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# GRADUATION

SATURDAY, AUGUST 13, 2011

11:00 A.M.

LITTLEJOHN COLISEUM

## ORDER OF CEREMONIES

(Please remain standing for the processional, posting of colors and invocation.)

### POSTING OF COLORS

Clemson Senior Platoon

Lewie L Bates	James E Duffy
William W Bellamy	Thomas C Mann
Carl B Bishop	Sanford N Smith

### INVOCATION

Anthony Mack II, Student Representative

### INTRODUCTION OF TRUSTEES

President James F Barker

### RECOGNITION OF THE DEANS OF THE COLLEGES

Vice President for Academic Affairs and Provost  
Doris R Helms

### CONFERRING OF HONORARY DEGREE

President James F Barker

### REFLECTIONS

Dr. Ronnie L Booth

### CONFERRING OF DEGREES AND DELIVERY OF DIPLOMAS

President James F Barker

### RECOGNITION AND PRESENTATION OF AWARDS

Board of Visitors Graduate Researcher Award  
Board of Visitors Graduate Teaching Assistant Award

Ms. Susan Cumbie, Organist/Soloist  
Dr. Robert P Green, Jr., University Marshal

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## BOARD OF TRUSTEES

David H Wilkins, Chairman .....Greenville  
William C Smith, Jr., Vice Chairman ..... Columbia  
Bill L Amick..... Batesburg-Leesville  
Leon J Hendrix, Jr. .... Kiawah Island  
Ronald D Lee.....Aiken  
Louis B Lynn..... Columbia  
Patricia H McAbee.....Greenville  
John N McCarter, Jr. .... Columbia  
E Smyth McKissick III .....Greenville  
Thomas B McTeer, Jr. .... Columbia  
Robert L Peeler ..... Lexington  
Joseph D Swann.....Greenville  
Kim A Wilkerson..... Columbia

### Trustees Emeriti

Louis P Batson, Jr. ....Greenville  
J J Britton .....Sumter  
Fletcher C Derrick, Jr. ....Charleston  
Lawrence M Gressette, Jr. .... Columbia  
Harold D Kingsmore .....Clemson  
D Leslie Tindal ..... Pinewood  
Allen P Wood ..... Florence

### Executive Secretary to the Board of Trustees

Angie Leidinger

## ADMINISTRATIVE OFFICERS

James F Barker ..... President  
Doris R Helms ..... Vice President for  
Academic Affairs and Provost  
A Neill Cameron, Jr. .... Vice President for Advancement  
Brett A Dalton .....Chief Financial Officer  
Gail DiSabatino .....Vice President for Student Affairs  
John W Kelly...Vice President for Economic Development  
Terry Don Phillips.....Director of Athletics  
Gerald Sonnenfeld..... Vice President for Research  
Erin E Swann .....Interim General Counsel  
Leon E Wiles .....Chief Diversity Officer

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## HONORARY DEGREE

### Ronnie L Booth *Doctorate of Humanities*



Ronnie L Booth has united the educational community through his unwavering commitment to public education, his passion for learning and his dedication to economic development – bringing great distinction to Tri-County Technical College, Clemson University and the surrounding community.

The president of Tri-County Technical College since 2003, Dr. Booth is guiding the college as it becomes a role model in community college education through its dedication to high standards, a nurturing environment, strong community alliances and innovative leadership.

Dr. Booth graduated from the University of South Carolina with a bachelor's degree in business administration and accounting and went on to receive both his master's in education and Ph.D. in educational leadership and policies from there. He also holds a master's degree in theological studies from Gordon-Conwell Theological Seminary. He became president of Tri-County Technical College after almost 20 years of experience in higher education, during which he directed financial aid, admissions, student affairs and academic affairs offices at various institutions.

Founded in 1962, Tri-County is a two-year community and technical college that serves more than 7,000 students from Anderson, Oconee and Pickens counties. The college offers classes in 70 major fields of study and employs an “open door” admissions policy – providing countless opportunities for educational growth. One of the largest of 16 technical colleges across the state, Tri-County has an annual operating budget of \$81 million and employs almost 800 faculty and staff members.

Dr. Booth is recognized as a visionary leader in creating equal access to the learning resources needed for citizens to participate in their communities and economies. Since his arrival in 1993, Tri-County has expanded exponentially. In the past eight years, enrollment has increased by 79 percent. What began as one campus in Pendleton has now grown to include a campus in Anderson, a building in Oconee County that houses a nursing program, a learning center in Honea Path serving students with corporate and community education courses, and two QuickJobs Workforce Development Centers supporting industry and business training. In January 2011, an Easley campus opened, further expanding students' opportunities.

Under Dr. Booth's guidance, Tri-County has partnered with Clemson University on the Bridge to Clemson Program, which allows academically talented freshmen to attend Tri-County for one year and then transfer to Clemson their sophomore year. The program's success has cemented the bond between the two schools and their dedication to higher education. Dr. Booth also developed the Gateway to College Program in coordination with area school districts. This allows students who dropped out of high school the opportunity to attend Tri-County and earn their high school diploma while taking college courses leading to an associate degree. Both programs are praised for offering strong support systems that ensure student success.

Ardently committed to professional, educational and community service, Dr. Booth serves on numerous boards, including economic development and alliance boards for Anderson, Pickens and Oconee counties; Upstate Alliance Board; Anderson Chamber of Commerce Board of Directors; Workforce Investment Act Board; Community Colleges of Appalachia Board; Pendleton Regional Education Center Advisory Board; President's Advisory Board at Clemson University; and Collins Children's Home and Family Ministries Board.

Clemson University is honored to recognize Dr. Booth for his eminent achievements and steadfast commitment to higher education and economic development. It is a distinct privilege to present Ronnie L Booth with the honorary degree, Doctorate of Humanities.

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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 gold and the university seal embroidered on the panels. Each trustee wears a similar gown with three velvet bars piped in gold 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

J Bruce Rafert, Dean, Graduate School

## COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

### DOCTOR OF PHILOSOPHY

#### Animal and Veterinary Sciences

Catherine M Klein.....Port Matilda, PA  
B.S., Clemson University  
Dissertation: Biohydrogenation of Docosahexaenoic Acid  
Advisor: Dr. T Jenkins

#### Applied Economics

David Mark Wilson .....Greer, SC  
B.S., Clemson University  
Dissertation: Crime, Punishment and Institutions  
Advisor: Dr. W Dougan

#### Biochemistry and Molecular Biology

Matthew Levi Fowler .....Spartanburg, SC  
B.S., University of South Carolina  
Dissertation: Investigations of the PPi -Dependent Acetate Kinase from the Parasite *Entamoeba histolytica*  
Advisor: Dr. K Smith

#### Biological Sciences

Patrick Andrew Vigueira.....Meraux, LA  
B.S., University of Southern Mississippi  
Dissertation: Synthesis and Uptake of Fatty Acids by *Trypanosoma brucei*  
Advisor: Dr. K Paul

#### Entomology

Holly Coleen Tuten .....Chapel Hill, NC  
B.S., University of North Carolina; M.S., Clemson University  
Dissertation: Zoos As Experiment Environments: Biology of Larval and Adult Mosquitoes  
Advisor: Dr. P Adler

#### Environmental Toxicology

Basma R Damiri.....Clemson, SC  
B.S., Al quds University; M.S., Clemson University  
Dissertation: Lentiviral-Mediated Rnai Knockdown Yields a Novel Mouse Model for Studying Cyp2b Function  
Advisor: Dr. W Baldwin

#### Food Technology

Yenory Maria Hernandez Garbanzo.....San Jose, Costa Rica  
B.A., University of Costa Rica  
Dissertation: Measuring the Impact of Youth EFNEP: Questionnaire Development and Validation  
Advisor: Dr. K Cason

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## Genetics

Cynthia R Climer ..... St Louis, MO  
B.S., Webster University  
Dissertation: Population Genetics and Species Interactions  
Advisor: Dr. A Lawton-Rauh

## Microbiology

Jannet Katherine Romero..... Simpsonville, SC  
B.S., M.S., Clemson University  
Dissertation: Anticancer Effects of Red Raspberries on Immune Cells and Blood Parameters  
Advisor: Dr. L Larcom

## Plant and Environmental Sciences

Amy Lynn Enfield..... Williamston, MI  
B.S., M.S., Michigan State University  
Dissertation: Influence of the Postharvest Environment on the Storage Potential and Propagation  
Performance of Unrooted Cuttings of Herbaceous Ornamentals  
Advisor: Dr. J Brown-Faust

# COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

## DOCTOR OF PHILOSOPHY

### Planning, Design and the Built Environment

Noah Scott Billig..... Little Falls, MN  
B.A., University of Minnesota  
Dissertation: Turkish Informal Housing Settlements as a Typology for Modern Generative Processes  
in Urban Design: A Case Study of Karanfilkoy and Fatih Sultan Mehmet Neighborhoods in  
Istanbul, Turkey  
Advisor: Dr. M Lauria

Tarek Hassan Amin Mokhtar .....Cairo, Egypt  
B.S., M.S., Ain Shams University  
Dissertation: Monumental-It: A “Robotic-Wiki” Monument for Embodied Interaction in the  
Information World  
Advisor: Dr. K Green

Geary Lynn Robinson.....Seneca, SC  
B.A., M.A., University of Central Oklahoma  
Dissertation: Disaster Preparedness for University/Community Transit Systems  
Advisor: Dr. R Liska

### Rhetorics, Communication and Information Design

Rupert Andrew Hurley..... Greenville, SC  
B.S., M.S., Clemson University  
Dissertation: Persuasive Packaging: An Eye-Tracking Approach to Design  
Advisor: Dr. C Haynes

Randy Dean Nichols..... Easley, SC  
B.A., Southeastern University; M.A., Rutgers University  
Dissertation: A Rhetorical Approach to Cultural Literacies across Media  
Advisor: Dr. T Howard

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## COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

### DOCTOR OF PHILOSOPHY

#### Economics

Benjamin Hasty Compton..... Sumter, SC  
B.A., Clemson University

Dissertation: Essays on the Political Economy of Funding for Higher Education

Advisor: Dr. W Dougan

Liliana Danila .....Brasov, Romania  
B.A., Babes Bolyai University; M.A., Clemson University

Dissertation: Essays on Nonparametric Measures of Performance of U.S. Bank Holding Companies

Advisor: Dr. P Wilson

Ovidiu Flavius Lasca .....Arad, Romania  
B.S., Babes Bolyai University

Dissertation: Essays on Location Choice and the Demand for Housing Services

Advisor: Dr. T Mroz

#### Management

Michael Richard Dinger ..... Laurens, SC  
B.S., Presbyterian College

Dissertation: Understanding the Role of Embeddedness in Shaping IT Professional Behavior

Advisors: Dr. V Grover and Dr. J Thatcher

Stefan Tams..... Hanover, Germany  
M.S., New Jersey Institute of Technology

Dissertation: The Role of Age in Technology-Induced Workplace Stress

Advisor: Dr. V Grover

James Tobin Turner ..... Piedmont, SC  
B.S., Presbyterian College

Dissertation: Social Capital: Measurement, Dimensional Interactions and Performance Implications

Advisor: Dr. V Sridharan

## COLLEGE OF ENGINEERING AND SCIENCE

### DOCTOR OF PHILOSOPHY

#### Chemical Engineering

Yu-Tung Tsai ..... Taichung, Taiwan  
B.S., M.S., National Taiwan University

Dissertation: Oxygenate Synthesis during CO Hydrogenation on CoCuZnO- Based Catalysts

Advisor: Dr. J G Goodwin, Jr.

Jack Z Zhang ..... Virginia Beach, VA  
B.S., Virginia Polytechnic Institute

Dissertation: Effects on Hydrogen Adsorption and Activation on Platinum in a Fuel Cell Catalyst

Advisor: Dr. J G Goodwin, Jr.

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## Chemistry

Allyn R Brice .....Orlando, FL  
B.S., University of Central Florida  
Dissertation: A Theoretical Investigation Examining DNA Conformational Changes and Their  
Effects on Glycosylase Function  
Advisor: Dr. B Dominy

Dakarai Kameron Brown ..... Greenville, SC  
B.S., University of South Carolina  
Dissertation: Semifluorinated Aromatic Ether Polymers Segmented with Polyethylene Glycol (PEG)  
Advisors: Dr. D Smith, Jr. and Dr. K Christensen

Nicholas Nam Shaw .....Seneca, SC  
B.A., Saint Olaf College  
Dissertation: Targeting A-Form Nucleic Acids: A Neomycin Based Approach  
Advisor: Dr. D Arya

Sonia Miller Underwood ..... Plant City, FL  
B.S., University of Central Florida  
Dissertation: Bridging the Gap between Structures and Properties: An Investigation and  
Evaluation of Students Representational Competence  
Advisor: Dr. M Cooper

## Civil Engineering

Arash Karimpour..... Isfahan, Iran  
B.S., University of Yazd; M.S., Kntoosi University of Technology  
Dissertation: An Experimental and Computational Study of Windborne Debris in Severe Storms  
Advisor: Dr. N Kaye

Harish Kizhakkumodom Venkatanarayanan..... Chennai, India  
B.E., University of Madras; M.E., Anna University Chennai  
Dissertation: Development and Characterization of a Low Carbon Rice Husk Ash for Use as a  
Supplementary Cementing Material in Concrete  
Advisor: Dr. P Rangaraju

Rodolfo Valdes Vasquez .....Panama City, Panama  
B.S., Technological University of Panama  
Dissertation: Social Sustainability During Planning and Design: An Expert-Based Framework of  
Processes for Construction Projects  
Advisor: Dr. L Klotz

David Wayne Wingard ..... Hartsville, SC  
B.S., M.S., Clemson University  
Dissertation: Investigation into the Role of Airfield Pavement Deicer in Concrete Pavement  
Deterioration  
Advisor: Dr. P Rangaraju

Wenbin Zhao ..... Clemson, SC  
B.E., Suzhou Institute of Urban Construction; M.S., Clemson University  
Dissertation: The Effects of Fundamental Quality Assurance Parameters on Hot-Mix Asphalt Properties  
Advisor: Dr. B Putman



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## Computer Engineering

Juan Deng.....Sichuan, China  
B.E., M.S., University of Electronic Science and Technology  
Dissertation: Connected Vehicle Information Assurance  
Advisor: Dr. R Brooks

## Computer Science

Bo Li .....Jiangxi, China  
B.S., Self Taught Higher Education China; M.S., North Carolina Central University  
Dissertation: Predicting Yeast Synthetic Lethal Genetic Interactions Using Protein Domains  
Advisor: Dr. L Feng Luo

Scott Alan Moser .....Anderson, SC  
B.S., Capitol Institute of Technology; M.S., Hood College  
Dissertation: Downstream Resource Allocation in Docsis 3.0 Channel Bonded Networks  
Advisor: Dr. J Martin

Charles Edward Tonkin .....Knoxville, TN  
B.S., M.Ind.Ed., Clemson University  
Dissertation: Creating an Effective Environment for Utilizing Eye Tracking In the Package Design Process  
Advisor: Dr. A Duchowski

## Electrical Engineering

Vidya Nariyambut Murali .....Bangalore, India  
B.E., Visveswaraiah Technological University; M.S., Clemson University  
Dissertation: Low-Resolution Vision for Autonomous Mobile Robots  
Advisor: Dr. S Birchfield

Changyi Su .....Xian, China  
B.E., Xian University of Technology; M.S., Nanyang University  
Dissertation: Development of Reduced Complexity Models for Electromagnetic Modeling  
Advisor: Dr. T Hubing

## Environmental Engineering and Science

Fei Chen .....Hunan, China  
B.E., Sichuan University; M.S., Academy of Science of China; M.S., Clemson University  
Dissertation: Contaminant Mass Transfer during Boiling In Fractured Geologic Media  
Advisor: Dr. R Falta

## Industrial Engineering

Sunarin Chanta.....Pathumthani, Thailand  
B.S., M.S., Kasetsart University; M.S., Clemson University  
Dissertation: Improving Quality of Service in EMS Systems by Reducing Disparities between Service Zones  
Advisor: Dr. M Mayorga

Chan-Sik Kim .....Central, SC  
B.A., Roc Air Force Academy; M.S., Yonsei University  
Dissertation: The Effects of Weather Recognition Training on Pilot Situation Assessment and Tactical Decision Making When Confronted with Adverse Weather Conditions  
Advisor: Dr. S Shappell

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### Industrial Engineering (continued)

Odette Saleeby Reifsnider ..... Florence, SC  
B.S., Francis Marion University; M.S., Clemson University  
Dissertation: Anticipating U.S. Population-Level Health and Economic Impacts Using Discrete-  
Event Simulation to Guide Health Policy Decisions  
Advisor: Dr. M Mayorga

