

8-2016

# Clemson Commencement Program, August 2016

Clemson University

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# Clemson University Graduation Exercises



### **CONGRATULATORY APPLAUSE**

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You are requested to refrain from loud expressions of pleasure for individual graduates.  
Such expressions frequently detract from the recognition due the next graduate in line.

Your cooperation is respectfully requested.

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# 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.)

## RECESSONAL

## TIGER RAG

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## BOARD OF TRUSTEES

E Smyth McKissick III, Chair.....	Easley, SC
John N McCarter, Jr., Vice Chair.....	Columbia, SC
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D Leslie Tindal .....	Pinewood, SC
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### Executive Secretary to the Board of Trustees Executive Director for Governmental Affairs

Angie E Leidinger

## ADMINISTRATIVE OFFICERS

James P Clements .....	President
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Robert H Jones .....	Executive Vice President for Academic Affairs and Provost
George R Askew Jr. ....	Vice President for Public Service and Agriculture
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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 Diversity Officer
WC Hood, Jr.....	General Council 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

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## 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

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## THE ACADEMIC PROCESSION

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.

COLLEGE	COLORS	DISCIPLINE
Agriculture, Forestry and Life Sciences	Maize Brown Golden Yellow	Agriculture Forestry Life Sciences
Architecture, Arts and Humanities	Lilac Brown White Dark Blue	Architecture Arts Humanities Philosophy
Business and Behavioral Science	Drab Copper Peacock Blue Cream	Accounting and Business Economics Public Administration Social Sciences
Engineering and Science	Orange Golden Yellow	Engineering Science
Health, Education and Human Development	Light Blue Apricot Cream	Education Nursing Social Sciences
Library	Lemon Yellow	Library
Staff	Purple and Orange	Academic Support
Faculty Senate	Purple and White	Instruction

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# 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

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## 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  
Dissertation: Essays on Empirical Monetary and Financial Economics  
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

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## 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

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## Educational Leadership (continued)

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

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## Bioengineering (continued)

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 Vyawahare

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 Vyawahare

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

---

## Chemistry (continued)

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

## Civil Engineering

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  
Dissertation: The Adaptable Growth of Seashells: Informing Infra/Structural Design Through 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  
Dissertation: Decision-Making Guidance for Selecting Culvert Renewal Techniques  
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

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### Civil Engineering (continued)

Frederick Eugene Paige ..... Binghamton, NY  
B.S., M.S., Clemson University  
Dissertation: Learning To and From Energy Efficient Home Design; How Does Energy Efficient Home Design Influence Societal Energy Literacy  
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

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## Engineering and Science Education (continued)

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  
Dissertation: Characterization of Tributyl Phosphate Degradation Using FTIR-ATR Spectroscopy and Carbon Stable Isotope Ratio Mass Spectrometry  
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 Niedzwiecka .....Staszów, Poland  
B.S., Cracow University of Technology  
Dissertation: Combined Biological and Chemical Mechanisms for Degradation of Inensitive 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 Algaiculture  
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

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### Materials Science and Engineering (continued)

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 Wiecek 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

Jason Lee Joyner.....Clover, SC  
B.S., M.S., Clemson University  
Dissertation: A New Look at Matrix Analytic Methods  
Advisor: Dr. B Fralix

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  
Dissertation: Numerical Study for Non-Newtonian Fluid-Structure Interaction Problems  
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

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## 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 CoSb<sub>3</sub> Skutterudites by Thermoelectric  
Study and DFT Calculations  
Advisor: Dr. T Tritt

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## COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

### DOCTOR OF PHILOSOPHY

#### 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

## GRADUATE SCHOOL

### DOCTOR OF PHILOSOPHY

#### 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

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# 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

Lynn Rentz Adcox.....	Pinopolis, SC
Erika Taylor Pisik .....	Syracuse, NY
Callie Michelle Sluder .....	Westminster, SC

#### MASTER OF SCIENCE

##### Applied Economics and Statistics

Kamonpan Soodtoetong.....	Bangkok, Thailand
---------------------------	-------------------

##### Biological Sciences

Chrystal Lee Abbott .....	Lakeville, MA
Julie Anne Allender .....	Rancho Cucamonga, CA
Chandra Erin Christian .....	Boca Raton, FL
Scott Bernard Fraundorf .....	Wood River, IL
Robert L Gant.....	Eatontown, NJ
Kathryn Mulholland Harris.....	Pepperell, MA
Kelly Elise Hogan.....	Orono, MN
Elizabeth Crowe Jackson.....	Forest City, NC
Jessika Rae Jamski.....	Robertsville, MO
Antonio Kim .....	Burbank, CA
Michelle Xan Kucejko.....	Athens, AL
Mandana LaGreca .....	Huntersville, NC
Melissa Bonner Lawler .....	Raleigh, NC
Michelle M Leone.....	Fairview, PA
Jonathan Lloyd Littler.....	Lima, OH
Jarod D Lynn .....	Kennesaw, GA
Katherine Renee Macrellis.....	Ooltewah, TN
Matthew R Mayer .....	Newburgh, NY
Heidi Rose McGee.....	La Plata, MD
Sarah Elizabeth Michaelson .....	Coralville, IA
Tammy Ann Miller .....	South Williamsport, PA
Andrew J Morency .....	Martin, TN
Shawn David Mustain .....	Humble, TX
Frank G Pietropollo.....	Old Bridge, NJ
Anna Kathleen Rakes .....	Fieldale, VA
Brittany M Rigelwood.....	Savannah, GA
Michelle Lynne Rock .....	Frederick, MD
Stephanie Lynn Rogers.....	Clemson, SC
Amber Lea Romaine .....	Nashville, TN
Gino Rose .....	Pompton Lakes, NJ
Christopher Darrell Ryan .....	Louisville, KY
Alexey Alexandrovich Skachkov .....	Canton, GA

