

8-10-2012

# Clemson Commencement Program, August 2012

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 10, 2012**

**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

Class of 1951	Class of 1954	Class of 1955
Lewie L Bates	William W Bellamy	Sanford N Smith
Thomas C Mann	Carl B Bishop	
	James E Duffy	

### **INVOCATION**

Lauren Malihe Semsar, 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**

Thomas Fields Hash

### **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

Faculty Scholarship Award

Ms. Becky Bowman, Organist/Soloist

Dr. Glenn P Birrenkott, Jr., University Marshal

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## BOARD OF TRUSTEES

David H Wilkins, Chairman .....	Greenville
Robert L Peeler, Vice Chairman.....	Lexington
Bill L Amick .....	Batesburg-Leesville
David E Dukes .....	Columbia
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
William C Smith, Jr.....	Columbia
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
Thomas B McTeer, Jr. ....	Columbia
D Leslie Tindal .....	Pinewood
Allen P Wood .....	Florence

### Executive Secretary to the Board of Trustees

Angie Leidinger

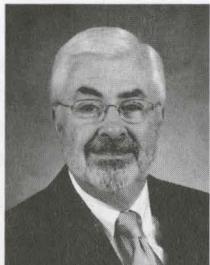
## ADMINISTRATIVE OFFICERS

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 .....	Vice President for Finance and Operations
Gail DiSabatino .....	Vice President for Student Affairs
W C Hood.....	General Counsel
John W Kelly...Vice President for Economic Development	
Terry Don Phillips.....	Director of Athletics
Gerald Sonnenfeld.....	Vice President for Research
Leon E Wiles .....	Chief Diversity Officer

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## HONORARY DEGREE

### Thomas Fields Hash Doctorate of Science



Thomas Fields Hash defines his passion as “guiding society toward a development model that allows today’s generation to fulfill its needs without preventing future generations from fulfilling theirs.”

A 1969 Clemson graduate with a degree in mechanical engineering, Hash first embraced the concept of sustainable development more than a decade ago as a senior executive with Bechtel Corp., one of the world’s largest engineering and construction firms, when the firm adopted sustainability as one of its core values.

Hash joined Bechtel Group Inc. in 1996 as vice president for business development. Within three years, he was appointed president of Bechtel National Inc., the high-technology government-contracting arm of the corporation. He helped the company achieve significant growth by winning engineering, construction and operations contracts for major U.S. government projects before retiring in 2007 as president and board chairman of Bechtel Systems & Infrastructure Inc.

A leading industry figure in the government services market, Hash previously worked for 26 years with manufacturing giant Babcock & Wilcox Co., a company specializing in advanced energy and operational solutions. Starting as a process engineer, he spent over half of his Babcock & Wilcox career in various management positions, concluding with his service as president of the Federal Services Division.

Hash’s personal and professional passion for sustainability and its importance to future generations led him to donate \$2 million to endow a chair in the field of sustainability at Clemson in 2010. The Thomas F Hash ’69 Endowed Chair in Sustainable Development is the first such position in Clemson’s Center of Economic Excellence in Sustainable Development, created to develop new technologies to foster sustainability, protect the state’s natural resources and encourage smart growth. The Hashes also have contributed to the David E Shi Center for Sustainability at Furman University.

While Tom Hash’s professional pursuits took him all over the world, he remained involved with his alma mater. He has contributed his time and talent by serving on the Clemson University Foundation Board and the President’s Advisory Board. For distinguished work in his field, Clemson named Hash an Alumni Fellow of the College of Engineering and Science in 2002.

Hash also has been active in numerous civic organizations, including United Way, Boy Scouts of America, Junior Achievement and the San Francisco Center for the Arts.

A native of Easton, Md., Hash also holds a master’s degree in business administration from Lynchburg College in Virginia. He continues to consult with a venture capital firm in New York and is on the S.C. Research Authority Strategic Advisory Group in Charleston.

It is a most significant occasion when Clemson University recognizes and honors one of its own alumni for eminent achievement and meritorious contributions to his profession, his alma mater and future generations. It is a distinct privilege to present the honorary degree, Doctorate of Science, to Thomas Fields Hash.

## 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**  
Karen J L Burg, Interim Dean, Graduate School

**COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES**

**DOCTOR OF PHILOSOPHY**

**Applied Economics**

Samuel David Zapata Raudales ..... Tegucigalpa, Honduras  
B.S., Escuela Agricola Pan Americana  
Dissertation: Three Essays on Contingent Valuation  
Advisor: Dr. C Carpio

**Biochemistry and Molecular Biology**

Yi Xu ..... Changzhou, China  
B.E., China Pharmaceutical University  
Dissertation: Lignin Modification in Arabidopsis and Populous for Studies of Gene Function and Improving Lignin Degradation  
Advisor: Dr. H Liang

**Biological Sciences**

Kirk John Parmenter ..... Little Valley, NY  
B.S., Saint Bonaventure University; M.S., Clemson University  
Dissertation: The Effects of Drought on the Abundance of the Blue Crab, Callinectes sapidus, in the ACE Basin NERR in South Carolina  
Advisor: Dr. M Childress

**Entomology**

Dustin Andrew Swanson ..... Aledo, IL  
B.S., Illinois College; M.S., Clemson University  
Dissertation: Ecology and Phylogeny of the Biting-Midge Genus Culicoides (Diptera: Ceratopogonidae)  
Advisor: Dr. P Adler

**Environmental Toxicology**

Diana Lauren Delach ..... St James, NY  
B.S., State University of New York at Binghamton  
Dissertation: Spider-Mediated Transport of Polychlorinated Biphenyls (PCBS) Across Riparian Ecotones  
Advisor: Dr. C Lee

Andrew Nicholas Sayer ..... Lake George, NY  
B.S., State University of New York at Geneseo; M.S., East Carolina University  
Dissertation: The Influence of Land Use on Fish Health and Fish Communities in Wadeable Streams in South Carolina  
Advisor: Dr. S Klaine

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## Wildlife and Fisheries Biology

Jason Robert Courier ..... Grand Rapids, MI  
B.A., Taylor University; M.S., Eastern Kentucky University  
Dissertation: Avian Phenology, Climate, and Land-Use Conservation Assessed at Broad Scales  
Using Interdisciplinary Approaches and Citizen Science  
Advisor: Dr. R Johnson

Stephan Wolfe Irwin..... Easley, SC  
B.S., M.S., Clemson University  
Dissertation: Mass Latex Balloons Releases and the Potential Effects on Wildlife  
Advisor: Dr. W Bowerman

Danny Russell Jones .....Clemson, SC  
B.S., University of Kentucky; M.S., Eastern Kentucky University  
Dissertation: The Crayfish (Decapoda: Cambaridae) Subgenus *Hiaticambarus*: Undescribed  
Diversity and Life History Characteristics of Selected Members  
Advisor: Dr. W English

## COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

### DOCTOR OF PHILOSOPHY

#### Planning, Design and the Built Environment

David B Hueber ..... Ponte Vedra Beach, FL  
B.A., M.A., University of Memphis  
Dissertation: The Changing Face of the Game and Golf's Built Environment  
Advisor: Dr. E Worzala