Ornurai Sangsawang..... Nonthaburi, Thailand  
B.E., M.S., King Mongkut's Institute of Technology; M.S., Clemson University  
Dissertation: Metaheuristics for Hub Location Models  
Advisor: Dr. M Kurz

### Materials Science and Engineering

Timothy Charles Holgate ..... Suches, GA  
B.S., North Georgia College and State University; M.S., Clemson University  
Dissertation: Thermoelectric Properties of Nickel and Titanium Co-Intercalated Titanium Diselenide  
Advisor: Dr. T Tritt

### Mathematical Sciences

Wittawat Kositwattanarek..... Bangkok, Thailand  
B.A., University of Virginia  
Dissertation: Pseudocodewords of Parity-Check Codes  
Advisor: Dr. G Matthews

Tara L Steuber ..... Perham, MN  
B.A., Concordia College; M.S., Clemson University  
Dissertation: Inference in Reversible Markov Chains  
Advisor: Dr. R Lund

### Mechanical Engineering

Guruprasad Arakere ..... Bangalore, India  
B.S., Visvesvariah Technological University; M.S., University of Colorado  
Dissertation: Computational-Analysis Assisted Introduction of Friction Stir Welding Into  
Development of Light-Weight High-Survivability Military Vehicles  
Advisor: Dr. M Grujicic

William Cameron Bell ..... Raleigh, NC  
B.S., Duke University  
Dissertation: Multi-Length Scale Modeling of the High-Pressure, Large-Strain, High-Strain Rate  
Response of Glass  
Advisor: Dr. M Grujicic

Steven Michael Bower ..... Prairie Village, KS  
B.S., Clemson University  
Dissertation: An Investigation of the Effects of Surfactant Monolayers on Natural Convection Heat  
Transfer and Evaporative Mass Transfer  
Advisor: Dr. J Saylor

Brian Paul d'Entremont ..... Aiken, SC  
B.S., Clemson University  
Dissertation: Investigation of Two-Phase Behavior in Capillary Evaporators with Liquid Core  
Visualization  
Advisor: Dr. J Ochterbeck

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## Mechanical Engineering (continued)

Amir Gasmi ..... Sidi-Bouزيد, Tunisia  
M.S., Tunisia Polytechnic  
Dissertation: On the Modeling of Contact Problems for Curved and Straight Elastic Thin Contin-  
uums with Application to Non-Pneumatic Tires  
Advisor: Dr. P Joseph

Yaoyao Xu ..... Jingmen, China  
B.S., M.S., Huazhong University of Science and Technology  
Dissertation: Modeling Of Strain Effect on Thermal and Electrical Transport Properties of Si/Ge  
Nanocomposites and Its Applications  
Advisor: Dr. G Li

Yan Zhao ..... Beijing, China  
B.S., University of Science and Technology Beijing;  
M.S., Huazhong University of Science and Technology  
Dissertation: Mixture Fraction Imaging Based On Photodissociation Spectroscopy and Two Photon  
Laser Induced Fluorescence  
Advisor: Dr. L Ma

Junjie Zhu ..... Shashi, China  
B.E., M.S., Huazhong University of Science and Technology  
Dissertation: Electrokinetic Transport and Manipulation of Particles in Curved Microchannels  
Advisor: Dr. X Xuan

## Physics

Ramakrishna Podila ..... Clemson, SC  
B.S.C., Sri Sathya Sai Institute of Higher Learning;  
M.S.C., Indian Institute of Technology at Roorkee  
Dissertation: Effect of Surface States, Defects and Dopants on the Optical and Magnetic  
Properties of Low Dimensional Materials  
Advisor: Dr. A Rao

Tatsiana A Ratnikova ..... Minsk, Belarus  
B.S., Belarusian Sate University  
Dissertation: Biological and Ecological Responses to Carbon-Based Nanomaterials  
Advisor: Dr. P Ke

## COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

### DOCTOR OF EDUCATION

#### Career and Technology Education

George Randall Baston ..... Gaffney, GA  
B.S., Tusculum University  
Dissertation: Assessment of Readiness to Participate in Distance Learning of the Certified Florida  
Behavioral Workforce  
Advisor: Dr. W Paige

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DOCTOR OF PHILOSOPHY

**Curriculum and Instruction**

Elizabeth M Hughes.....Greer, SC  
B.A., Boston College; M.Ed., Clemson University

Dissertation: The Effects of Concrete-Representational-Abstract Sequenced Instruction on Struggling Learners Acquisition, Retention and Self-Efficacy of Fractions

Advisor: Dr. L Gambrell

Sarah Hunt-Barron ..... Greenville, SC  
B.A., Boston College; M.A., Furman University

Dissertation: Exploring Peer Revision in Writing through Online Collaboration in a Middle Grades Classroom

Advisor: Dr. L Medford

Lisa Michelle Jones-Moore..... Simpsonville, SC  
B.S., Louisiana State University; M.Ed., Tennessee State University

Dissertation: Exploring Elementary School Teachers Perception of Their Role in Teaching Content Literacy in Science and Social Studies Classrooms: A Mixed Method

Advisor: Dr. V Gillis

Benjamin Clayton Sloop ..... Orangeburg, SC  
B.A., M.S., Clemson University; M.Ed., Georgia State University

Dissertation: Effects of Experience and Sequence of Instruction upon Pre-Service Elementary Teachers Pedagogical Beliefs and Mathematical Knowledge for Teaching

Advisor: Dr. R Horton

**Educational Leadership**

Daniel T Bennett ..... Montreat, NC  
B.A., Biolo University; M.A., Wheaton College

Dissertation: Complex Organizations: A Cultural Analysis of a Christian College

Advisor: Dr. R Marion

**Parks, Recreation and Tourism Management**

Brianna Soule Clark ..... Honea Path, SC  
B.S., M.A., University of Connecticut

Dissertation: Not yet a Woman, Not yet a Mom: The Leisure Experiences of Pregnant Adolescents

Advisor: Dr. D Anderson

Patrick Joseph Holladay ..... Bishopville, SC  
B.S., Clemson University; M.S., Eastern Kentucky University

Dissertation: Resilience and Sustainability of Community Based Tourism in the Commonwealth of Dominica

Advisor: Dr. R Powell

Yu-Chih Huang..... Changhua, Taiwan  
B.A., M.A., Da Yeh University

Dissertation: Virtual Tourism: Identifying the Factors that Affect a Tourist's Experience and Behavioral Intentions in a 3D Virtual World

Advisor: Dr. S Backman

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# GRADUATE SCHOOL

## DOCTOR OF PHILOSOPHY

### International Family and Community Studies

Gita Jaffe ..... Toronto, Canada  
B.A., Dalhousie University; M.A., Macquarie University  
Dissertation: The Rights of Children Affected By Aids: A Policy Paper Focusing on the Right to Education  
Advisor: Dr. R Kimbrough-Melton

### Policy Studies

Lori A Dickes ..... Topeka, KS  
B.A., M.A., University of Central Florida  
Dissertation: The Theory and Practice of Third Wave Regional Economic Development Strategies  
Advisor: Dr. R Lamie

Casey Jonathan Frid ..... Austin, MN  
B.A., Winona State University; M.B.A., Clemson University  
Dissertation: Does Money Matter? Investigating the Financing of Emerging Firms  
Advisor: Dr. W Gartner

Kytson L McNeil ..... Lucea, Jamaica  
B.S., University of Delaware  
Dissertation: State Policy Change: Revenue Decoupling in the Electricity Market  
Advisor: Dr. R Tollison

Patrick Tandoh-Offin ..... Akim Swedru, Ghana  
B.S., Kwame Nkrumah University; M.S., Pennsylvania State University  
Dissertation: Substantive Representation of Women: The Case of Ghana's Domestic Violence Law of 2007  
Advisor: Dr. K Robinson

# CANDIDATES FOR THE EDUCATION SPECIALIST AND MASTER'S DEGREE

J Bruce Rafert, Dean, Graduate School

## COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

### MASTER OF AGRICULTURAL EDUCATION

Marie Owens Bolt.....Anderson, SC  
Kathryn Townsend Berry Shaw.....Newberry, SC

### MASTER OF FOREST RESOURCES

Reginald Jerome Goolsby.....Monticello, GA  
Tyler Simmons Jones.....Clemson, SC

### MASTER OF SCIENCE

#### Applied Economics and Statistics

Thomas Wesley Carter, Jr.....Chester, SC  
Alexis Noelle Imler.....Greensburg, PA