##### Biological Sciences (continued)

Jessica Christina Slisher.....	Fort Myers, FL
Amy Lynn Strickland .....	Piscataway, NJ
Arisa Stritch-Johnson .....	Fredericksburg, VA
Brian Ross Tennal.....	Clinton, MO
Chelsea Kathleen Smith Thompson .....	Albany, GA
Seannine Marie Tveit .....	Fairhaven, MA
Elizabeth Moore Wilson .....	Smiths Grove, KY
Stacey Lynn Wong .....	Chattanooga, TN
Alyssa Mae Worbetz .....	New Egypt, NJ
Caitlyn Elizabeth Zechman.....	Hershey, PA

##### Entomology

Anthony Martin Deczynski.....	Cranford, NJ
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##### Food, Nutrition and Culinary Sciences

Grace Westover Couch.....	Watertown, NY
Kathryn Frances Davis.....	Batesburg-Leesville, SC

##### Forest Resources

Christian Reid Heaton .....	Lexington, SC
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##### Microbiology

Marco D Valera.....	Wilson, NC
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##### 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 .....	Saluda, SC
Cengiz Koparan .....	Ankara, Turkey
Reid McKie Miller .....	Edgefield, SC
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

Emily Elizabeth McGowan ..... Carmel, IN  
Ehsan Salarikhaniki ..... Tehran, Iran

### MASTER OF CITY AND REGIONAL PLANNING

Zulfiya Abdukhalikova ..... Astana, Kazakhstan  
Elham Masoomkhah ..... Tehran, Iran  
Ashley B Pruitt ..... Seneca, SC  
Natalia Caridad Rosario ..... Miami, FL  
John Wesley Taylor, Jr. ..... Wadmalaw Island, SC

### MASTER OF CONSTRUCTION SCIENCE AND MANAGEMENT

Avinash Prabhu Venugopal ..... Chennai, India

### MASTER OF ARTS

#### English

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

#### History

Spencer Walton York ..... Fairhope, AL

## COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

### MASTER OF BUSINESS ADMINISTRATION

Onwuamaeze Okwubanego Agu ..... Simpsonville, SC  
Stephen L Aiken ..... Easley, SC  
Grant A Allard ..... Travelers Rest, SC  
Euleta Florentina Hagins Alston ..... Simpsonville, SC  
Leigh Trouchet Bailey ..... Greenville, SC  
Daniel Walter Belouin ..... Spartanburg, SC  
Joshua David Benore ..... Greenville, SC  
Nathaniael Garcia Bolt ..... Boiling Springs, SC  
John David Boyd ..... Greenville, SC  
Willson Dale Buchanan ..... Charlotte, NC  
Philip John Buck II ..... Greenville, SC  
Matthew Cassabon ..... Greenville, SC  
Theresa Blair Childs ..... Atlanta, GA  
Melissa Patrice Clampitt ..... Oxford, MI  
Mark Van Crook, Jr. ..... West Union, SC  
Kyle Warren Cutler ..... Seneca, SC  
Devin Richard Deangelis ..... Anderson, SC  
Christopher Michael Duane ..... Irmo, SC  
Jason Ryan Eargle ..... Charleston, SC

### MASTER OF BUSINESS ADMINISTRATION

(continued)

