styles.................................Greenville, SC
Yao Tong.............................................Wenzhou, China
Joshua Logan Whetsell.............................Columbia, SC

Political Science
Stephen Andrew Roskam II........................Wheaton, IL
Clarence Ross Turner IV............................Greenville, SC
Psychology

*Blair Elizabeth Cody .................................. Charleston, SC
Erin Mairead Crean...................................... Atlanta, GA
†**Cameron Nichole Drummond .................... Taylors, SC
Courtney Ellen Kramer ................................ Fort Mill, SC
Zachary Cole Leal .................................... Rancho Cucamonga, CA
Rebecca Claire Lenti .................................. Columbia, SC
Alicia Marie Macdougal ................................. Anderson, SC
Daniel Drew Massett .................................. Acworth, GA
Lauren A Sheriff ....................................... Liberty, SC
Katherine Chandler Simpson ......................... Charlotte, NC
Annabelle E Sudduth .................................. Pickens, SC
Marissa Leigh Sumwalt ................................. Beaman, IA
†Lauren Michelle Van Dam ............................. Sharon, MA

Sociology

Jaron Samuel Blossomgame ............................ Atlanta, GA
Ashley Fay Brown ..................................... Columbia, SC
Erich Ronald Budemann ................................. Greenville, SC
Rebekah Jane Phillips ................................. Winsboro, SC
Kyle Rogers Whitman .................................. Ridgeway, SC
Spencer Alexandra Wilson ............................. Laurens, SC
Kamisha Sherrelle Wright ............................ Spartanburg, SC

EUGENE T. MOORE SCHOOL OF EDUCATION

George J Peterson, Dean

BACHELOR OF ARTS

Special Education

**Claire Marie Krietemeyer .......................... Columbia, SC

COLLEGE OF ENGINEERING AND SCIENCE

Anand Gramopadhye, Dean

BACHELOR OF ARTS

Chemistry

Jennifer Lynne Warnock ............................... Roebuck, SC

Computer Science

Matthew Ray Joyner .................................. Charleston, SC
Thomas Scott Rapp .................................. Aiken, SC
James Emerson Smith III .......................... Columbia, SC

Mathematical Sciences

Sarah Elizabeth Pence ................................. Fort Mill, SC

BACHELOR OF SCIENCE

Bioengineering

Robert Edward Elvington III ....................... Florence, SC
Paul Fang ............................................ Central, SC
Trapier Keith Marshall IV .......................... Mt Pleasant, SC

Chemical Engineering

Stephen Brent McJunkin .............................. Seneca, SC

Civil Engineering

*Timothy Joseph Cornnell, Jr. ......................... Myrtle Beach, SC
Jennifer Marie Duhan ................................. Greenville, SC
Yahya Mahmoud El Rifahi ............................ Greenville, SC
Hannah Elizabeth Hoffman .......................... Houston, TX
Anthony Todd Self, Jr. ............................... Winnsboro, SC

Computer Engineering

Joel Brian Baker, Jr. .................................. Columbia, SC
Chandler Gantt Coffman ............................... Central, SC
Scott William Groel .................................. Roxbury, NJ
Isiah Vincent Hamilton IV ........................... Columbia, SC

Computer Information Systems

Bradley O’Neal Briggs ................................. Summerton, SC
Chiderah Onyeukwu ................................. Dacula, GA

Computer Science

Ryan M Baxley ........................................ Greenville, SC
Daniel Heath Branum ................................. Spartanburg, SC
Julian Shaw Dixon .................................... Sumter, SC
Matthew Alan Lollis ................................ Greenville, SC
Edward Vaden Parham IV ......................... Locust Grove, GA
Stephen Connor Pickard ............................. Duluth, GA
Peter Ryan Schatteeman ............................ Simpsonville, SC
Dominic Martin Sieron ............................... Greenville, SC
Evan Connor Waylett ................................. Simpsonville, SC
*William Devin White ............................... Murrells Inlet, SC

Electrical Engineering

Courtney Jelisa Davis ................................. Florence, SC
Peter Howard Gallagher ............................. Lexington, SC
Andrew Guy Giugliano ............................... Suffolk, VA
Nicolas Chase Lanier ................................. Charlotte, NC
Thomas Richard Scott, Jr. ........................ Keystone Heights, FL
Nathaniel Charles Williams ........................ Pendleton, SC

Environmental Engineering

Jonathan Barlow Degen .............................. Orangeburg, SC
Andrew Joseph Keough ............................... Columbia, SC
Simone Matteo Silvagno ............................. Charlotte, NC
Geology

Justin Ward Earnhart ........................................ Lugoff, SC
Thomas Carroll King ........................................ Lexington, SC
Dalton Miles McCaffrey ..................................... Bluffton, SC
Christopher Bryan Slocum ................................ Walterboro, SC
Rafael Adrian Villanueva .................................. Fairfax, VA