#### Biological Sciences

Lisa Nicole Cox.....Evans, GA  
Omaima Abdel-Halim Maarouf Elraghy.....Clemson, SC  
Candice Jenifer Jones-McCall.....Walhalla, SC  
Kathryn Adrian Schalkoff.....Clemson, SC  
Yao Yao.....Clemson, SC

#### Environmental Toxicology

Yangchun Li.....Shandong, China

#### Food, Nutrition and Culinary Sciences

Michael David Nigh.....Clemson, SC  
Yubo Zhang.....Xi` An, China

#### Forest Resources

Samuel Norton Chambers.....Highlands, NC

#### Genetics

Sherri Lynn Hughes-Murphree.....Taylors, SC

#### Microbiology

Jing Li.....Clemson, SC

#### Packaging Science

Mahalaxmi Dharman.....Mumbai, India  
Sarah Khor.....Shah Alam, Malaysia

#### Plant and Environmental Sciences

Gretchen Ann Addington.....Orient, OH  
Celestine Akuma Che.....Bamenda, Cameroon  
James Kevin Parris.....Spartanburg, SC  
Yuhui Xie.....Beijing, China

## Wildlife and Fisheries Biology

Gillian Lee Brooks.....Cumberland, ME  
Katherine Ferne Leith.....Marquette, MI

## COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

### MASTER OF LANDSCAPE ARCHITECTURE

Leigh Lloyd Morgan.....Anderson, SC

### MASTER OF ARTS

#### English

Russell Steven Joye, Jr.....Spartanburg, SC  
Jana Deanette Redmond.....Harrogate, TN  
Misty Belle Soles.....Clemson, SC  
David Gaillard Williams.....Kingstree, SC  
Derek Rayshad Williams.....Simpsonville, SC

#### History

Justin Robert Dohoney.....Greenville, IN

#### Professional Communication

Jonathan William Lashley.....Bellingham, WA  
Paula Ruth Sullivan.....Anderson, SC

## COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

### MASTER OF BUSINESS ADMINISTRATION

Paul Clayton Adkerson.....Kosciusko, MS  
Adam James Bruce.....Charlotte, NC  
Kiersten D Carroll.....Greer, SC  
Brandon James Coker.....Greenville, SC  
Bret Stephen Dalton.....Greer, SC  
Stephanie Monique Gaillard.....Hanahan, SC  
Caroline Culp Huddleston.....Greenville, SC  
Laurie Kay Jewell.....Simpsonville, SC  
Stephen Layton.....Greenville, SC  
Kyle Alexander Lehr.....Cincinnati, OH  
Peter Jeffrey Luciano.....Murray, KY  
Rajalingam Vairaperumal Manickam Pillai.....  
.....Simpsonville, SC  
Wesley James Melvin.....Winnsboro, SC  
Tristan Meyer.....Seneca, SC  
Joshua Mitchell Ogulewicz.....Greenville, SC  
Ryan A Phillips.....Camden, SC  
Boone Sumners Pitts..... Mooresville, NC  
Mandy Lee Lehman Smith.....Pendleton, SC  
Justin Marcus Tetor.....Pickens, SC

**MASTER OF BUSINESS ADMINISTRATION**  
(continued)

Jonathan Edward Weldon ..... Warwick, RI  
Benjamin Arthur Worley..... Alpharetta, GA

**MASTER OF PROFESSIONAL ACCOUNTANCY**

Katharine Elizabeth Allen..... Greenville, SC  
Megan Elizabeth Balentine..... Ware Shoals, SC  
Brett Sanford Barton ..... Townville, SC  
Peter Bosche Carrasquillo.....Canton, GA  
Lingling Chen.....Sichuan, China  
Nicholas James Crandall ..... Bluffton, SC  
Leroy Joseph Dixon III ..... Townville, SC  
Aaron Michael Galloway..... Easley, SC  
Dana Marie Gasparich..... Moncks Corner, SC  
Lauren Reece Guthrie ..... Lawrenceville, GA  
Kevin Donald Hamaker..... Beaufort, SC  
Joseph Adam Heyd ..... Myrtle Beach, SC  
John Leslie Hobbs.....Columbia, SC  
John Patrick King..... Greenville, SC  
Richard Allen Magrath ..... Conway, SC  
Charlotte Elaine Manson .....Anderson, SC  
Alicia Suzanne Mathers ..... Greenville, SC  
Christopher Roger Mills..... Greenville, SC  
Kelley Lyn Regele ..... Charlotte, NC  
Leslie Jo Rinehart ..... Greenwood, SC  
Amy Jessica Romero.....Lexington, SC  
Jordan David Smith.....Hopkins, SC  
Karl Alexander Stadelmann ..... Landrum, SC  
Bailey Elizabeth Tapert ..... Charleston, SC  
Ashley Elizabeth Tate ..... Boiling Springs, SC  
Jennifer Erin Thiessen ..... Clover, SC  
Patricia Marie Trovinger ..... Rock Hill, SC  
Staci Nicole Turner ..... Lexington, SC

**MASTER OF ARTS**

**Economics**

John Paul Hensley..... Asheville, NC  
Shanshan Ni ..... Sheyang, China  
Mark Nathaniel Schnoor..... Greenville, SC  
Shuang Zheng.....Central, SC

**MASTER OF SCIENCE**

**Applied Sociology**

Christine Luanne Moore..... Greenville, SC

**Graphic Communications**

Whitney Ruth Fox ..... Irmo, SC

**Marketing**

Sarah Elizabeth Bromley..... Cincinnati, OH  
Richard B Leary ..... Greenwood, SC  
Mollie Fell McPhail..... Greenville, SC  
Courtney Danielle Nations ..... Easley, SC  
Nicole Lynn Tice.....Murrells Inlet, SC

**COLLEGE OF ENGINEERING AND SCIENCE**

**MASTER OF FINE ARTS**

**Digital Production Arts**

Ashwin Prasad Bangalore..... Bangalore, India  
Micah Carter Richardson Guy ..... Mt Pleasant, SC  
Hubert Leopold Smith ..... Easley, SC

**MASTER OF SCIENCE**

**Automotive Engineering**

Rajat Kumar Aggarwal..... Aiken, SC  
Sara Binte Ali..... Raleigh, NC  
John Pedro Batalha ..... Bayville, NJ  
Satvik Vipin Batavia ..... Mumbai, India  
Raunak Chaudhary ..... Mumbai, India  
Neeraj Chirmulay ..... Springfield, VA  
Harshit Coutinho ..... Mumbai, India  
Ferdinand Goncalo Deniz ..... Pune, India  
Gavin Arthur Franks ..... Lexington, KY  
Akshay Vijay Gokhale .....Akola, India  
Vincent Grilli-Meunier ..... Coral Springs, FL  
Kevin Benjamin Howard ..... McCook Lake, SD  
Mayur Mohan Kalgutkar ..... Thane, India  
Harish Kohli ..... Chandigarh, India  
Kyle Alexander Lehr ..... Cincinnati, OH  
Nikhil Somnath Patil..... Mumbai, India  
Sajit Sankar Pillai..... Pontiac, MI  
Sean Patrick Simmons ..... Greer, SC  
Wesley Eric Strawn..... Greenwood, SC  
Rahul Subramanian..... Chennai, India  
Todd Martin Titus ..... Seneca, SC  
Chentian Zhu ..... Wuxi, China

**Bioengineering**

Sharmad Sanjay Joshi ..... Pune, India  
Rebekkah Anne Merrell ..... Rock Hill, SC  
Vidya Seshadri..... Chennai, India

**Biosystems Engineering**

(Biosystems Engineering is jointly administered by the  
College of Agriculture, Forestry and Life Sciences and the  
College of Engineering and Science.)