Charles Chinyeaka Eke ..... Greenville, SC  
John Paul Fix ..... Spartanburg, SC  
Matthew Sean Goddard ..... Daniel Island, SC  
Sandra Eckard Hammack ..... Greenville, SC  
Charles Lawrence Haritos ..... Kennebunk, ME  
Christina Marie Herd ..... Travelers Rest, SC  
Timothy Adam Hess ..... Greenville, SC  
Trey Rhame Honeycutt ..... Charleston, SC  
Robert Lewis Howell IV ..... Clemson, SC  
Tyler Scott James ..... Laurens, SC  
Justin Levi Kofoed ..... Lake Forest Park, WA  
Michael James LaPierre ..... Pickens, SC  
Chelsea Leigh Marsh ..... Adamstown, MD  
David James Mason ..... Mauldin, SC  
Blakely Elizabeth Mattern ..... Greenville, SC  
Matthew Aaron McCall ..... Charlotte, NC  
Thomas Cornelius McFadden, Jr. ..... Greenville, SC  
Jon Valiant Moldovan, Jr. ..... Charlotte, NC  
David L Morgan ..... Greer, SC  
Brian Matthew Mullen ..... Houston, TX  
Gabriel Noguera Colberg ..... Caguas, PR  
David Alexander Pattillo, Jr. ..... Atlanta, GA  
Cory Anthony Paul ..... Greenville, SC  
Daniel Scott Peters ..... Mt Pleasant, SC  
Jeremy Shane Powell ..... Greenville, SC  
Meghan Esther Ried ..... Naperville, IL  
Michael Blake Roberts ..... Atlanta, GA  
Sherri Patterson Rowland ..... Liberty, SC  
Thomas L Russell ..... Greenville, SC  
James George Saliagas ..... Greenville, SC  
Bud Ryan Sanson ..... Majestic, KY  
Paul Michael Scorza, Jr. ..... Simpsonville, SC  
Richard Wayne Seidman ..... Mt Pleasant, SC  
Christopher Andrew Siler ..... Greenville, SC  
Robert Andrew Stephenson ..... Daniel Island, SC  
Ashley Michelle Strickland ..... Greenville, SC  
Rachel Helen Thelen ..... Traverse City, MI  
Ganesh Kumar Venayagamoorthy ..... Clemson, SC  
Jonathan David Walker ..... Knoxville, TN  
Benjamin David Wilkin ..... Isle of Palms, SC  
Courtney Lynne Williams ..... Greer, SC  
Brianna Apple Woodsby ..... Spartanburg, SC  
Richard Jonathan Worrall ..... Greenville, SC

### MASTER OF PROFESSIONAL ACCOUNTANCY

William Morgan Barr ..... Columbia, SC  
Katherine Rose Beddingfield ..... Walhalla, SC  
Jacob Behal ..... Simpsonville, SC  
Mary Martha Berchtold ..... Aiken, SC  
Thomas Joseph Bickes ..... Atlanta, GA

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**MASTER OF PROFESSIONAL ACCOUNTANCY**  
(continued)

Brittany Elaine Blanchard .....	Lorton, VA
Sara Ashley Brehmer .....	Greenville, SC
Alexander Johnson Brown .....	Elluree, SC
Heather Deanne Burdette .....	Pendleton, SC
Anthony Tyrone Caldwell.....	Douglasville, GA
Louis Lester Callahan IV.....	Greenville, SC
Norman Lee Chang .....	Berkeley Lake, GA
Qin Chen.....	Chongqing, China
Garrett Alden Clark.....	Simpsonville, SC
Roger Curtis Clinkscales .....	Greenville, SC
Kaitlyn Brooke Cockcroft.....	Moncks Corner, SC
Harrison Collins .....	Greenville, SC
Jialin Dai .....	Nantong, China
Timothy Robert Daly.....	Cheshire, CT
Enrique Eduardo Smith Ellerbe .....	San Juan, PR
David Einar Engroos .....	Greenville, SC
Jerusalem Estrada.....	Clemson, SC
John Simmons Fallaw .....	Union, SC
Caroline Hill Ficklen .....	Fort Mill, SC
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
Rachel Suzanne Hebden.....	Annapolis, MD
Alexandra Batson Henderson.....	Greenville, SC
Lee Thomas Hewitt.....	Timmonsville, SC
Matthew Richard Holt.....	Anderson, SC
Samuel Scott Johnson .....	Duncan, SC
Victoria Johnson .....	Anderson, SC
Tiara Jones .....	Laurens, SC
Emily Paige Jordan .....	Simpsonville, SC
Taylor Marie Kacur .....	Red Creek, NY
Jonathan Daniel Kemp .....	Greer, SC
Stefan Jerome Kozacki .....	Florence, SC
Christopher Chase Lawson .....	Huntersville, NC
Caroline Roberts Lodge.....	Greeneville, 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

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**MASTER OF PROFESSIONAL ACCOUNTANCY**  
(continued)

Brandon Ashley Reynolds .....	Richland, MI
Sara Michelle Rice .....	Chapin, SC
Sydney C Robinson .....	Greenville, SC
Jarred Seymour.....	Greer, SC
Alexander Antonius Smit .....	Freehold, NJ
Catherine Brooke Smith.....	Greenville, SC
Gina Roberta Smith .....	Belton, SC
Dana Marie Sumter .....	Columbia, SC
Michael Thomas Swoyer.....	Greenville, SC
Adam David Taylor .....	Spartanburg, SC
Jackson Quinn Terman.....	Medford, NJ
Trevor Wilson Thompson .....	Greenville, SC
Katherine Grace Travan .....	Easley, SC
Corrie Ellen VanDyke .....	Simpsonville, SC
Kelly Louise Vanderheide .....	Columbia, SC
William Watson Vaughan.....	Greer, SC
Pearce Robert Vogler.....	Anchorage, AK
Caroline McNair Welling .....	Columbia, SC
Christen Leigh Whitmire .....	Easley, SC
Julia Lynn Williams .....	Greer, SC
Lauren Elizabeth Williamson .....	Leesville, SC
Wenjing Wu .....	Shijiazhuang, China
Robert William Wyatt .....	Greenville, SC
Qing Yang .....	Nanjing, China
Jiaxing Yao.....	Yun Cheng, China
Jared Michael Young.....	Greenville, SC
Zhaoyang Zhong.....	Lianyungang, China
Mingwei Zhu .....	Suzhou, China