Industrial Engineering

Aliah Rose Abusamra ......................................... Fort Wayne, IN
Nequan Devante Brown ...................................... Walterboro, SC
Yi Chen ......................................................... Laurens, SC
Allan Taylor Hubbard ....................................... Maryville, TN
John Wilson Jarrett ........................................ Raleigh, NC
Connor Ellen Quattlebaum ................................ Harleyville, SC
Owen Christopher Saul ..................................... Fairfax Station, VA
Eric Andrew Trofatter ...................................... Columbia, SC

Materials Science and Engineering

James Matthew Dillon, Jr. ................................. Mt Pleasant, SC
*Leslie Kennedy Sanders ................................. Myrtle Beach, SC

Mathematical Sciences

William Andrew Broughton ................................. Eutawville, SC
Rachel Lee Klauber .......................................... Anderson, SC
*William Devin White ....................................... Murrells Inlet, SC
***Katy Marie Wrenn ....................................... Cordesville, SC

Mechanical Engineering

Matthew Perry Anderson .................................. Irmo, SC
Alejandro Ariza ................................................. Simpsonville, SC
Douglas Alexander Bridgeman ......................... Greenville, SC
†Christian Wells Brumme .................................. Charleston, SC
Matthew Clay Buse .......................................... Charleston, SC
Mason Lewis Cannon ...................................... Irmo, SC
Mark Andrew Connolly ..................................... Simsbury, CT
David Anthony Denton ..................................... Fort Mill, SC
Bryson Davis Fuller ......................................... Florence, SC
Ronald Eugene Funderburke III ......................... Kings Mountain, NC
Kevin Christopher Hardjono ............................. Decatur, GA
Matthew MacFarlane Heacox ......................... Spartanburg, SC
Nathan Agustine Huber .................................... Charleston, SC
Connor Cloudman Keating ................................ Herndon, VA
Talha Khalid ..................................................... Greenville, SC
Dominic Michael Kuhrau ................................... Lexington, SC
Taylor Lee Langston ......................................... Dillon, SC
Kawin Laukaikul .............................................. Bangkok, Thailand
Elijah Thomas Lewis ........................................ Greenwood, SC
*Alexandra Paige Maass ................................ Ridgeway, SC
Richard Furman Matthews ............................... Leesville, SC
Kristopher James McCulloch ............................. Taylors, SC
Joseph N Moussad .......................................... Cairo, Egypt

Mechanical Engineering (continued)

Isaac Anthony Pearson ....................................... Summerville, SC
Carlos Francisco Ramirez .................................. Long Beach, CA
Charles Grey Roberts ....................................... West Columbia, SC
Connor Douglas Shull ...................................... North Augusta, SC
**Gilbert Tyler Smolenski ................................ Oakland, NJ
Jonathon Franklin Trousdell ............................. Spartanburg, SC
Jeffrey Edward Vahey ...................................... Surfside Beach, SC
Brandon Steven White ..................................... Johns Island, SC

Physics

Zachary Alec Yaeger ......................................... Eutawville, SC

COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

BACHELOR OF SCIENCE

Health Science

Courtney Elizabeth Fallon .................................. Shrewsbury, MA
Casey Richard Harman ..................................... South Burlington, VT
Kayla Ann Hines .............................................. Spartanburg, SC
Ashley Alise Justice .......................................... Greenville, SC
Erin Suzanne Lang ........................................... Greenville, SC
Amy Elaine Ringley .......................................... Easley, SC
Kevin James Williamson, Jr. ............................. Chicago, IL
***Karen Renee Wortham ................................ Anderson, SC

Nursing

James Henderson Abrams .................................. Anderson, SC
**Tracey Carr Ale ............................................. Clemson, SC
Hilary Elise Altman .......................................... Clemson, SC
*Lauren Brice Bair ............................................. Darlington, SC
*Christine Marie Beaudoin ................................ Greenville, SC
Megan Theodora Boyles .................................... Central, SC
Brooke Morgan Broome ..................................... North Augusta, SC
**Evan Hunter Brown ........................................ Walhalla, SC
***Juanita Michelle Brown ................................ Easley, SC
Kimberly Brooke Buchanan ................................. Six Mile, SC
***Elizabeth Amber Cagle ................................. Piedmont, SC
*Christine Susan Cain ...................................... Seneca, SC
*Toby Jay Chupp .............................................. Seneca, SC
***Wendy Leigh Clark ........................................ Spartanburg, SC
*Deborah Brooke Coffey Brock .......................... Piedmont, SC
***Andrea Jane Crowe ....................................... Easley, SC
***Jessica Marie DaMitz ..................................... Easley, SC
*Brooke Ellyn Donald ...................................... Central, SC
Nicole Marie Downs .......................................... Six Mile, SC
Michelle Nicole Gale .......................................... Easley, SC
Jennifer Lynn Grimes .................................... Clemson, SC
*Remona Beth Gudeman ................................... Lake Wylie, SC
Students wearing red, white and blue cords are recognized as active duty military and graduating veterans.

Students wearing the white stoles over their gowns are graduating with a 3.00 or better grade-point average. Those who are members of university recognized honorary societies may have the names of those societies embroidered on one side of the stole with the university seal embroidered on the other side.