#### Rhetorics, Communication and Information Design

Wendy Leigh Blanchard ..... Beaufort, SC  
B.A., Emory University; M.A.T., University of South Carolina; M.A., New York University  
Dissertation: Adolescent Perceptions of Digital Play: A Study in Third-Person Effects  
Advisor: Dr. B Denham

Anthony Joseph Collamati ..... Terre Haute, IN  
B.A., Saint Anselm College; M.A., Loyola University of Chicago  
Dissertation: Camera Creatures: Rhetorics of Light and Emergent Media  
Advisor: Dr. V Vitanza

John Dominic Dinolfo .....Central, SC  
B.A., Villanova University; M.A., Florida State University  
Dissertation: Analyzing Nurse-Physician Discursive Practices in Acute Patient Care  
Advisor: Dr. B Denham

Nicole Elaine Snell ..... Reseda, CA  
B.A., Gallaudet University; M.A., California State University, Northridge  
Dissertation: The User Experience of Closed Captioning: An Exploratory Study  
Advisor: Dr. T Howard

---

## COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

### DOCTOR OF PHILOSOPHY

#### Economics

Bing Bai.....Hubei, China

B.A., Beijing Foreign Studies University; M.A., Clemson University

Dissertation: Essays in Family Economics

Advisor: Dr. R Tamura

Adam Nathan Blott .....Glen Ellyn, IL

B.A., Miami University; M.S., Clemson University

Dissertation: Gender, Occupational Choice and Flexible Work Schedules

Advisor: Dr. C Simon

Matthew William Clance.....Atlanta, GA

B.S., Georgia College and State University

Dissertation: Essays in International Trade

Advisor: Dr. S Baier

Liudmila Leonidovna Kashcheeva.....Chelyabinsk, Russia

B.A., South Ural State University

Dissertation: Essays on Property Rights

Advisor: Dr. K Tsui

Michael Drew Scott.....Clinton, OK

B.B.A, M.A., University of Oklahoma; M.A., Clemson University

Dissertation: Financial Liberalization and the Severity of Systemic Banking Crises

Advisor: Dr. M Jerzmanowski

Meng Wang.....Zhongjiang, China

B.A., Sichuan University; M.A., Shanghai University; M.A., Clemson University

Dissertation: Essays on Eminent Domain and Property Rights

Advisor: Dr. W Dougan

#### Industrial/Organizational Psychology

Rebekkah Faith Wills Beeco.....Bowling Green, OH

B.A., Emory and Henry College; M.S., Clemson University

Dissertation: Effectiveness of CEO Blogs as a Recruiting Tool: Impact of Message Congruence  
with Applicant Personality and Implicit Leadership Theories

Advisor: Dr. P Raymark

Katherine Zaner Williams .....Clemson, SC

B.S., Stetson University; M.Ed., University of South Carolina; M.S., Clemson University

Dissertation: Does Practice Make Perfect? Effects of Feedback and Practice on  
Interview Performance

Advisor: Dr. P Raymark

#### Management

Tracy D Johnson-Hall .....Danville, PA

B.E., Vanderbilt University

Dissertation: Essays on Product Recall Strategies and Effectiveness in the FDA-Regulated Food  
Sector

Advisor: Dr. A Roth

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**Management (continued)**

Enrico Secchi ..... Cagliari, Italy  
B.A., University of Cagliari; M.S., Clemson University  
Dissertation: Essays on Service Improvisation Competence: Evidence from the Hospitality  
Industry  
Advisor: Dr. A Roth

**COLLEGE OF ENGINEERING AND SCIENCE**  
**DOCTOR OF PHILOSOPHY**

**Automotive Engineering**

Wesley A Salandro ..... Latrobe, PA  
B.S., Pennsylvania State University  
Dissertation: Thermomechanical Modeling the Electrically-Assisted Manufacturing (EAM)  
Technique during Open Die Forging  
Advisor: Dr. L Mears

Xian Zhang ..... Chongqing, China  
B.S., M.S., Tsinghua University  
Dissertation: Prognostic and Health-Management Oriented Fuel Cell Modeling and On-Line  
Supervisory System Development  
Advisor: Dr. P Pisu

**Bioengineering**

Jonathan Yu-Wen Kuo ..... Snellville, GA  
B.S., Cornell University  
Dissertation: Bioengineering Approach to Understanding TMJ Pathobiology  
Advisor: Dr. H Yao

Shawn M Olsen ..... Greenville, SC  
B.S., M.S., Clemson University  
Dissertation: Investigating the Role of Mechanosensitive Ion Channels in Urothelial Cell Pressure  
Mechanotransduction  
Advisor: Dr. J Nagatomi

Ravikiran Bhaskar Singapogu ..... Hyderabad, India  
B.T., Jawaharlal Nehru Technology University; M.S., Clemson University  
Dissertation: A Novel Haptic Simulator for Evaluating and Training Salient Force-Based Skills  
for Laparoscopic Surgery  
Advisors: Dr. K Burg and Dr. T Burg

**Chemical Engineering**

Daniel Wandera ..... Busia, Uganda  
B.S., Makerere University  
Dissertation: Design of Advanced Fouling-Resistant and Self-Cleaning Membranes for Treatment  
of Oily and Impaired Waters  
Advisor: Dr. S Husson

---

## Chemistry

Jennings Palmer West ..... Greenwood, SC  
B.S., Clemson University  
Dissertation: Synthesis and Characterization of Magnetic Solids Featuring 3d-4f Heterometallic Oxides Comprised of Spin Chains and 3d-6p Noncentrosymmetric Oxides Templated by Acentric Salt Units  
Advisor: Dr. S Hwu

## Civil Engineering

Zahra Baratian-Ghorghi.....Mashhad, Iran  
B.S., Ferdowsi University of Mashhad; M.S., Sharif University of Technology  
Dissertation: Flushing of a Dense Fluid from an Isolated Urban Canyon  
Advisor: Dr. N Kaye

Seyed Masood Hassanzadeh Shirazi .....Shiraz, Iran  
M.S., University of Tehran  
Dissertation: Propagation of Uncertainty in Light-Frame Wood Buildings  
Advisor: Dr. W Pang

Joshua Lewis Hegenderfer .....Centerburg, OH  
B.S., Kent State University; M.S., Clemson University  
Dissertation: Resource Allocation Framework: Validation of Numerical Models of Complex Engineering Systems against Physical Experiments  
Advisor: Dr. S Atamturktur

## Computer Science

Hao Jiang .....Yangzhou, China  
B.S., M.S., Nanjing University of Posts and Telecommunications  
Dissertation: Fast and Efficient Classification, Tracking, and Simulation in Wireless Sensor Networks  
Advisor: Dr. J Hallstrom

## Electrical Engineering

Salil Partha Banerjee.....Maharashtra, India  
B.E., University of Mumbai  
Dissertation: Improving Accuracy in UWB Indoor Position Tracking through Noise Modeling and Augmentation  
Advisor: Dr. A Hoover