**MASTER OF ARTS****Economics**

Ahmed W Elroukh .....	Alexandria, Egypt
William Oscar Ensor .....	Sparks, MD
Ghanshyam Sharma.....	Meerut, India
Alexandra Dinu Troidl .....	Greenville, SC
Tianmin Zhao .....	Weifang, China

**MASTER OF SCIENCE****Applied Economics and Statistics**

Sarah Garceau.....	Warwick, NY
Jeremy Sholzberg.....	Montreal, Canada

**Applied Sociology**

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

**Management**

Cynthia Jean Hooks.....	Arlington, TX
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## Marketing

Dixit Naresh Bagadia .....	Mumbai, India
Caitlin Alain Chrisey.....	Simpsonville, SC
Joshua Daniel Hilliard .....	Clymer, PA
Wan Li.....	Changsha, China
Ingvar Thorsteinsson .....	Kópavogur, Iceland
Cameron Patrick Walton .....	Cary, NC
Xianyong Wang.....	Heze, China
Yuqing Wu .....	Greenville, SC

## EUGENE T. MOORE SCHOOL OF EDUCATION

### EDUCATION SPECIALIST

#### Counselor Education

Molly Elizabeth Crocker .....	Simpsonville, SC
Sarah E Fink .....	Lawrenceville, GA
Katherine Marie Haldeman.....	Piqua, OH
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 .....	Williamston, 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.....	Downington, PA
Caitlyn Alexandra Ross .....	Sumter, SC

### MASTER OF EDUCATION

#### Administration and Supervision

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

#### Counselor Education

Molly Elizabeth Crocker .....	Simpsonville, SC
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
Cara Bedenbaugh .....	Prosperity, SC
Linda Lorraine Boling .....	Clinton, SC
Margaret Bright .....	Woodruff, SC
Phillip Adams Dean.....	Laurens, SC
Laura Benson Kuykendall.....	Clinton, SC
Lauren Elizabeth McClintock.....	Laurens, 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
Jeanne Marie Spencer .....	Clinton, SC
Audrey Teresa Tollison .....	Laurens, SC
Andrea Grant Vaughn .....	Clinton, SC
Jo Hembree White .....	Cross Anchor, SC

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## MASTER OF HUMAN RESOURCE DEVELOPMENT

Brittany Leigh Aga .....	Greenwood, SC
Berinthia Coggins Allison .....	Central, SC
Keith David Andrachik .....	Cleveland, OH
Jeffrey Martin Benedict .....	Phoenix, AZ
Dawn Marie Berndt .....	North Richland Hills, TX
Christoffer Oxford Boggs .....	Central, SC
Marvin Roderick Bostic III .....	Greenville , SC
Krisinda Brewer .....	Seneca, SC
LeeAnn Roberts Bryson .....	Rock Hill, SC
Ruth Logan Burdette .....	Due West, SC
Lillian Burns .....	Anderson, SC
Virginia Ann Cone .....	Greenville, SC
Edward Richard Custodio .....	Bronx, NY
Mariam Demurishvili-Thompson .....	Greenville, SC
Susan Kay Falendysz .....	Seneca, SC
Carisa Shaundrell Freeman .....	McCormick, SC
Lindsay Gamble .....	Hickory, KY
Delphin Albert Gant, Jr. ....	Lexington, SC
Katie Cherie Geiss .....	Simpsonville, SC
Kirk Allan Goeldner .....	Greenville, SC
Carmalita Charmaine Govan .....	Orangeburg, SC
Brandi Tinishia Graham .....	Seneca, SC
Jeffrey Jewel Greene .....	Lebanon, OH
Marykate Carly Griffin .....	Columbia, SC
Jessie Leigh Griffis Kiser .....	Central, SC
William Tyler Grisham .....	Birmingham, AL
Kelley Denise Harrison .....	Irmo, SC
John Gillespie Holbrook .....	Orangeburg, SC
Sierra Danielle Holland .....	Seneca, SC
William Anthony Kwiek III .....	Baldwinsville, NY
Brad Alan Linkenhoker .....	Charlotte, NC
Jennifer Ashley Lizotte .....	Leasburg, NC
Kenneth William Long .....	Clover, SC
Permelia Sharpe Luongo .....	Swansea, SC
Kimberly Monique Martin .....	Pendleton, SC
Phillip Sebastian Mayo .....	Florence, SC
Kelly McEown .....	Gastonia, NC
Stephanie Elizabeth Mock .....	Renfrew, PA
Roger Brandon Moore .....	United States Air Force
Benjamin Robert Moorhead .....	Seneca, SC
Melissa Marie Neutz .....	Chesapeake, VA
William Payne .....	Baton Rouge, LA
Tareka Antoinette Pearson .....	Whitmire, SC
Candace Raffinie Pengra .....	Charleston, SC
Albert Wyman Platt IV .....	Rock Hill, SC
Rachel L Platt .....	Surfside Beach, SC
Matthew David Rhinesmith .....	Carmel, IN
Jenny L Rodgers .....	Brandon, FL
Simeon Brinkley Ruffin .....	Augusta, GA
Mitchell Chad Searcy .....	Seneca, SC