Melissa McKinney Morella .....Anderson, SC  
Katherine Ellen Resler..... Newark, DE

**Chemistry**

Evy B Colon-Garcia ..... Carolina, Puerto Rico  
Jeffrey Eugene Lamb ..... Simpsonville, SC

**Civil Engineering**

Jacquelyn Leigh Blizzard ..... Baltimore, MD  
Katie-Elizabeth Rosser Brown.....Chapin, SC  
Gregory Brendan Bunting.....Central, SC  
Andrew Thomas Covington ..... Durham, NC

## Civil Engineering (continued)

Armando Flores ..... Tegucigalpa, Honduras  
Thomas Martin Gaines..... Columbia, SC  
Sumant Suresh Kulkarni ..... Clemson, SC  
Rohit Sham Kulthe..... Nasik, India  
Talat Naji Mansour ..... Jerusalem, Israel  
Saurabh Arvind Prabhu ..... Clemson, SC  
Ranjith Shivarudrappa ..... Bangalore, India  
Matthew Scott Stanford..... Greenville, SC  
James E Wurst III..... Anderson, SC

## Computer Engineering

Ryan Michael Bontreger ..... Greenwood, SC  
Jonathan Michael Dinger ..... Clemson, SC

## Computer Science

Biswajit Mazumder ..... Durgapur, India

## Electrical Engineering

Kedar Rajendra Gujar..... Solapur, India  
Yinxiao Li..... Xi` An, China  
Nicholas John Mahoney ..... Cheyenne, WY  
Varun Vishwanatha Prabhu..... Bengaluru, India  
Peng Xu ..... Clemson, SC

## Environmental Engineering and Science

Kirk Matthew Ellison..... Conway, SC  
Laura Ann Simpkins..... Woodruff, SC

## Hydrogeology

Brittany Lynn Heisler..... Goose Creek, SC  
John Charles Kroon..... Jamestown, NY  
Christopher Glenn Patterson ..... Machesney Park, IL

## Industrial Engineering

Samer Essam AbdIrahman ..... Amman, Jordan  
Indraneel Chandrasen Dabhade ..... Clemson, SC  
Vikas Gandhi Vadlapatla ..... Pune, India  
Yang Yang ..... Nanjing, China

## Materials Science and Engineering

Xue Chen ..... Qingdao, China  
David Ross Economy..... Raleigh, NC  
Guy-Marie Vallet..... Dizey, France

## Mathematical Sciences

Cristoffer Cordes ..... Bremen, Germany  
Rachel Elizabeth Grotheer..... Deerfield, IL  
Charles Andrew Pilman..... Birmingham, AL  
Thilo Strauss ..... Clemson, SC  
Dewei Wang ..... Jingdezhen, China

## Mechanical Engineering

Mahmoud Masad Abdelhamid ..... Amman, Jordan  
Puroorava Chakravathy Annapaneni ..... Clemson, SC  
Rajat Bhute ..... Belgaum, India  
Christopher Lawrence Brooks, Jr. .... Mt Pleasant, SC  
Bargav Cheruku ..... Hyderabad, India  
Manjesh Kumar Dubey..... Adityapur, India  
Sreekanth Reddy Gondipalle ..... Hyderabad, India  
Anand Hariharan..... Chennai, India  
Ali Hashemi ..... Clemson, SC  
Artem Korobenko ..... Kharkiv, Ukraine  
Ayse Korucu ..... Clemson, SC  
Zhiyuan Ma ..... Central, SC  
Arjun Kailash Magalingam Adithyan..... Chennai, India  
Prashanth Polisetty..... Clemson, SC  
Raveesh Ramachandran..... Chennai, India  
Karthik Savanur Ravindranath..... Bangalore, India  
Timothy C Reeves ..... Calhoun, TN  
Nikhil Kumar Seera ..... Clemson, SC  
Nan Shan ..... Clemson, SC  
Amit Vikram Srivatsa..... Bangalore, India  
Rohit Telukunta..... Clemson, SC  
Mallikarjun Veeramurthy ..... Chennai, India

## Physics

Jeremy Patrick Capps ..... Florence, SC  
Mehmet Karakaya ..... Konya, Turkey

## COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

### MASTER OF ARTS IN TEACHING

#### Middle Level Education

Patrick Dunn..... Summerville, SC

#### Secondary Education

Meghan Noelle Fox-Potenza..... Greenville, SC  
Maegan Adams Hinson ..... Liberty, SC  
Matthew David Manning ..... Spartanburg, SC  
Orlando Montero ..... Greenville, SC  
Julie Frances Summey..... Sunset, SC  
Bridgette Deleshia Yates ..... Taylors, SC

### MASTER OF HUMAN RESOURCE DEVELOPMENT

Dellareese Ginyard Belton..... Winnsboro, SC  
Elizabeth Jane Brown..... Little Rock, AR  
Elizabeth E Bundy ..... Columbia, SC  
Kathryn Leigh Knight Burriss ..... Anderson, SC  
Maureen Ann Carney..... Charlotte, NC  
Jonathan Lee Clayton ..... Anderson, SC  
Kelly Murdaugh Collins..... Clemson, SC  
Dwayne D Dyer..... Springfield, MA  
Jason Taylor Feaster ..... Simpsonville, SC  
Kelley Elizabeth Harrison ..... Tallahassee, FL



**MASTER OF HUMAN RESOURCE DEVELOPMENT**  
(continued)

Tiffany Fowler Helms.....	Columbia, SC
Christine Marie Hess.....	Wellington, FL
John Russell Hughes.....	Maryville, TN
Stuart Reid Johnson.....	Anderson, SC
Elizabeth S Luther.....	Yorktown, VA
Andrew James Markham.....	Greenville, SC
Joshua Shane Miller.....	Liberty, SC
Laneika K Mattress Musalini.....	Anderson, SC
Michael Ryan Nelson.....	Wheelersburg, OH
Jennifer Pierce-Turman.....	Greenwood, SC
Roger Loyd Prewett.....	Rock Hill, SC
Jennifer Dianne Ray.....	Boiling Springs, SC
Michele D Roth.....	Fort Mill, SC
Faye Loretta Smith.....	Spartanburg, SC
Dana Marie Valley.....	New Albany, OH
Paula Ann Williams.....	Gainesville, GA

**MASTER OF EDUCATION**

**Administration and Supervision**

Jana Black Birkenstock.....	Fountain Inn, SC
Abigail Rhoads Cook.....	Simpsonville, SC
Thomas Greg Cooke.....	Travelers Rest, SC
Mark A Joseph.....	Mauldin, SC
Shawntel M McCammon.....	Anderson, SC
Jeremy Randall Murphy.....	Greenville, SC
Jacob Spencer Shelton.....	Waynesville, NC
Bradley David Wingate.....	Chester, SC
David Gregory Young.....	Travelers Rest, SC

**Counselor Education**

Kiersten D Carroll.....	Greer, SC
Paul Douglas Gordon, Jr.....	Seneca, SC
Martha Alison Graham.....	Marion, SC
Deborah Rochelle Keller.....	Greenville, SC
Jamie Reince Koepke.....	Simpsonville, SC
James Patrick Loveless.....	Chapin, SC
Leigh Terrell Manuel.....	Black Mountain, NC
Gary L Stancil.....	Atlanta, GA
Mary Virginia Hunter Tynan.....	Augusta, GA
Edwina K Wicker.....	Central, SC
Ashley Denae Young.....	Maysville, NC

**Early Childhood Education**

Leigh Russell Laskis.....	Little Silver, NJ
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**Reading**

Jessica Robin Bailey.....	Anderson, SC
Alison Smith Bibb.....	Westminster, SC
Andrea Michelle Bowen.....	Anderson, SC
Karen B Broome.....	West Union, SC
Ramey Melissa Campbell.....	Abbeville, SC
Elizabeth Stein Cartledge.....	Anderson, SC
Dana Vermillion Coker.....	Anderson, SC
Jennifer Woodward Crawford.....	Walhalla, SC
Carol Bailes Garland.....	West Union, SC
Erin Morgan Brooks Garland.....	Walhalla, SC
Mary Owens Gilstrap.....	Easley, SC
Patricia L Grant.....	Walhalla, SC
Lauren Catherine Holzshu.....	Anderson, SC
Tiffany LaShea Hurt.....	Clemson, SC
Hope Wheeler King.....	Pendleton, SC
Rebecca Burrell King.....	Walhalla, SC
Candace Anjanette Maddox.....	Anderson, SC
Margaret Moore McHugh.....	Greenwood, SC
Shelia Fowler McWhorter.....	West Union, SC
Paige C Mitchell.....	Clemson, SC
Christine Elizabeth Moore.....	Columbia, MO
Carol Franklynn Moorhead.....	Anderson, SC
Melanie Sparks Myers.....	Seneca, SC
Lori Ann Harvey Nicholson.....	Seneca, SC
Amy Havird Patterson.....	Due West, SC
Lauren DuPre Phillips.....	Seneca, SC
Katherine Nicole Reid.....	Anderson, SC
Kimberly Williams Robson.....	Easley, SC
Marie Lenora Rostron.....	West Union, SC
Fredda Carol Manley Shaw.....	Seneca, SC
Susan Mae Bright Smith.....	Seneca, SC
Ashley Elaine Welton.....	Clemson, SC
Melissa Ann Willis.....	Anderson, SC
Barbara Wittrock.....	Seneca, SC