Zheng Zhao .....Baoding, China  
B.E., North China Electric Power University; M.S., Clemson University  
Dissertation: Optimal Energy Management for Microgrids  
Advisor: Dr. E Makram

## Environmental Engineering and Science

Xiaoling Liu .....Central, SC  
B.E., B.A., Tsinghua University; M.S., Clemson University  
Dissertation: Laboratory Characterization and Theoretical Analysis of Contaminant Mass Transfer during Boiling in Fractured Clay  
Advisor: Dr. L Murdoch

---

## Industrial Engineering

Damitha Niranjan Nalaka Bandara.....Clemson, SC  
B.S., University of Peradeniya; M.S., Clemson University  
Dissertation: Districting and Dispatching Policies to Improve the Efficiency of Emergency Medical Service (EMS) Systems  
Advisor: Dr. M Mayorga

## Materials Science and Engineering

Michael Angelo Anthony Daniele.....Paterson, NJ  
B.S., Rutgers University  
Dissertation: Engineering Single-Molecule, Nanoscale, and Microscale Biofunctional Materials via Click Chemistry  
Advisor: Dr. S Foulger

Mathew Abraham Kuttolamadom.....Greenville, SC  
B.Tech., University of Kerala; M.S., University of Detroit  
Dissertation: Prediction of the Wear and Evolution of Cutting Tools in a Carbide / Ti-6Al-4V Machining Tribosystem by Volumetric Tool Wear Characterization and Modeling  
Advisor: Dr. L Mears

Daria Monaenkova .....Moscow, Russia  
M.S., Moscow Aviation Technological Institute  
Dissertation: Elasto-Capillarity in Fibrous Materials  
Advisor: Dr. K Kornev

Alexander Vitalievich Tokarev.....Clemson, SC  
M.S., Saint Petersburg State University of Information Technologies  
Dissertation: Magnetic Nanorods to Probe and Control Fluid Rheology at Microscale  
Advisor: Dr. K Kornev

## Mathematical Sciences

John S Cooper .....Ellicott City, MD  
B.S., University of Maryland College; M.S., Clemson University  
Dissertation: Sparsity Regularization in Diffuse Optical Tomography  
Advisor: Dr. T Khan

Catherine Burch White .....Anderson, SC  
B.S., Presbyterian College; M.S., Clemson University  
Dissertation: Sensitivity Analysis and Detectability of Magnetic Resonance Elastography  
Advisor: Dr. J Yoon

Nicholas Edward Wilson .....Pickerington, OH  
B.S., M.A., Bowling Green State University  
Dissertation: Physics-Based Algorithms and Divergence Free Finite Elements for Coupled Flow Problems  
Advisor: Dr. L Rebholz

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## Physics

Priyanka Bhattacharya ..... Jaipur, India  
B.S., University of Delhi; M.S., Indian Institute of Technology  
Dissertation: Environmental Implications and Applications of Nanomaterial  
Advisor: Dr. P Ke

Ginger Lee Bryngelson ..... Waco, TX  
B.S., Northern Illinois University; M.S., Clemson University  
Dissertation: The Power of Thermonuclear Supernovae after One Year  
Advisor: Dr. M Leising

Daniel Ross Thompson ..... Liberty, SC  
B.S., Wofford College  
Dissertation: Thermoelectric Properties of Silicon Germanium: An In-Depth Study to the  
Reduction of Lattice Thermal Conductivity  
Advisor: Dr. T Tritt

## COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

### DOCTOR OF PHILOSOPHY

#### Curriculum and Instruction

Cynthia Joy Coss Baughan ..... Greenville, SC  
B.S., Bob Jones University; M.Ed., Clemson University  
Dissertation: An Examination of Predictive Factors Related to School Adjustment for Children  
with Disabilities Transitioning into Formal School Settings  
Advisor: Dr. A Katsiyannis

James Christian Collins ..... Easley, SC  
B.S., Coastal Carolina University; M.A., Ed.S., The Citadel  
Dissertation: Use of Portable Electronic Assistive Technology to Improve Independent  
Job Performance of Young Adults with Intellectual Disabilities  
Advisor: Dr. J Ryan

Jamie Rose Colwell ..... Greenville, SC  
B.A., M.A., Clemson University  
Dissertation: A Formative Experiment to Promote Disciplinary Literacy in Middle-School  
and Pre-Service Teacher Education through Blogging  
Advisor: Dr. D Reinking

Amy Talitha Hallenbeck ..... Maxeys, GA  
B.A., Georgia College and State University; M.S., Oklahoma State University  
Dissertation: The Last Thing We Have Left: A Single-Case Study of A Small, Rural, Mill-Town  
School Closing  
Advisor: Dr. S Rosenblith

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## Educational Leadership

Shelia Antley Counts .....Orangeburg, SC  
B.A., M.Ed., Clemson University  
Dissertation: Invisible Woman? Narratives of Black Women Leaders in Southeastern  
Two-Year Colleges  
Advisor: Dr. R Marion

Hu Jian .....Clemson, SC  
M.S., Jiangxi Normal University  
Dissertation: Adaptation of Chinese Graduate Students to the Academic Integrity of a  
U.S. University: A Mixed Methods Research  
Advisor: Dr. R Marion

Julian Carlton Lewis .....Greenville, SC  
B.S., University of Columbia; M.Ed., University of Georgia; Ed.S., Clemson University  
Dissertation: South Carolina Elementary Teachers' Perceptions of Principals Transformational  
Leadership in Academically Recognized and Other High Poverty School  
Advisor: Dr. J Lindle

## Parks, Recreation and Tourism Management

Lan-Lan Chang .....Changhua, Taiwan  
B.A., Feng Chia University; M.B.A., Da-Yeh University  
Dissertation: Influencing Factors on Creative Tourists Revisiting Intentions: The Roles of  
Motivation, Experience and Perceived Value  
Advisor: Dr. K Backman

Jeffrey Craig Skibins .....Hanover Park, IL  
B.A., Illinois Wesleyan University; M.S., Illinois State University  
Dissertation: The Influence of Flagship Species on In Situ and Ex Situ Wildlife Tourists'  
Connection to Wildlife and Pro-Conservation Behaviors  
Advisor: Dr. R Powell

## GRADUATE SCHOOL

### DOCTOR OF PHILOSOPHY

#### International Family and Community Studies

Kimberley Ann Brown-Faust .....Clemson, SC  
B.A., University of Western Ontario; M.Ed., Michigan State University  
Dissertation: Factors Explaining Nonprofit Leaders Intention to Build Capacity  
Advisor: Dr. B Holaday

Liepa Vasare Gust .....Durham, CT  
B.A., Northwestern University  
Dissertation: A New Civics in the Digital Age: Connecting Online and Offline Activism  
in Lithuania  
Advisor: Dr. S Limber

---

**International Family and Community Studies (continued)**

Natallia Sergeevna Sianko .....Smolensk, Russia  
B.A., Minsk State Linguistic University  
Dissertation: Democratic Orientations among Adolescents in Aspiring and Established  
Democracies  
Advisor: Dr. M Small