## MASTER OF HUMAN RESOURCE DEVELOPMENT (continued)

Brandon Travis Smith .....	Clemson, SC
Debasri Som .....	Greenville, SC
Gabriela Belen Vaca .....	Charlotte, NC
Brandy Cooley Vaughn .....	Belton, SC
Demario L Watts .....	Clinton, SC
Carter Wilson .....	Sewanee, GA
Jonathan R Wood .....	Travelers Rest, SC

## COLLEGE OF ENGINEERING AND SCIENCE

### MASTER OF ENGINEERING

#### Biomedical Engineering

Anna Logan Cantrell .....	Duncan, SC
Ian Patrick Forbes .....	Roanoke, VA
Nicholas Fullton Freeman .....	Ponte Vedra Beach, FL
Megan Hanschke .....	Burlington, Canada
Evan Jamaal Robinson .....	Spartanburg, SC
George Marion Seignious IV .....	Mt Pleasant, SC
Rebecca Jean Thomas .....	Denmark, SC

#### Industrial Engineering

Evan Michael Arena .....	Atlanta, GA
Jason Keith Barr .....	Flowery Branch, GA
Jorge A Barros .....	Santiago, Chile
Jeffrey Lee Bentley .....	Aiken, SC
Amy Lynn Bergdoll .....	Houston, TX
Orlando Joseph Buria III .....	Greenville, SC
Kevin Joseph Cahill .....	Simpsonville, SC
Michael James Childers .....	Tigard, OR
Adam Bo Cyranowski .....	Grand Rapids, MI
Kirsten Kuhlmann Daniel .....	Spring, TX
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
Michelle A Graham .....	Milan, IN
Robert John Gros .....	Thibodaux, LA
Brittany Foster Heusgen .....	Greenville, SC
Evan Patrick Higgins .....	Mission Viejo, CA
David Charles Hobel .....	Ashburn, VA
Kristen Lee Jacokes .....	Phoenix, AZ
Lauren Elizabeth Jones .....	Calgary, Canada
Asad Saeed Khan .....	Houston, TX
David Christopher Lee .....	El Lago, TX
Trent Michael Legendre .....	Katy, TX

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## Industrial Engineering (continued)

Terry Leong .....	Calgary, Canada
Edward Alexander MacLeod .....	Greenville, SC
Owen Connor Moheet .....	Austin, TX
Kevin Mostajeran .....	Houston, TX
Chunhua Qiu .....	Shanghai, China
Larry Nagai Ralls .....	Houston, TX
Jackie Dean Reeves .....	West Columbia, SC
Michelle J Rodriguez .....	Parker, CO
Jason Matthew Smith .....	Katy, TX
Michael John Tyner .....	Charlotte, NC
Francis Jacob Urtz .....	Charleston, SC
David Kyle Whelan .....	Cape Coral, FL
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 Bhaduria .....	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 Dhyanani .....	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
Aaishwary Kulkarni .....	Sangli, India
Pruthvi Kumar Reddy Kuppam .....	Hyderabad, India
Fangjian Li .....	Qingdao, China
Zefei Li .....	Renqiu, China
Yiran Liu .....	Guangzhou, China
Kyle G Mattinson .....	Richland, WA
Mihir S Menon .....	Mumbai, India
Bhoomika Narasimhan .....	Bangalore, India
Anand Patur .....	Chennai, India
Sachin Pullaikudi-Veedu .....	Trichy, India
Preetam Ramesh .....	Chennai, India

## Automotive Engineering (continued)

Harshal Rao .....	Hyderabad, India
Aaradhana Sureshkumar Rathore .....	Nasik, India
Vinicio 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
Sagar A Tatipamula .....	Mumbai, India
Ravi Kumar Tumu .....	Machilipatnam, India
Dheemanth Uppalapati .....	Hyderabad, India
Sai Sruthi Venkataraman .....	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

Martin Fernando Alejos .....	Cordoba, Argentina
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
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## Chemistry

Dan Yun Dong .....	Seneca, SC
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## 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
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## Computer Science

Udit Agarwal.....	Gurgaon, India
Radhika Hansraj Dhaipule.....	Pune, India
Senthilkumaran Dhandavel .....	Dharmapuri, India
Christopher W Gropp .....	Urbana, IL
Fangyu He .....	Wuhan, China
Aditi Jain .....	New Delhi, India
Zhi Zhang.....	Hefei, China

## Electrical Engineering

Kartikeya Shrikant Bagalore .....	Alibag Maharashtra, India
Vikas Bollapragada Subrahmanyam .....	Kothagudem, India
Andrea Alejandra Gil Batres.....	San Salvador, El Salvador
Jonathan Christopher Herr .....	Fort Mill, SC
Naren Nagarajan.....	Chennai, India
Ajay Padmakumar .....	Chennai, India
Sharan Rajendran.....	Nagercoil, India
Ryan Scott .....	Livonia, MI
Anup Thapa .....	Dharan, Nepal