Students wearing the white stoles over their gowns are graduating with a 3.00 or better grade-point average. Those who are members of university recognized honorary societies may have the names of those societies embroidered on one side of the stole with the university seal embroidered on the other side.

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**The University Regalia**

The university mace is the symbolic representation of the whole of Clemson University and must be present at any convocation where the University, through its delegated members, is acting officially. At any official convocation such as commencement, the university marshal, carrying the mace, precedes the president into the assembly. The mace rests before the president’s chair or speaker’s stand throughout the ceremony, and its removal from the assembly at the close of a convocation is symbolic of the official withdrawal of the University and, thus, the close of the proceedings.

The decorative design of Clemson’s mace is derived from the ceremonial maces carried by heads of the state and church in the Middle Ages. Its basic club-like shape, however, is much more ancient, probably going back to man’s prehistory. It is made of walnut wood and silver, with Clemson’s seal in gold and the university colors represented by insets of carnelian (orange) and amethyst (purple). Amethyst is also the state stone of South Carolina.

The presidential chain and seal is symbolic of the authority vested in the office of president by the governing body of the University. Only the university president may wear it, and while wearing it, he speaks for the whole body of the institution. Clemson’s chain and seal are made of silver and gold, and carnelian and amethyst.

The batons of the college marshals also descend from medieval “staffs of office,” which were carried by the senior members of departments of state or church. They display the university seal and the symbolic color of the discipline to which the college belongs. Clemson’s batons are made of walnut wood and silver with the various disciplines inset with enamel.

The Clemson University regalia were designed and executed by Mr. Robert Ebendorf. Mr. Ebendorf is twice winner of the Tiffany Award and one of the most acclaimed goldsmiths of our era. The enamel plaques for the batons were executed by the late Professor Marshall C Bell, and the lapidary work was executed by the late Mr. C C Wilson of Clemson University.

**Historical Statement**

Clemson University is named for Thomas Green Clemson (1807–1888), who left the bulk of his estate to the state of South Carolina for the founding of the institution.

Thomas Clemson was born in Philadelphia in 1807 and educated at the Royal School of Mines in Paris (1828–1832). His early profession was that of a mining engineer; however, circumstances diverted his interests into politics and the life of a southern planter, and he soon became an enthusiastic advocate of scientific agriculture. He had a career as a diplomat (chargé d’affaires to Belgium, 1844–1852) and served as the first superintendent of agricultural affairs in Washington (1860). As a scientist he published numerous articles in the fields of mining, chemistry and agriculture. His varied activities included his assistance in the founding of the Maryland Agricultural College, his support of the Morrill Act, his leadership in South Carolina after the Civil War, and his part in founding Clemson University.

Thomas Clemson was the son-in-law of John C Calhoun, a South Carolina political figure of national importance during the first half of the nineteenth century. Mr. Calhoun’s home, Fort Hill, is preserved on the Clemson campus as a national shrine.

The academic program at Clemson College began in 1893 with an enrollment of 446. The first “college prospectus” announced only two four-year curricula, supplemented by two two-year preparatory courses. Today the University has six major academic units. These are the College of Agriculture, Forestry and Life Sciences; the College of Architecture, Arts and Humanities; the College of Business and Behavioral Science; the College of Engineering and Science; the College of Health, Education and Human Development; and the Graduate School.

Clemson University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the bachelor’s, master’s, education specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097 or call at 404-679-4500 for questions about the accreditation of Clemson University.

Curricula are accredited by AACSBI International (Association to Advance Collegiate Schools of Business), Accreditation Board for Engineering and Technology, American Council for Construction Education, American Dietetic Association (CADE), American Society of Landscape Architects, Commission on Collegiate Nursing Education (CCNE), Council for Accreditation of Counseling and Related Education Programs (CACREP), National Architectural Accrediting Board, National Association of Schools of Art and Design, National Council for Accreditation of Teacher Education, NRPA/AALR Council on Accreditation, Planning Accreditation Board, and Society of American Foresters. Documentation of accreditation is available in the college deans’ offices.

Clemson is a land-grant institution. As such, it is engaged not only in its primary academic program, but does extensive research at the main campus and at five agricultural experiment stations located in the state. The University is also heavily committed to a varied program of public service, including the work of agricultural extension, which has professional personnel located in each of the state’s counties.
Clemson Alma Mater

Farmer and McGarity/arr. Freeman

Where the Blue Ridge yawns its greatness,
   Where the Tigers play;

Here the sons of dear old Clemson
   Reign supreme alway.

Chorus
Dear old Clemson, we will triumph
   And with all our might,

That the Tiger’s roar may echo
   O’er the mountain height.

We will dream of greater conquests,
   For our past is grand,

And her sons have fought and conquered
   Every foreign land.

Where the mountains smile in grandeur
   O’er the hill and dale.

Here the Tiger lair is nestling
   Swept by storm and gale.

We are brothers strong in manhood,
   For we work and strive;

And our alma mater reigneth
   Ever in our lives.