**Policy Studies**

Nikolay Anguelov.....Sofia, Bulgaria  
B.S., Fashion Institute of Technology; M.P.A., Clemson University  
Dissertation: Essays on Attractiveness of Multinational Corporations  
Advisors: Dr. A Roth and Dr. W Ward

# CANDIDATES FOR THE EDUCATION SPECIALIST AND MASTER'S DEGREE

Karen J L Burg, Interim Dean, Graduate School

## COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

### MASTER OF AGRICULTURAL EDUCATION

Waylon Henry Priester.....Brunson, SC

### MASTER OF FOREST RESOURCES

Christopher Charles Handley ..... Franklin, TN  
Molly Rebecca Kneece ..... Gilbert, SC

### MASTER OF SCIENCE

#### Applied Economics and Statistics

George Patterson Apperson III..... Greenville, SC  
Cesar Emilio Castellon Chicas..... Matagalpa, Nicaragua  
Katherine Elizabeth Collar ..... Florence, SC  
Kyle James Grottini..... Riverside, PA  
David Anthony Lorentz ..... Cincinnati, OH  
James Blaine Pflaum ..... New Smyrna Beach, FL

#### Biological Sciences

Elizabeth Macfie Butler ..... Camden, SC  
Angela Rose D'Amico ..... Fairfax, VA  
Katherine L Gleason ..... Cary, NC  
Ciara Anderson McKnight ..... Georgetown, SC  
Daniela Venditto Payne ..... Beaufort, SC  
Stevie Patricia Shirey ..... Summerville, SC  
Allan Walter Smith ..... Lyman, SC  
Maren O'Conner Smith ..... Evansville, IN

#### Entomology

Ginger Nicole Devinney ..... Rock Hill, SC  
Karena Jia Kwauk..... Huntsville, AL  
Kyle Stephen Parks..... Byfield, MA  
Shannon Mary Peterson ..... Webster, NY

#### Environmental Toxicology

Jessica Mierzejewski ..... Anchorage, AK  
Kim Meonia Newton ..... Clemson, SC  
Tara D Raftery..... Brick, NJ

#### Food, Nutrition and Culinary Sciences

Maria Catalina Aragon ..... San Jose, Costa Rica  
Xi Chen..... Central, SC  
Muthu Poruthotage Dharmasena..... Clemson, SC  
Keri Ann Lipscomb ..... Silverstreet, SC  
Jason Charles Raines ..... Orangeburg, SC  
Maciel Ugalde ..... San Jose, Costa Rica  
Xiaoting Xing ..... Taiyuan, China

### Forest Resources

Jennifer Lauren Evans..... Felton, DE  
Shawn Michael Kelly ..... Canton, OH

### Packaging Science

Sana Asrar..... Easley, SC  
William Alexander Bernal ..... Pendleton, SC  
Joanna Glenn Fischer ..... Anderson, SC  
Amanda Michelle Ward ..... Timonium, MD

### Plant and Environmental Sciences

Frank Gibson Bethea, Jr. ..... Saluda, SC  
Todd Driesse ..... Greenville, SC  
Robin Suzanne Landry ..... Griffin, GA  
Shane Gregory Reighard ..... Clemson, SC

### Wildlife and Fisheries Biology

Samantha Alice Collins ..... Georgetown, MA  
Eric Nkadula M Reson ..... Narok, Kenya  
David Bledsoe Stone ..... Blythewood, SC  
Carly Frances Summers ..... Spring City, PA

## COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

### MASTER OF CITY AND REGIONAL PLANNING

Nakisha Tena Fouch ..... Coshocton, OH

### MASTER OF CONSTRUCTION SCIENCE AND MANAGEMENT

Christopher Jonathan Bowers ..... Lexington, SC  
Snowil John Lopes ..... Clemson, SC  
Amey Prabhakar Satam ..... Mumbai, India

### MASTER OF ARTS

#### History

Anna Braunscheidel..... Williamsville, NY  
Jeffrey Steven Carey ..... Silver Spring, MD  
Madeleine Claire Forrest ..... Charlottesville, VA  
Sammy Ray Franks..... Anderson, SC  
Jonathan David Hepworth ..... Bountiful, UT  
Michael Shane Powers ..... Gainesville, FL

#### Professional Communication

Daniel Joseph Liddle ..... Naperville, IL  
Kimberly Elizabeth Sulak..... Grand Prairie, TX  
Michael M Utley ..... Clemson, SC  
Edgar Turner Vaughn ..... Gastonia, NC

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## MASTER OF SCIENCE

### Architecture

Custodia Maria Dengo ..... Maputo, Mozambique

## COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

### MASTER OF BUSINESS ADMINISTRATION

Julie L Bowers .....	Simpsonville, SC
Jeffrey John Braeunig.....	Mauldin, SC
Charles Austin Brookie .....	Greenville, SC
Steve Ryan Brouillette.....	Laurens, SC
Berryman Edwards Coggeshall IV.....	Murrells Inlet, SC
Lauren Nicole Cramer.....	Boiling Springs, SC
Sarah Elizabeth Dawkins .....	Laurens, SC
Lindsey Anne Duncan .....	Spartanburg, SC
Brian Loy Glass.....	Spartanburg, SC
Oliver Matthew Goldman .....	Greenville, SC
Robert Gordon .....	Piedmont, SC
Gregory Alan Grabert, Sr. ....	Kings Mountain, NC
Sarah Jane Grigg .....	Greenville, SC
Ross Scott Hartney.....	Roswell, GA
Jordan Ross Hudson .....	Anderson, SC
Anthony Hampton Johnston .....	Greenville, SC
Karl James Krull.....	Rochester, NY
Christopher Lee Laney .....	Johns Creek, GA
Wade Hampton Lindsey III .....	Spartanburg, SC
James Fitzsimons McAden.....	Columbia, SC
Adam Michael McCombs .....	Greenville, SC
Lori Ann McKitrick .....	Travelers Rest, SC
Valery I Ponyavin.....	Greenville, SC
Peter Riyad .....	Simpsonville, SC
Timothy Jerome Smith .....	Frenchtown, NJ
Jason Thomas Sturgis .....	Rock Hill, SC
Shayne Hastings Uhr .....	Greenville, SC
Catherine D Van Hoecke .....	Spartanburg, SC
Xi Wang .....	Central, SC
Eric Charles Watkins .....	Columbia, SC
James Shane Weir .....	Simpsonville, SC
Kasey Keith Wells .....	Greer, SC
Leslie R Williams, Jr. ....	Greenville, SC

### MASTER OF PROFESSIONAL ACCOUNTANCY

Caitlin Lara Baker.....	Clemson, SC
Charles Zachary Bilinski.....	New Orleans, LA
William M Boyd.....	Greenville, SC
Jacqueline R Buikema.....	Greenville, SC
Craig Mitchell Calhoun.....	Spartanburg, SC
Timothy Adam Cartee .....	Anderson, SC
Andrea Camille Chapman.....	Newberry, SC
Andrew William Clementi .....	Lake Wylie, SC
David C Erickson II.....	Greenville, SC
Kyle Michael Fischer .....	Anderson, SC
Amber Gable.....	Simpsonville, SC
Andrew Winston Godwin .....	Greer, SC