## Environmental Engineering and Science

Paola Andrea Barreto Quintero....	Barranquilla, Colombia
Misty J Brown.....	Louisville, KY
Kristen Mae Carpenter .....	Mooresville, NC
Stephanie Lynn Ely.....	Macon, GA
Viviana L Heim.....	Bahía Blanca, Argentina
Stephanie Margaret Hoelbling .....	Simpsonville, SC
Nicholas A Hotzelt.....	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
Blake Andrew Lytle.....	Midland, MI
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
Nicholas Bennett Caldwell .....	Greenville, SC
Phanendra Abhijith Challa .....	Hyderabad, India
Saurabh Satish Deshpande.....	Navsari, India
Carl Leland Hulseman .....	Greenville, SC
Varun Kumar .....	Ranchi, India
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
Nagasaichakravarthy Velamakuri.....	Hyderabad, India
Darian Alexis Visotsky.....	Bahía Blanca, Argentina
Yawen Xu.....	Beijing, China
Yogendra Kumar Yadav .....	DehraDun, India

## Photonic Science and Technology

Christopher David Dunn .....	Aiken, SC
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## 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 .....	Greenville, SC
Denise Michele Jones.....	Suffolk, VA
Stephen Carl Maynard II .....	Daphne, AL
Shaquantia Monique McDaniels .....	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

Kyle Ivan Parker ..... Westminster, CO

**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

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## CANDIDATES FOR THE BACHELOR'S DEGREE

John D Griffin, Dean, Undergraduate Studies

### 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.....	Safety Harbor, FL
**Elizabeth Anne Gregory .....	Easley, SC
Delaney Amara Hartson .....	Chester, MD
Carolina 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
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##### Biological Sciences

Jasquelle Onita Greene .....	Laurens, SC
*Austin V Hopkins .....	Fair Play, SC
**Lee Andrew Jenkins, Jr. ....	Greenwood, SC
Stephanie Taylor Johannsen .....	Fort Mill, SC
Alexzandra 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
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##### Horticulture

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

##### 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
Justin Thomas Wright .....	Powdersville, SC

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## 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
Jordan Alexis Weaver.....	Clover, SC
Morgan D Williams .....	Severna 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
Kurtis Justin Mauk.....	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
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### Production Studies in Performing Arts

Spencer Nicholas Baggett .....	Greenwood, SC
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 Alyisia 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

**Mathilde Brigitte Demey .....	Summerville, SC
William Russell Galvin.....	Charleston, SC
Tianqi Li .....	Beijing, China
Joseph John Maloney, Jr. ....	Greenville, SC
Gaia Nencini.....	Pisa, Italy
Stephen William Slayton.....	Mt Pleasant, SC

#### 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
Daniel Link Kirwan .....	Bethesda, MD
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
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### 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

Mattie Elizabeth Cobb.....	Belton, SC
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 Boatwright .....	Saluda, SC
Clara Amanda Bodie .....	Camden, SC
Jennifer Nicole Bolta .....	Greenville, SC
Jack Edward Bowling .....	New Orleans, LA
William H Burke .....	Clemson, SC

## Management (continued)

Emily Ann Carlton .....	Clemson, 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
Adam Thomas Duncan .....	Pendleton, SC
Steven Walter Dybus, Jr. ....	St Louis, MO
James Christopher Eskew .....	Mt Pleasant, SC
Pedro Junior Garcia .....	Greenville, SC
Kristina Leigh Goodman.....	Easley, SC
Joshua Harrison Greene .....	Rock Hill, SC
George Hayden Hadley.....	Greenville, SC
Rachel Mikaela Hagerty.....	Greer, SC
Ryan Michael Haney.....	Houston, TX
Malik Leroy Harrison.....	Wadmalaw Island, SC
Garth Kenton Hill .....	Chapin, SC
Lauren Kristen Holmes.....	Salters, 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
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

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### Marketing (continued)

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

Danielle Bryan Augspurger.....	Easley, SC
*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 Budelmann.....	Greenville, SC
Rebekah Jane Phillips .....	Winnsboro, 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
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## COLLEGE OF ENGINEERING AND SCIENCE

Anand Gramopadhye, Dean

### BACHELOR OF ARTS

#### Chemistry

Jennifer Lynne Warnock.....	Roebuck, SC
Matthew Ray Joyner .....	Charleston, SC
Thomas Scott Rapp .....	Aiken, SC

#### Mathematical Sciences

Sarah Elizabeth Pence .....	Fort Mill, SC
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### BACHELOR OF SCIENCE

#### Bioengineering

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

#### Chemical Engineering

Stephen Brent McJunkin.....	Seneca, SC
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#### Civil Engineering

William Edward Barnhart II .....	Mt Pleasant, SC
*Timothy Joseph Cornnell, Jr. .....	Myrtle Beach, SC
Jennifer Marie Duhon .....	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

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### Computer Science (continued)

Peter Ryan Schatteman .....	Simpsonville, SC
Dominic Martin Sieron .....	Greenville, SC
James Emerson Smith III.....	Columbia, SC
Evan Connor Waylett .....	Simpsonville, SC
*William Devin White.....	Murrells Inlet, SC