**Secondary Education**

Ibrahim Halil Yeter.....	Central, SC
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**Special Education**

Lea Renee Betsill.....	Anderson, SC
Cindy Louise Cannon.....	Chapin, SC
Cayton Elizabeth Collins.....	Barnwell, SC
Devon Marie Goerke.....	Wexford, PA
April Dixon Hendricks.....	Central, SC
Lauren Marie Lyles.....	Lancaster, SC
Elizabeth Anne Nelson.....	Simpsonville, SC
Cara Marie Preston.....	Columbia, SC
Anna Kathryn Robertson.....	Easley, SC
John Elwood Romig.....	Kernersville, NC
Earline M Sawicki.....	Walhalla, SC
Katherine Louise Stewart.....	Greenville, SC
Shannon Noel Tucker.....	Easley, SC

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**MASTER OF SCIENCE**

**Parks, Recreation and Tourism Management**

Michael Thomas Felak.....Seneca, SC  
Cindy Leigh Hartman ..... Muenster, TX  
Mattie Ray Playne ..... West Palm Beach, FL

**Youth Development Leadership**

Ebony Nicole Durrah .....Greer, SC  
Shantiqua Denise Neely ..... Bronx, NY  
Rebekah Lynn Schafer .....Greer, SC

**GRADUATE SCHOOL**

**MASTER OF PUBLIC ADMINISTRATION**

Rebecca Allen Grudzien ..... Boiling Springs, SC  
Joe C Marett III..... Greenville, SC

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# CANDIDATES FOR THE BACHELOR'S DEGREE

## COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

Thomas R Scott, Dean

### BACHELOR OF ARTS

#### Biological Sciences

Sabrina Noel Hunter .....Greer, SC  
\*Erin Lee Miele.....Simpsonville, SC  
Danielle Pitre .....Pelzer, SC  
\*Luke Taylor Price.....Spartanburg, SC  
Andrea Nichole Simmons .....Varnville, SC  
Samuel Baker Watts.....Greenville, SC

### BACHELOR OF SCIENCE

#### Agricultural Education

Andrew Thomas Baker .....Simpsonville, SC  
Kenneth William Krantz, Jr.....Pickens, SC  
Alexander Lee Pennekamp.....Charleston, SC

#### Agricultural Mechanization and Business

Robert Caleb Geiger.....Westminster, SC  
Logan Morris Hewitt .....Mt Pleasant, SC

#### Animal and Veterinary Sciences

Jordan Michele Adams .....Walhalla, SC  
Kenny Glen Fladger II .....Mullins, SC  
\*\*\*John Frederick Gagnepain.....Lexington, SC  
Margaret Leigh Hatcher .....Atlanta, GA  
\*Simone Danielle Kennedy .....San Antonio, TX  
William Herbert Middleton, Jr.....Griffin, GA

#### Applied Economics and Statistics

Matthew Roland Cobb .....Westminster, SC  
John Leland DuPre.....Charleston, SC

#### Biological Sciences

Aesha Yogesh Desai .....Vadodara, India  
William Legare Duke.....Summerville, SC  
\*Robert Watson Dunn .....Mt Pleasant, SC  
Thomas Hamilton Plyler .....Pawleys Island, SC  
Eric Jerod Swinton.....Georgetown, SC

#### Food Science

Anna Pauline Saunders .....Atlanta, GA

#### Forest Resource Management

\*Steven A Ham .....Goose Creek, SC  
Richard Russell McCutchen.....Bishopville, SC  
James McLeod Short III.....Lancaster, SC

#### Horticulture

Sarah Allison Hassell.....Mt Pleasant, SC  
Kirk Lanier Holmes .....Saluda, SC

#### Microbiology

Christopher Anthony Carlson .....Melbourne, FL  
Grant William Lyke.....Ridgeway, SC

#### Packaging Science

Parker Tate Fennell .....Columbia, SC  
James Patrick Lowery.....Manning, SC  
Anthony Mack II.....Alcolu, SC  
Justin Keith McKenzie .....Lake View, SC

#### Pre-Professional Studies

\*\*\*Joseph Elliott Taylor Gandy.....Isle of Palms, SC  
\*Jin Xia Guo .....Myrtle Beach, SC  
\*Elizabeth Caitlyn Hill.....Spartanburg, SC  
\*\*\*Jennifer Lynne Lakanen.....Birmingham, AL  
\*\*Allison Nicole Lee .....Columbia, SC  
\*\*Marley Anne Linder .....Charleston, SC  
Shawn Marina Thomas.....Belton, SC

#### Turfgrass

Travis Houston Durham.....Greer, SC

#### Wildlife and Fisheries Biology

Keegan S Gilbert.....Clemson, SC  
Thomas Ian Sullivan.....Ridgeway, SC

## COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

Richard E Goodstein, Dean

### BACHELOR OF FINE ARTS

Paige Chandler Glenn .....Greer, SC

### BACHELOR OF ARTS

#### Architecture

Laura Adrienne Lois Mauldin.....Pickens, SC  
Evan Morris .....Dallas, TX  
\*Kristen Robbins.....Irmo, SC

#### Communication Studies

Katherine Elaine Buechler.....Greenville, SC  
Julie Prather Gilstrap.....Greenville, SC  
\*\*\*Lee Anne Goforth.....Greenville, SC  
Stephanie Victoria Grider .....Rock Hill, SC  
\*\*\*Hillary Fairchild Porter .....Greenville, SC

## English

Warren Kenneth McElhaney ..... Mobile, AL  
Ashley Nicole Owen ..... Easley, SC  
\*\*\*Mylene Ells Smith ..... Seneca, SC  
Alison Leila Waldron ..... Atlanta, GA  
Meaghan O'Neill Waldron ..... Hanover, MA

## History

Joshua David Black ..... Travelers Rest, SC  
Ashley Brooke Rowand ..... Fort Mill, SC

## Language and International Trade

LeBranden John-Edward Anthony ..... Williamston, SC  
Taylor Lee Jones ..... Westbrook, CT  
Jeffrey Oris Mitchell ..... Greer, SC  
Shayla Yatrice Rucker ..... Nashville, TN  
\*Sebastian Philip Schrell ..... Tega Cay, SC  
Henry Vance Young III ..... Columbia, SC

## Modern Languages

\*Julia Lauren Drogen ..... New York, NY  
Ellen Marie Sutton ..... Greer, SC

## Philosophy

Taylor Andrew Morison ..... Holly Springs, NC

## Production Studies in Performing Arts

Paul Raymond Berger III ..... Sandusky, OH  
Cassidy A Fishman ..... Seneca, SC  
\*Jena Leigh LaBoone ..... Easley, SC  
\*Betsy Margaret Reilly O'Connor ..... Fredericksburg, VA

## DOUBLE MAJOR

### English and Spanish

Michael Cassidy FitzMaurice ..... Lexington, SC

## BACHELOR OF SCIENCE

### Construction Science and Management

Jackson Holt Emerson ..... Rock Hill, SC  
Frank Dantzer Hemphill III ..... Irmo, SC  
Anthony Austin Hood ..... Greenwood, SC  
Andrew James Sturgis ..... Taylors, SC  
Stephen Wofford White ..... Beaufort, SC

### Language and International Health

Lauren Elizabeth Barnett ..... Greenville, SC

## COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

Claude C Lilly, Dean

## BACHELOR OF ARTS

### Economics

Richard William Hammonds ..... Milton, GA  
William Frank Kirwan III ..... Charleston, SC  
Mitchell Bryan Sink ..... Tega Cay, SC  
\*Christopher James Todd ..... Hilton Head Island, SC  
\*\*Robert Harrison Woolston ..... Greenwood, SC  
\*Emily DeVane Young ..... Columbia, SC

### Political Science

\*\*Matthew Steven Davis ..... Orangeburg, SC  
\*\*Stevi Nicole Frost ..... Galax, VA  
Haley Mariam Hamam ..... Greenville, SC  
Charles Alexander Patterson House ..... Summerville, SC  
Janelle L Reid ..... Longwood, FL  
Davis Sandefer Ridley, Jr. .... Dallas, TX  
Terrell Jamal Rodgers ..... Greeleyville, SC  
Emnet Mesgun Sebhatu ..... Rock Hill, SC