## MASTER OF PROFESSIONAL ACCOUNTANCY

(continued)

Megan Meredith Gorsline .....	Chattanooga, TN
James Daryl Guffey .....	Anderson, SC
Brittany Williams Hannon .....	Easley, SC
Sarah Elyse Head .....	Greenville, SC
Allison Brooke Holmes.....	Spartanburg, SC
Sarah MacFarland Hudson .....	Sparks, MD
Kyle Jeffrey Kreiger.....	Greer, SC
Thomas Todd Lankford, Jr. ....	Charlotte, NC
Kinley M McMillan.....	Edgefield, SC
Richard Harper Mitchell .....	Spartanburg, SC
Yining Ping.....	Dalian, China
Madison Alexandra Rankin .....	Anderson, SC
Matthew J Reichel.....	Aiken, SC
Michael Christopher Say .....	Indianola, IA
Ryan Patrick Scanlan .....	Charlotte, NC
Cortney Glynne Scott.....	Dallas, NC
Benjamin D Shirley .....	Greenwood, SC
Blake Hollingsworth Sieber .....	Greenville, SC
Hannah Elizabeth Slater.....	Greenville, SC
Cheryl Lynn Summers.....	Clemson, SC
John Avriett Taylor, Jr. ....	Florence, SC
Kathryn Leigh Vermillion.....	Greenville, SC
Courtney Anne Wieters .....	Clemmons, NC

### MASTER OF ARTS

#### Economics

Abdulateef Saleh Al Ismail .....	Alahssa, Saudi Arabia
Ouida Tenille Black .....	Spartanburg, SC
Brian T Fladger .....	Philadelphia, PA
Meron Ayalew Habtu.....	Addis Ababa, Ethiopia
Daniel Alan Medlen .....	Summerville, SC
Hongze Sun.....	Zhengzhou, China
Tengzhen Wang.....	Xi 'An, China
Leiyin Zhu .....	Shanghai, China

### MASTER OF SCIENCE

#### Applied Psychology

Bliss Altenhoff .....	San Marcos, TX
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#### Applied Sociology

Vanessa Nichole Dodd.....	Central, SC
Lulu Nie .....	Jiangxi, China
Kristin Lynn Richardson .....	Wendell, NC

#### Graphic Communications

Anand Mangesh Karde .....	Pune, India
Russell Hamer McGough .....	North Augusta, SC

#### Management

Christopher Joseph DiSanto .....	Harrisburg, PA
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## Marketing

Yunsik Choi .....	Central, SC
Morgan Bradi Dobson.....	Easley, SC
Virginia Lee Hill .....	Athens, GA
Sarah Elizabeth Ingle.....	Greer, SC
Kelsey Leigh Kolich.....	Cumming, GA
Courtney Lee Reeves .....	Travelers Rest, SC
Yuwen Shan.....	Jiangsu, China
Carrie Ann Slomczenski.....	Greenville, SC
Jordan Christopher Smith.....	Charlotte, NC

## COLLEGE OF ENGINEERING AND SCIENCE

### MASTER OF FINE ARTS

#### Digital Production Arts

Hongyuan Jia .....	Clemson, SC
Matthew Ryan Prestridge.....	Waxhaw, NC
Irena Marie Rindos.....	Chapel Hill, NC
Zachary James Trabookis .....	Greenville, SC
Matias Volonte.....	Cordoba, Argentina
Shirley Yu.....	Burlington, WI

### MASTER OF SCIENCE

#### Automotive Engineering

Rohit Allen .....	Kerala, India
Syed Aaqib Asad Andrabi .....	New Delhi, India
Chen Chen .....	Nanjing, China
Patrik Frommann.....	Nieder-Olm, Germany
Vignesh Gopal Shanbhag .....	Chennai, India
Justin Albert Hornby .....	Lehigh Acres, FL
Pushkar Joshi .....	Bharuch Gujarat, India
Tanawat Kongsmai .....	Trang, Thailand
Daniel Marlin Lind.....	Miami, FL
Bhavuk Makkar.....	New Delhi, India
Prathamesh Chandrashekhar Marathe .....	Thane, India
Cesar Eduardo Nunes.....	Caracas, Venezuela
Priyank Pankaj Pathak .....	Mumbai, India
Aniket Meghanath Patkar .....	Dombivli, India
Aakash Milan Patwa.....	Mumbai, India
Vivek Reddapani.....	Kolhapur, India
Chinmay Sanjay Sapre .....	Greenville, SC
Gregory John Schaupp .....	Easley, SC
Arvind Sekar .....	Chennai, India
Harsh Atul Shah .....	Mumbai, India
Harshal Hemant Shah .....	Mumbai, India
Adarsh P Shenoy.....	Karnataka, India
Tejas Ashok Sonavane.....	Mumbai, India
Amey Tukaram Thorat .....	Mumbai, India
Arees Kumar Uthayasurian .....	Coimbatore, India
Daniel Charles Williams .....	Greenville, SC
Yubin Xi .....	Greenville, SC
Xiao Zhang .....	Qingdao, China
Xiaocheng Zhang .....	Hubei, China

## Bioengineering

John N Barry.....	Clemson, SC
Paul Arthur Blichmann .....	Clemson, SC
Laura Christine Bowman .....	Houston, TX
Erika Kirby Jelen .....	Severna Park, MD
Jayne Nicole Looper.....	Lexington, SC
Britton Miles McCaskill .....	Chapin, SC
Richard Pascal III .....	Chapin, SC
Wayne Russell Reeder, Jr. ....	Goose Creek, SC
Aditi Sinha .....	Clemson, SC
Daniel Robert Tripi .....	South Jordan, UT
Thomas John Willi .....	Mt Pleasant, SC

## Biosystems Engineering

Shwetha Sivakaminathan .....	Chennai, India
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## Chemical Engineering

Ozgun Ozdemir .....	Ankara, Turkey
Andrew Nolan Wilson.....	Clemson, SC

## Chemistry

Kyle Douglas Dukes .....	Hilton Head Island, SC
Zachary Stephen Koontz.....	Wilmington, NC
Kelum Manoj Randunu Pathira .....	Central, SC
Whitney Elaine Snyder .....	Elkton, VA

## Civil Engineering

Marcus C Balitsaris .....	Knoxville, TN
David Mark Christopher .....	Moore, SC
Mary Johanna Collins .....	Charleston, SC
Colin Ian Andre Forde .....	Arouca, Trinidad and Tobago
Eleanor Lynn Huggins.....	Walterboro, SC
Earnest Brian Johnson.....	Riverdale, GA
Tun Li .....	Shaanxi, China

## Computer Engineering

Nikhil Jayantilal Vithlani.....	Mumbai, India
Landy Yousif Youkhana .....	Clemson, SC

## Computer Science

John Spencer Avinger .....	Lexington, SC
Scot Franklin Cole.....	Atlanta, GA
Genhua Guan .....	Clemson, SC
Gauri Chandrashekhar Jape .....	Clemson, SC
Jinwei Liu .....	Clemson, SC
Brandon Kyle Pelfrey .....	Greer, SC
Balu Pattanam Ramamurthy .....	Chennai, India
Aditya Sriram .....	Mumbai, India
Hung Hoang Manh Vo.....	Shanghai, China
Jie Zhang .....	Clemson, SC