### Electrical Engineering

Courtney Jelisa Davis.....	Florence, SC
Baichard Urich Donald .....	Columbia, 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 Station, VA

### Industrial Engineering

Aliah Rose Abusamra .....	Fort Wayne, IN
Nequan Devante Brown .....	Walterboro, SC
Yi Chen.....	Laurens, SC
David Elwood Haines II .....	Easley, SC
Allan Taylor Hubbard .....	Maryville, TN
John Wilson Jarrett.....	Raleigh, NC
Scarlett Camille Knight .....	Winter Park, FL
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
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 Trousdale .....	Spartanburg, SC
Jeffrey Edward Vahey .....	Surfside Beach, SC
Brandon Steven White .....	Johns Island, SC

### Physics

Zachary Alec Yaeger .....	Eutawville, SC
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## COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

Brett A Wright, Dean

### 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

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## Nursing

James Henderson Abrams .....	Anderson, SC
**Tracey Carr Ale.....	Clemson, SC
Hilary Elise Altman .....	Clemson, SC
*Lauren Brice Baird .....	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
William McKinley Hastings.....	Charlotte, NC
**Taylor Kristin Hendrix .....	Anderson, SC
**Hannah Alisha Holbrook.....	Anderson, SC
*Heather Suzanne Hooper .....	Easley, SC
***Kimberly Moyer Hudson .....	Greenville, SC
***Katherine Dawn Langford .....	Taylors, SC
Michelle Owens Love.....	Anderson, SC
**Heather Michelle Martin.....	Anderson, SC
Amy Leann Mixon .....	Graniteville, SC
**Stephen Livingston Murton .....	Westminster, SC
Kellie Elaine Neal .....	Walhalla, SC
Miranda Rose Oxner .....	Greenwood, SC
*Melisa Sizemore Parker .....	Greenville, SC
Alyssa Marie Pignone.....	Hartsville, SC
***Erin Mariel Plyler .....	Greenville, SC
**Ashton McGee Quinley .....	Greer, SC
**Melissa Guynn Richard .....	Greenville, SC
**Ashley Ann Riggins .....	Easley, SC
*Amanda Marie Smith.....	Anderson, SC

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## Nursing (continued)

***Kaci Brooke Wagler .....	Pickens, SC
***Kathryn Taylor White .....	Easley, SC
<b>Parks, Recreation and Tourism Management</b>	
Emory Caroline Arms .....	Spartanburg, SC
Chandler Austin Ayers .....	Greer, SC
Mary Hyatt DesChamps Baker .....	Manning, SC
LaKedra NyKiera Barber.....	Rock Hill, SC
Melissa Lucia Basso-Luca .....	Sandy Spring, MD
Connor G Bennett .....	Atlanta, GA
John Broughton Brantley, Jr. ....	Blythewood, SC
Terry Wayne Burrell.....	Goose Creek, SC
Kevin Weston Casby .....	Needham, MA
Shea Stradley Colbert .....	Wilmington, NC
Megan Kathleen Collins .....	Greenville, SC
Hope Baker Corley .....	Prosperity, SC
Rhett Harris Cummings II .....	Holly Hill, SC
David Oneal Davis.....	Eastover, SC
Ansley Nicole Ellis .....	Greenville, SC
John Alexander Ford .....	Easley, SC
Brady Stephen Gambrell .....	Piedmont, SC
Nicholas Francis Giardina .....	Roebuck, SC
Harriet Pearce Gilpin.....	Darlington, SC
Hannah Margaret Henderson .....	Rock Hill, SC
Tevin London Hester.....	Oxford, NC
Thomas Chandler Jackson .....	Bluffton, SC
Alexandra Nicole Jenkins .....	Mt Pleasant, SC
Kristen Cheryl Keels .....	Irmo, SC
Allison Dayle Lincoln .....	Charleston, SC
Eliza Lee Lowry .....	Columbia, SC
Ellen Elizabeth Macnaughton .....	Irmo, SC
Hannah Hubbard Proctor .....	Charleston, SC
Jacob Patrick Robinson.....	Greenville, SC
**Erik Joseph Rzeczycki .....	Hilton Head Island, SC
Ali Peyton Starnes.....	Fort Mill, SC
**TaylorLynn Raine Templeton-Bradley.....	Bradley, SC
Madison Bay Turrentine.....	Greenville, SC
Dalton James Walters .....	Reevesville, SC
Wallace Alan Weiss.....	Lexington, SC
Martin James Wisniewski .....	Dyer, IN

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<sup>1</sup>Cum laude: A grade-point average of 3.70

<sup>2</sup>Magna cum laude: A grade-point average of 3.85

<sup>3</sup>Summa cum laude: A grade-point average of 3.95

<sup>4</sup>Calhoun Honors College: The graduates so designated in the printed graduation program have completed an enriched program of study through the Calhoun Honors College. To earn this distinction, students must maintain an overall grade-point average of 3.40 or higher and complete the requirements of General Honors and/or Departmental Honors. Students who have earned Departmental Honors appear in the line of march wearing the Calhoun Honors College Medallion on an orange and purple ribbon. This medallion is made possible by an endowment established by Mrs. Katherine Inabinet Vickery of Columbia, South Carolina, to honor the memory of her husband and Clemson graduate, the late B C Inabinet.