### Psychology

\*Rae Marlene Bradley ..... Sudbury, MA  
Lauren Elizabeth Castrinos ..... Anderson, SC  
\*Erin Marie Hentschel ..... Columbia, SC  
Carmen Ellesse Jefferson ..... Union, SC  
Carie Elizabeth McClendon ..... Greenwood, SC  
Summer Denae Priddy ..... Six Mile, SC  
\*Charles P Toney ..... Lexington, SC

### Sociology

Kathleen Marie Herring ..... Greenville, SC  
Katelyn Marie Hines ..... Easley, SC  
Kaylee Marie Lamoreau ..... Johns Island, SC  
Caitlin Ann McPherson ..... Middleburg, FL  
William Bretton Meadors ..... Lexington, KY  
Lana Marlane Newton ..... Taylors, SC  
Jennifer Leigh Nisbett ..... Orlando, FL  
Joshua Scott Shuba ..... Greenville, SC  
Richard Thomas Tewkesbury ..... Spartanburg, SC  
Julianne Elizabeth Ward ..... Simpsonville, SC

## BACHELOR OF SCIENCE

### Accounting

\*Charles Zachary Bilinski ..... Kenner, LA  
Christopher Bodeker ..... Red Bank, NJ  
Jamison Walter Buehler ..... Charleston, SC  
Matt L Hannon ..... Greer, SC  
Eric Deion Lewis ..... Chesnee, SC  
\*Tara Lyn Sarno ..... Longmeadow, MA  
Curtis William Strasburg ..... Oak Hill, VA  
Savannah Dixon Wigington ..... Seneca, SC

## Economics

Kevin Michael Gwiazdowski..... Virginia Beach, VA  
John Plyler Mann III..... Greenville, SC  
Cole Joseph Sellazzo ..... Charleston, SC  
\*\*Matthew Alan Skinner ..... Jacksonville, FL

## Financial Management

Alix Keith Anderson..... Greenwood, SC  
Jonathan R Buhrow..... Central, SC  
Kevin Michael Campbell ..... Hickory, NC  
Randall Charles Cheek, Jr..... Six Mile, SC  
\*John Ryan Duane ..... Irmo, SC  
Davis Allen Griffin ..... Florence, SC  
Kyle Henson Herlong ..... Manning, SC  
Joel Montgomery Morrow ..... Clemmons, NC  
Michael Daniel Smith..... Augusta, GA  
Jasen Michael Turnbull..... Northville, MI  
Zhuoyi Wang..... Beijing, China  
Meaghan Courtney Wayson ..... Summerville, SC  
Laurin Nicole Wilson ..... Spartanburg, SC

## Graphic Communications

Kristen Michelle Myers ..... Columbia, SC

## Management

\*\*\*Dustin Cruz Atkins..... Easley, SC  
Asheton Grey Atyeo..... Central, SC  
Taylor Jackson Baumgarner ..... Easley, SC  
Matthew Christian Bedenbaugh ..... Lexington, SC  
Brandi Nicole Binion ..... College Park, GA  
Matthew Lee Blackmon ..... Pickens, SC  
Matthew Ryan Carter ..... Easley, SC  
William Garrett Chapman ..... Anderson, SC  
Christen Marie Clinkscales ..... Greenville, SC  
Christopher Lee Collins ..... Orangeburg, SC  
Aaron M Crutchfield..... Bluffton, SC  
Alex Ali Darroudi ..... Clemson, SC  
Jacob Bradley Davis..... North Augusta, SC  
Terence Davis..... Summerville, SC  
David Keith Douglas..... Taylors, SC  
Chad Alan DuBard..... Rock Hill, SC  
\*Norwood David DuRant, Jr..... Murrells Inlet, SC  
David Wayne Elkin ..... Chapin, SC  
Emma Elizabeth Ellis ..... Prosperity, SC  
John David Gabriel..... Charleston, SC  
Aaron Thomas Garcia ..... Aiken, SC  
David Francis Gordon, Jr. .... Macungie, PA  
Jordan Asher Gottschall ..... Greer, SC  
Matthew Ryan Grandy..... Greenville, SC  
Jacobus Havenga ..... Pawleys Island, SC  
Christine Laura Hehmann ..... Greenville, SC  
Matthew Byrnes Hyman ..... Darlington, SC  
Travis Lee Jones ..... Greer, SC  
Robert James Kruer III ..... Atlanta, GA  
Demetrius O'Neal Lee..... Charleston, SC  
George Stephen Manley ..... Easley, SC  
Jamie E M Martin ..... Beaufort, SC  
Joseph Yopp McElveen IV ..... Mauldin, SC

## Management (continued)

Joseph Wilson McKain..... Greenville, SC  
Ashley Nicole Migioia..... Summerville, SC  
Lauren Rebecca Moore..... Pickens, SC  
Troy David Morris..... Frostburg, MD  
Stephanie Michele Nobles ..... Bluffton, SC  
Meghan Lord Patrick ..... Charlotte, NC  
Stephen Gordon Perry, Jr. .... Columbia, SC  
Larry P Pitts, Jr. .... Henrico, VA  
Kerrace Jamal Pressley..... Hemingway, SC  
Brett Jonathan Rizzo ..... Marstons Mills, MA  
Douglas Anthony Serieno II..... Simpsonville, SC  
Michael Joseph Speer..... Mt Pleasant, SC  
\*Ryan Michael Sullivan..... Owings Mills, MD  
Christina Joy Sweeten ..... Blythewood, SC  
Robert McMillan Todd..... Greenville, SC  
Jacob Landon Walker ..... North Wilkesboro, NC  
William Daniel Webber..... Anderson, SC  
Sarah Ashley Whitaker ..... Greenville, SC  
Maggie Lynn Williamson..... Dillon, SC

## Marketing

Christian D Allen ..... San Francisco, CA  
Caroline Brown Aneskievich..... Hanahan, SC  
Janna Ashley Bankston ..... Greenville, SC  
Shawn Lindsey Boyd ..... Summerville, SC  
\*Morgan Bradi Dobson ..... Easley, SC  
Brianna Nicole Eason ..... Charlotte, NC  
\*\*Lauren Michele Garcia ..... Aiken, SC  
Delvin Rashard Hall ..... St Augustine, FL  
George Walker Lattimore ..... Austin, TX  
Michael Alexander Soowal ..... Blue Bell, PA  
Amber June Sorochinsky ..... Greenville, SC  
Kevin Ross White ..... Metairie, LA

## Political Science

William Alexander Cutler ..... Ayden, NC  
Bobbie Katherine Long ..... Greenville, SC  
\*Christopher James Todd ..... Hilton Head Island, SC

## Psychology

Maurice LeShawn Abrams..... Sumter, SC  
Eric Steven Browning ..... Greenville, SC  
(Degree awarded posthumously)  
Sarah Elizabeth Johnson..... Charleston, SC  
Julia Margaret Lesslie..... Charleston, SC  
\*Holly Elizabeth O'Neil..... Bluffton, SC  
\*Sarah Elizabeth Sease ..... Barnwell, SC  
Frank Sanders Stern ..... Greenville, SC  
Richard Paul Swanson III ..... Duncan, SC  
Jeffrey Michael Thompson..... Simpsonville, SC  
Earl Vincent Windell III ..... Fort Mill, SC

## Sociology

Gillian Kay Fleck..... Greer, SC  
Corey Arnold Green..... North Myrtle Beach, SC  
Matt L Hannon..... Greer, SC

**Sociology (continued)**

Michael Dwayne Edward Irby..... Clinton, SC  
Aimee Jill Punkosdy..... Anderson, SC

**COLLEGE OF ENGINEERING AND SCIENCE**

**Esin Gulari, Dean**

**BACHELOR OF ARTS**

**Mathematical Sciences**

Meredith Leigh Meredith ..... Dallas, TX

**BACHELOR OF SCIENCE**

**Bioengineering**

\*Nolan Miller Horrall..... Lexington, KY  
Timothy Ervin Laird..... Greenville, SC

**Ceramic and Materials Engineering**

Michelle Valencia Buckley..... St Petersburg, FL  
Jason Gary Dunnagan ..... Lexington, SC  
Scott Kenneth Winston..... Greer, SC

**Chemical Engineering**

Kristin Marie Cook..... Greenville, SC  
Rion Michael Sweet..... Lake Wylie, SC  
Lea Almon Thomas ..... Newberry, SC