## Electrical Engineering

Joshua Shane Cunningham.....	Columbia, SC
Bryant Justice Dean .....	Gray Court, SC
John Ryan Furmanski .....	Simpsonville, SC

## **Electrical Engineering (continued)**

Harkaran Singh Grewal .....	Nashville, TN
Mrinmay Kalita .....	Bongaigaon, India
Alper Mutlu .....	Kayseri, Turkey
Serhat Obuz .....	Elazig, Turkey
Darshana Salvi .....	Mumbai, India
Parimal Saraf .....	Clemson, SC
Gaurav Kumar Singh .....	Clemson, SC
Xiaoyong Ye .....	Xuyi, China

## **Environmental Engineering and Science**

Ademola M Bakenne .....	Clemson, SC
Xiaojie Gan .....	Shanghai, China
Sudershan Gangrade .....	Ujjain Mp, India
Chen Jiang .....	Beijing, China
Anthony Hampton Johnston .....	Greenville, SC
Yogendra Hemant Kanitkar .....	Pune, India
Pooja Kishor Mahajan .....	Pune, India
Kristina Liane Robertson .....	Mt Airy, GA
Megan Anne Smith .....	Decatur, GA
Vladimir Reynaldo Soto .....	Central, SC
Miao Yu .....	Beijing, China

## **Hydrogeology**

Christopher John Demarco .....	Monroeton, PA
Noel Garland II .....	Hull, GA
Salley Virginia Gould .....	Greenville, SC
David Charles Hahn .....	Mackinaw, IL
Salmatta A Ibrahim .....	Freetown, Sierra Leone
Kristen N Jurinko .....	Monroeville, PA
Peter John Van Heest .....	Holland, MI

## **Industrial Engineering**

Naji Abdelwanis .....	Clemson, SC
Ashish Bagayat .....	Houston, TX
Gholibjon Gafurovich Mahmudov ....	Andijan, Uzbekistan
Nadeepa Devapriya Wickramage....	Homagama, Sri Lanka

## **Materials Science and Engineering**

Daniel William D'Unger .....	Fort Mill, SC
Baptiste Giroire.....	Clemson, SC
Nathan Phillip Mitchell.....	Fort Mill, SC
Jason Richard Puls .....	Clemson, SC
Julia Reid.....	Clancy, MT

## **Mathematical Sciences**

Michael Thomas Finney .....	Maryville, TN
Milena Menezes Goncalves.....	Rio De Janeiro, Brazil
Ryan Michael Thomas Harper .....	Aiken, SC
Durga Hari Kutil .....	Central, SC
Cameron Reid Megaw .....	Castleton, VT
Suo Mei.....	Jingzhou, China
Jennifer Sarah Tara .....	Greenville, SC
Hayato Ushijima-Mwesigwa.....	Kampala, Uganda
Lindsay Willett.....	Summerville, SC
Jing Zhao .....	Clemson, SC

## **Mechanical Engineering**

Brenden Thomas Everson .....	Irmo, SC
Zhe Gao .....	Metamora, IL
Xiao Gong .....	Nantong, China
Hemanth Gudapati.....	Clemson, SC
Timothy Adam Hess .....	Greenville, SC
Deepthi Kommaraju .....	Clemson, SC
Timothy R Lewis .....	Taylors, SC
Xiyuan Liu.....	Bengbu, China
Bosco Mansel Oliver .....	Cochin, India
Bhaskar Praveem Ramesh.....	Tiruchirappalli, India
Sameer Shripad Samant .....	Dombivli, India
Srijeeth Sathyamurthy .....	Chennai, India

## **Physics**

Ismail Bilgin .....	Clemson, SC
Meaghan Rose Riemer.....	Oak Ridge, TN
Andrew J Smith.....	Greenwood, SC
Christa Marie Labadorf Speights .....	Travelers Rest, SC
Selcuk Temiz .....	Osmaniye, Turkey

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

### **MASTER OF ARTS IN TEACHING**

#### **Middle Level Education**

John Ashley Jennings .....	Anderson, SC
Jeffrey Lambert Little .....	Seneca, SC
Adam Bradley Smith .....	Westminster, SC
Amita Vakharia Ward .....	Greer, SC
Jeremy Michael Whitlock .....	Six Mile, SC

#### **Secondary Education**

Aaron Paulus Acree .....	Pickens, SC
Jessie Lynn Bowers .....	Walhalla, SC
Kidata Moneek Frazier.....	Greenville, SC
Benjamin Rush Lippert .....	Seneca, SC
Samuel Robert Liska.....	Cookeville, TN
Michael Baxter Rusher .....	Greenville, SC
Cristina L Shorts.....	Seneca, SC
Paige Marie Ward .....	Clemson, SC

### **MASTER OF HUMAN RESOURCE DEVELOPMENT**

Brandon John Albin .....	Walker, LA
Faith Renee Alexander .....	Greenville, SC
George Heath Bradley .....	Piedmont, SC
Wendy Davis Bragg .....	Spartanburg, SC
Robert Fitzgerald Brown .....	Simpsonville, SC
Mary Chandler Carver .....	Greenville, SC
Lawanna A Dendy .....	Mauldin, SC
Jennifer Naomi Jaynes Dickerson .....	Chesnee, SC
Wynona Rae Howard.....	Shawnee Mission, KS
Danielle Patricia Iozzino .....	Easley, SC
Monica Catrice Jackson .....	Rural Hall, NC
Heather Simmons Jones .....	Columbia, SC

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## MASTER OF HUMAN RESOURCE DEVELOPMENT

(continued)

Tracy Ann Lindquist.....	Fort Myers, FL
Rebecca Lynn Loflin.....	Rock Hill, SC
Amy Elizabeth Martin.....	Spartanburg, SC
Melissa Leigh Merritt.....	Virginia Beach, VA
Ed F Olive .....	Clemson, SC
Robert Rolando Pendergrass .....	Anderson, SC
Robin Greene Pennington.....	Simpsonville, SC
Michael Andrew Philpott .....	Simpsonville, SC
Brandie Michelle Reavis .....	Atlanta, GA
Adrian J Rivera.....	El Paso, TX
Nicole Loyd Rogers.....	Greenville, SC
Stephen Matthew Rowley.....	Mineral Wells, WV
Maria R Smith .....	Rochester, NY
William Simon Stricklen .....	Duncan, SC
Rebel Lynn Blake Strohmeyer .....	New Stanton, PA
Bethany Kennedy Wiley .....	Belton, SC
Vivian Inderia Williams-Covington.....	Greenwood, SC

## MASTER OF EDUCATION

### Administration and Supervision

Joshua Steven Albin.....	Simpsonville, SC
David Willis Goff, Jr.....	Simpsonville, SC
Travis Sinclair Wharton.....	Greenville, SC