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 red, white and blue cords are recognized as active duty military and graduating veterans.

## 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 cornelian 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 AACSB 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.

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## 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.

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**National rankings**

- U.S. News & World Report ranks Clemson No. 21 among the nation's public universities, No. 6 in the nation in alumni giving participation, No. 8 as an "up-and-coming" school, No. 16 as a "Most Innovative School" and one of 11 public institutions that make writing a priority across all disciplines.
- The Princeton Review ranks Clemson No. 25 among Colleges That Pay You Back — Without Aid, No. 1 for best career services, No. 1 for good town-gown relations, No. 7 for happiest students, No. 1 for "everybody packs the stadium" and No. 2 for "their students love these colleges."
- SmartMoney ranks Clemson No. 7 in terms of students' return on investment.
- Kiplinger Personal Finance ranks Clemson No. 29 among public colleges and universities in delivering a quality education at an affordable price.
- Among national public universities, a number of Clemson graduate programs are ranked in the top 50: National Research Council ranks 14; U.S. News & World Report ranks 20; Design Intelligence ranks one; and Plantizen ranks one.
- Diverse Issues in Higher Education recognized Clemson as the nation's No. 16 for conferring undergraduate degrees and No. 12 for conferring doctoral degrees in engineering to students of color.
- Clemson's incoming freshman ACT and SAT scores rank number one among South Carolina's public universities according to U.S. News & World Report, 2016.
- Clemson ranks No. 1 in South Carolina and No. 33 among the country's 484 four-year public business schools, according to The Business Journal.
- Clemson's Student Organic Farm ranks ninth among the best college farms in the nation, according to Best College Reviews.

**Students**

- In 2015-16, Clemson had seven National Science Foundation Graduate Research Fellows; two students received Fulbright Grants and four received Goldwater Scholarships.
- Last year, more than 760 teams with 4,179 students participated in Creative Inquiry, a unique Clemson initiative that brings together undergraduate students and faculty to research important issues that affect our world.
- 95 percent of seniors have taken part in an internship, a research project, study abroad or other student engagement opportunity.
- Clemson students consistently capture intercollegiate championships in academic and club competitions such as the Concrete Canoe, Steel Bridge, Pershing Rifles, Ethics Bowl, Blue Key and Traffic Bowl.

Candidates appearing in this program are not certified graduates. Likewise, academic honors designations are based upon performance prior to final grades. Both certification of graduation and honors designations must come from the Registrar of the University.

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**FIRST AID**

A First Aid Station is located on the concourse outside of section 207.

**EVACUATION SYSTEM**

Bon Secours Wellness Arena is equipped with a fire-alarm evacuation system. In the event of activation, please proceed to the closest available exit. Remain outside the building until fire officials deem the building safe to re-enter.

**NO SMOKING**

Smoking is prohibited in Bon Secours Wellness Arena. A designated smoking area is located outside the concourse at sections 105-106.

## **Faculty**

- From a pool of 42,000 professors, five Clemson educators are profiled in “The Best 300 Professors” by the *Princeton Review*.
- Sixteen endowed-chair faculty positions have been created to attract new, top faculty through the SmartState Program.
- Twenty-two of Clemson’s faculty are active National Science Foundation Career Award recipients.

## **Research and Economic Development**

- Clemson is ranked R1 – in the highest research university category – by Carnegie Classification of Institutions of Higher Education.
- Since 2005, Clemson research has generated 15 spinoff companies, 147 active patents, producing \$28 million in revenue, and \$1.29 billion in research awards.
- In FY 2015, Clemson’s total sponsored research and programs expenditure was \$105 million.
- Clemson’s Palmetto Cluster ranks among the top five on the list of university-owned supercomputers in the U.S., according to the 2014 Top500 list of international supercomputers.
- Clemson was one of 18 institutions designated as an Innovation and Economic Prosperity University by the Association of Public and Land-grant Universities in 2015 for engaging communities in economic development activities that create jobs and improve lives.

## **Innovation Campuses**

- Clemson University International Center for Automotive Research is home to the nation’s only graduate Department of Automotive Engineering and has more than 200 students pursuing M.S. and/or Ph.D. degrees. CU-ICAR also houses 17 resident partners and numerous research labs.
- The Clemson University Advanced Materials Center provides state-of-the-art equipment, including one of the nation’s most advanced electron microscope facilities.
- The Clemson University Biomedical Engineering Innovation Campus at the Greenville Health System strives to develop high-impact medical technology and devices and to transfer research and engineering to clinical applications.
- The Clemson University Restoration Institute in North Charleston is home to the SCE&G Energy Innovation Center, Duke Energy eGrid, Wind Turbine Drivetrain Testing Facility, Warren Lasch Conservation Center, Center for Workforce Development, Center for Watershed Excellence and, opening in fall 2016, the Zucker Family Graduate Education Center.

CLEMSON<sup>®</sup>  
UNIVERSITY