**Chemistry**

Daniel George Funer ..... Taylors, SC

**Civil Engineering**

Matthew Albert Aversa .....Boxford, MA  
Richard Austin Coleman.....Columbia, SC  
Daniel Christopher Flowers ..... Hartsville, SC  
Benjamin Lance Keefer..... Sumter, SC  
Stanley R Mack, Jr..... Orangeburg, SC  
Timothy Matthew McDaniel .....Seneca, SC  
Kristopher Stillman Miller.....Mt Pleasant, SC  
William Kyle Murphy ..... Greenwood, SC  
Craig H Nauman ..... Cleveland, OH  
Christopher Calhoun Robinson ..... Greenwood, SC  
George Lockwood Tupper IV .....Summerville, SC

**Computer Engineering**

Kevin Arnold Coley, Jr..... Aiken, SC  
John Lowell Ellison, Jr. .... Prosperity, SC  
Jeffrey Allen Heider ..... Aiken, SC  
Ankit Malik ..... Delhi, India  
\*Matthew A Norris ..... Moore, SC  
\*Karan Sapra.....Gurgoan, India  
Cara Levette Singletary.....Lake City, SC  
\*Andrew Clement Van Hise.....Hilton Head Island, SC

**Computer Science**

Kumar Nishat..... Jamshedpur, India

**Electrical Engineering**

William Fletcher Rawls, Jr. .... Hartsville, SC

**Geology**

Duncan Rudd Olsen.....McLean, VA

**Industrial Engineering**

William Joel Gilliam..... Taylors, SC  
†\*\*\*Rahul Colin Karanth.....Bristow, VA  
David William Markert, Jr. ....Duluth, GA

**Mathematical Sciences**

Logan Junichi Reece ..... Greenville, SC  
\*\*\*Bryce Thomas Richards ..... Charleston, SC  
†\*Reid Everett Sanders ..... Hendersonville, NC  
\*Sarah Elizabeth Sease ..... Barnwell, SC

**Mechanical Engineering**

James Dustin Clark..... Fort Mill, SC  
Yonatan Getachew ..... Orangeburg, SC  
David Jeter Griffin, Jr. .... Waxhaw, NC  
Christopher Hunter Long ..... Simpsonville, SC  
†\*Michael Morgan Quandt ..... Indialantic, FL  
Cristina L Shorts.....Seneca, SC  
†\*\*Colin Smith..... Intervale, NH  
\*Jian Zeng..... Charleston, SC

**Physics**

John S Scott, Jr. .... Bishopville, SC

**COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT**

**Lawrence R Allen, Dean**

**BACHELOR OF ARTS**

**Early Childhood Education**

\*Jana Michelle Breitmeier..... Greenwood, SC  
\*Susan Cunningham Dover .....Simpsonville, SC  
Meredith Brooke Puckett..... Simpsonville, SC  
\*\*Kerstin Nicole Villeponteaux .....Moncks Corner, SC

**Elementary Education**

Mary Holly Rushton ..... Greer, SC

**Secondary Education**

Edward Drew Brittain.....Norris, SC  
Brooke Nicole Burton ..... Seneca, SC

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### Special Education

Sara Elizabeth Gladden ..... Mt Pleasant, SC

### BACHELOR OF SCIENCE

#### Health Science

Katherine Adams ..... Hartsville, SC  
Lauren Rebecca Alexander ..... Simpsonville, SC  
Jordan Elliott Duncan ..... Easley, SC  
Christopher William Handley ..... Florence, SC  
\*\*\*Daniel William Harris ..... Charleston, SC  
Stewart Reid Hovis ..... Rock Hill, SC  
Brooke Kaitlyn Kohler ..... Jupiter, FL  
Kyle Nissen McGill ..... Chapin, SC  
April Renee Sinkler ..... Stafford, VA  
Janelle Erin Sittema ..... Charlotte, NC  
Jenna Lorae Zylstra ..... Greer, SC

#### Nursing

\*\*Karlin T Bacher ..... Westminster, SC  
\*\*\*Teresa Ann Bowers ..... Tallmadge, OH  
Tina Elaine Coffey ..... Point Pleasant, NJ  
\*Chandal Leigh Donovan ..... Greenville, SC  
Simon Blaine Forrester ..... Easley, SC  
\*\*\*Sandra Cue Gold ..... Greenville, SC  
\*\*\*Laura Kathryn Gore ..... Simpsonville, SC  
\*\*\*Jessica Marie Hairston ..... Greer, SC  
\*\*Sara Ann Cummings Hopkins ..... Simpsonville, SC  
\*Jessica Shay Jeanes ..... Pelzer, SC  
\*\*\*Denise E Lepage ..... Spartanburg, SC  
\*\*\*Madeline Sally Lubenow ..... Oak Brook, IL  
Dori Leigh McCall ..... West Union, SC  
\*\*\*Cynthia Crosby Morris ..... Greenville, SC  
\*\*\*Elizabeth Young Raynor ..... Anderson, SC  
\*\*\*Allison Luree Sargent ..... Gray Court, SC

### Nursing (continued)

\*\*\*Michelle Leigh Smith ..... Greenville, SC  
\*Syrantha DeShone Tate ..... Mauldin, SC  
\*\*\*Crystal Lynn Vaughn ..... Anderson, SC  
Jenkins Michelle Wade ..... Fort Mill, SC  
\*\*Jennifer Leigh Watts ..... Charlotte, NC

#### Parks, Recreation and Tourism Management

Jordan McQuinn Alexander ..... Milton, GA  
Katherine Elizabeth Ashley ..... Anderson, SC  
Kourtnei Tyrone Brown ..... Charlotte, NC  
William Garrett Chapman ..... Anderson, SC  
Margaret Katherine D'Anna ..... Essex, MD  
Lee Alexander Dorsam ..... Mt Pleasant, SC  
\*Eric Dean Farmer ..... Cashiers, NC  
Michael Elliott Inabinet ..... Greer, SC  
Brittany Leigh Levy ..... Columbia, SC  
Niko M Marrocco ..... New Hampton, NY  
\*Kathryn Amanda Martin ..... Columbia, SC  
Catherine Robinson Miller ..... Spartanburg, SC  
Anna Flowers Price ..... Columbia, SC  
\*\*Rebecca Kellie Price ..... Inman, SC  
Alison Lorraine Richards ..... Simpsonville, SC  
Mary Lindsey Ruff ..... Simpsonville, SC  
Robert Thomas Shaw ..... Central, SC  
Sydney Marie Simmons ..... Laurens, SC  
Walker Randolph Suits ..... Irmo, SC  
Bradley Chase Weathers ..... Greenville, SC  
Conner Michael Webb ..... Oklahoma City, OK  
\*Andrew James Zeilstra ..... Seneca, SC

#### Secondary Education

Jess Ramey Bowers ..... Mountain Rest, SC  
Matthew Alan Fallow ..... Seneca, SC

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\***Cum laude:** A grade-point ratio of 3.40 to 3.69

\*\***Magna cum laude:** A grade-point ratio of 3.70 to 3.89

\*\*\***Summa cum laude:** A grade-point ratio of 3.90 to 4.00

†**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 ratio 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.

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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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## AWARDS

### BOARD OF VISITORS GRADUATE RESEARCHER AWARD

The Outstanding Graduate Researcher Award recognizes students annually for excellence in graduate research, one of the core elements of Clemson University's mission. The award, sponsored by the Clemson University Research Foundation, carries a cash prize, the students' names engraved on a perpetual plaque housed in the Graduate School, and a bronze medallion. Students are nominated by faculty in their departments and chosen by the Graduate School's Fellowship and Awards Committee.

*Recipients of the Board of Visitors Graduate Researcher Award for 2011*

**Paul Lawrence Goethals, Jr.**

**Hem Chandra Joshi**

**Jenna Lori Scisco**

### BOARD OF VISITORS GRADUATE TEACHING ASSISTANT AWARD

The Graduate Teaching Assistant Award was established to recognize the valuable contributions that graduate teaching assistants make to the education of Clemson undergraduate students. Individuals are selected each year from nominations by students and endorsed by University faculty. A bronze medallion is presented to each recipient and the award carries with it a stipend of five hundred dollars.

*Recipients of the Board of Visitors Graduate Teaching Assistant Award for 2011*

**Projesh Prasad Ghosh**

**Nishant Gupta**

**Catherine Mary Trentacoste**



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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 "staves 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.

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## 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 always.

### *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.