### Counselor Education

Hannah G Barfield.....	Thomasville, GA
Kelsey Rose Beals .....	Dayton, OH
Grady Blount III .....	Taylors, SC
Lindsay B Cordell .....	Lexington, SC
Jeremy Paul Craddock.....	Newnan, GA
Amber Marie DeGarmo.....	Anderson, SC
Sarah Stone Gregorich .....	Johnston, SC
David Grant Haskell.....	Simpsonville, SC
Ryan Michael Heil .....	San Diego, CA
Lindsay Kay Hill.....	Greenville, SC
Holland B Murdock.....	Honea Path, SC
Kathryn Elizabeth Short.....	Columbia, SC
Sharon Ruth Smith .....	Due West, SC
Katie Jean Warehime .....	Littlestown, PA
Marissa Leigh Whitehouse .....	Madison, MS

### Literacy

Elizabeth Leianne Cade .....	Leesville, SC
Caitlin Elizabeth Davis .....	Greenwood, SC
Katherine Ann Jensen .....	Center Valley, PA
Mary Elizabeth Weir .....	Simpsonville, SC

### Special Education

Christina Joy Bianchi.....	Greenville, SC
Sarah Danielle Conklin.....	Pendleton, SC
Virginia Giffen Garrett .....	Mt Pleasant, SC
Kathryn Rose Miller .....	Spartanburg, SC
Whitney Elizabeth Needham.....	Charleston, SC
Erica Leigh Young.....	Dorchester, SC

## Teaching and Learning

Brittany Renae Marshall .....	Easley, SC
Kimberly Lena Pierce.....	Hartsville, SC
Angela Lisa Sinigalli .....	Johns Creek, GA

## MASTER OF SCIENCE

### Nursing

Megan McNulty Bowers.....	Cleveland, TN
Bryan Kennedy .....	Belton, SC

### Parks, Recreation and Tourism Management

Amy Christine Baczurik .....	Simpsonville, SC
Bingjie Liu.....	Clemson, SC
Christina Marie Mazer.....	Seneca, SC
Lauren Marie Ponder.....	Spartanburg, SC
Emily Grace Turke .....	Central, SC
Jonathan William Vogler.....	Little Rock, AR

### Youth Development Leadership

Megan Louise Barkdoll.....	Green Castle, PA
Collin Alexander Francis.....	Laurel, MD
Justin Elliott Sarratt .....	Gaffney, SC
Amanda Renee Taylor.....	Bryson City, NC

## GRADUATE SCHOOL

### MASTER OF PUBLIC ADMINISTRATION

Brittney Alyssa Griffith.....	Liberty, SC
Joseph Roddy Henderson .....	Surfside Beach, SC
Rebecca Halley Horace .....	Rock Hill, SC
Tracy Jenkins Smith .....	York, SC

## CANDIDATES FOR THE BACHELOR'S DEGREE

### COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

Thomas R Scott, Dean

#### BACHELOR OF ARTS

##### Biological Sciences

Patrick Spencer Evans.....	Aynor, SC
Brittani Ann Riddle.....	Saluda, SC
Danielle Lynn Taflan .....	Myrtle Beach, SC

#### BACHELOR OF SCIENCE

##### Agricultural Education

Charlotte Kirsten Shannon .....	Chester, SC
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##### Agricultural Mechanization and Business

Jason Bradley Thomas .....	Fairfax, SC
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##### Animal and Veterinary Sciences

**Eden Gail Armstrong .....	Lexington, SC
Daphne Lenore Deketeleare.....	Augusta, GA
***Andrew Michael Enders .....	Pasadena, MD
Kelsey-Shea Dean Faneuf.....	Moore, SC
Allie Katherine Griffin .....	Macon, GA
Jennifer Marie Grubbs.....	Lyman, SC
†**Mary Charlotte Jenkins .....	Weddington, NC
Carolyn Quinn Johnson.....	Fort Mill, SC
Katherine Anne Myers.....	Simpsonville, SC
Kate Ashton Newbury .....	Winston-Salem, NC
Vaughn West Stevenson .....	Chester, SC

##### Applied Economics and Statistics

Christopher Daniel Ward.....	Pickens, SC
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##### Biological Sciences

*Harrison Stout Beckwith.....	Central, SC
Tyler James Hoey .....	Peru, NY
Lisa Marie Milas.....	Greenville, SC
Dylan Andrew Rutledge .....	Starr, SC

#### Environmental and Natural Resources

Laura Virginia Booth .....	Bristol, TN
Proctor Alan Grayson II .....	Centreville, VA
*Brian Harrison Holt.....	Anderson, SC
Luke Foster Nortz .....	Fort Mill, SC
Jason Daniel Reynolds .....	Spencer, NY
Todd Allen Trotter.....	Liberty, SC

#### Food Science

Elizabeth Clark Bennett.....	York, SC
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#### Forest Resource Management

*Ryan Joseph Anders .....	Taylors, SC
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#### Genetics

Danielle Marie Tom.....	Idaho Falls, ID
Megan Renee Wilson.....	Greensboro, NC

#### Horticulture

Lauren Hope Duncan.....	New Zion, SC
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#### Packaging Science

John Anton Cannavan .....	Edgefield, SC
Benjamin Charles Ellingson.....	Greer, SC
Laura Grey Humphrey.....	Columbia, SC
Lakeshia Shante Worthy.....	Rock Hill, SC

#### Pre-professional Studies

†**Holly Austin Able.....	Saluda, SC
*Rebekka Ann Adamson .....	Orlando, FL
**Kelsey Amanda Fincher.....	Rock Hill, SC
**Olivia Jean Henderson .....	Mt Pleasant, SC
Bobbie Hutchins Pattillo .....	Moore, SC
**Joseph Brent Shirley .....	Anderson, SC
*Kaylie Margaret Waller.....	Charleston, SC
*Jesse D Young.....	Aiken, SC

#### Wildlife and Fisheries Biology

***Lauren Elizabeth Frantz .....	Laurens, SC
Chris Earl Hansen .....	Columbia, SC
Tannor Bradley Mulford.....	Kennedyville, MD
Jeffery Hunter Smith .....	Seneca, SC
Jackson Lehr Tate.....	Mt Pleasant, SC

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## COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

Richard E Goodstein, Dean

### BACHELOR OF ARTS Architecture

\*Matthew H Jones.....Williamston, SC

#### Communication Studies

Michael Horton .....Clemson, SC

Bryce Adam McNeal.....Central, SC

\*Melissa Renee Weaver.....Greer, SC

#### English

William Kenneth Hall .....Cleveland, TN

Brandis Janiese Haynes.....North Charleston, SC

Jeremiah Benjamin Jones.....Easley, SC

\*\*Mariah Frances O'Toole.....Rindge, NH

Victoria Rose Witte .....Clemson, SC

#### History

Jacob Martin Burdette .....Greenville, SC

Erin Alexandra Monfils .....Simpsonville, SC

Matthew Tyler Sanders .....Clemson, SC

Rose Murrell Senn .....Lexington, SC

Jordan Armin Veres .....Pelzer, SC

Ethan Ross Wandless.....Staunton, VA

#### Language and International Trade

Matthew Benjamin Fielder .....Seneca, SC

\*Whitney Rebecca Hafford.....Sharon, CT

Curtis Eugene McLaughlin, Jr.....Greenville, SC

\*Sara Elizabeth Smotherman.....Clemson, SC

\*Adrienne Elizabeth Stephenson .....Spartanburg, SC

#### Modern Languages

Amy Delphine Varn.....Greenville, SC

#### Philosophy

Brinton K Fox .....Chapin, SC

#### Production Studies in Performing Arts

Andrew Clark Avent .....Charleston, SC

Stephen Mark Carlson.....Asheville, NC

Chase Eric Livingston.....Greenville, SC

Winston Levi Lord.....Atlanta, GA

Shaquelle E Wiley.....Columbia, SC

## BACHELOR OF SCIENCE

### Construction Science and Management

\*Cathryn Denison Berry.....Summerville, SC

Nicholas James Fernandez-Rubio .....Greer, SC

\*\*\*Bryce Coldiron Ferry .....Beaufort, SC

\*Thomas Metcalf Robertson.....Mendon, MA

\*Jason Evan Stoltz .....Marietta, GA

## COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

Charles K Watt, Interim Dean

### BACHELOR OF ARTS

#### Economics

Perry McCants Castleman Falk .....Charleston, SC

Murray James Levy .....Hollywood, FL

#### Political Science

Kristina Katherine Abercrombie .....Anderson, SC

Cory Edward Althoff .....Los Altos, CA

Kristin Renee Archie .....Fort Mill, SC

Thurmond Whitfield Bowens III .....Irmo, SC

Virginia Anne Cleveland .....Easley, SC

Jordan Evan Janushkowsky .....Annapolis, MD

Rachel Klein .....Potomac, MD

\*Michael Ryan Payne .....Heath Springs, SC

Megan Elizabeth Piatt .....Easley, SC

Jasamine Nicole Strother .....Gilbert, SC

Charles Nicholas Wardlaw .....Anderson, SC

#### Psychology

Rebekah Nell Austin .....Camden, SC

Barbara Christian Clark .....Greenville, SC

Amanda Lauren Greene .....Greenville, SC

Kylie Manuela Hawkins .....Simpsonville, SC

Oluwaseun Olatokunbo Jagun .....Providence, RI

Arie Lynise Jenkins .....Westminster, SC

Mary Katherine Jordan .....Iva, SC

Michael Edwin Onufer .....Charleston, SC

\*Clarissa Emily Powell .....Seneca, SC

Reginald Jamal Wideman .....McCormick, SC

#### Sociology

Sally Virginia Becker .....Lutherville, MD

Christopher Ryan Chavis .....Anderson, SC

Joshua Bryan Dorrity .....Roebuck, SC

†\*\*Susan Kay Falendysz .....Seneca, SC

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### Sociology (continued)

Laura McLaughlin Feltman .....	Coral Gables, FL
Kelli Nicole Poole .....	Westminster, SC
Meghan Elizabeth Scott .....	Anderson, SC
Jordan Elise Smith .....	Walhalla, SC
Jessica LaShae Suber .....	Ware Shoals, SC

### DOUBLE MAJOR

#### Political Science and Psychology

Thomas Frithjoff Rees .....	Suwanee, GA
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### BACHELOR OF SCIENCE

#### Accounting

Wesley Barton Althoff .....	Greer, SC
Emily Renea Brown .....	Andrews, SC
Dustin Burick.....	Travelers Rest, SC
Joseph Matthew Christian .....	Union, SC
Nicholaus Ransom Davis.....	Rembert, SC
*Amy Elizabeth DeVore .....	Spartanburg, SC
*Elena Cox Dusenbury.....	Aynor, SC
Joel Greysen McAlhaney .....	Aiken, SC
Matthew John McEnerney.....	Alpharetta, GA
Madeline Louise Moser .....	Pendleton, SC
Catherine Anne Opalka .....	Charlotte, NC
Jennifer Nicole Oxner .....	Florence, SC
Ryan Keith Poser.....	Mebane, NC
James Rice Whitehurst .....	Johns Creek, GA

#### Economics

**Daniel Ryan Buehler .....	Branchburg, NJ
Kirsten Elizabeth Tyler.....	Columbia, SC
Jacqueline Morgan Wright .....	Cornelius, NC

#### Financial Management

Peter Truman Aldrich .....	Glen Ellyn, IL
Wesley Barton Althoff .....	Greer, SC
Eric James Brady .....	Decatur, AL
Clifton Andrew Brown, Jr. ....	Washington, DC
Michael P Bynarowicz .....	Simpsonville, SC
*Susan Carolyn Cheser.....	Spartanburg, SC
John Carl Ciriello .....	Dover, MA
David Brian Collier, Jr. ....	Severna Park, MD
Lawrence Victor Dossche.....	Rocky Face, GA
Benjamin Brockinton Fraser .....	Mt Pleasant, SC
Denardo Rodreco Freeman II .....	Central, SC
Ryan Joseph Garvey .....	Queenstown, MD
Robert Patrick Hanahan .....	Greer, SC
James Corey Jennings .....	Anderson, SC
Frank Jones .....	Lexington, SC
Christine Young Kim.....	Buford, GA

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### Financial Management (continued)

***Patrick Tate Moore .....	Spartanburg, SC
Nicholas James Picaut.....	Ormond Beach, FL
James Kevin Roche .....	Charlotte, NC
Chulendra Lankanath Samaraweera .....	Greenville, SC
James C Scott III.....	Knoxville, TN
Neha Shukla.....	New Delhi, India
Benjamin Dukes Simmons .....	Columbia, SC
Caitlyn Patricia Snipes.....	Goose Creek, SC
*Earle Richard Taylor IV .....	Atlanta, GA
Alexander Ian Zelisko .....	Columbia, SC

#### Graphic Communications

Daniel Scott Kalshoven.....	Fort Mill, SC
Gloria Courtney-Biana Means.....	Columbia, SC
**Courtney L Norris .....	Easley, SC
Alexis Johnelle Peterson .....	Summerville, SC
Ellen Suzanne Ross.....	Florence, SC
Lauren Malihe Semsar .....	Mt Pleasant, SC
**Tyler J Thompson .....	West Union, SC
**Lauren Amanda Turner .....	Charleston, SC

#### Industrial Management

*Michael Dean Sundblad .....	Wylie, TX
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#### Management

Christopher Donald Bagwell .....	Greenwood, SC
Shane Colton Belanger.....	Eutawville, SC
Robert Alexander Birnie .....	Columbia, SC
William Tyler Brock .....	Piedmont, SC
Will Clark .....	Charleston, SC
James Ely Cornwell III .....	Clarksville, GA
Kalee Valeria Curry .....	Fountain Inn, SC
*Trevor Griffin Dalglish .....	Kennebunk, ME
Zachary Ryan Day .....	Greenville, SC
Kaitlin Elizabeth Durham.....	Taylors, SC
Margaret Elliott .....	St Matthews, SC
*Samantha Rene Fesler.....	Charleston, SC
Frederick Holmes Gessell .....	Six Mile, SC
Katelyn Paige Guest .....	Hampstead, NH
Richard Joseph Hanna II .....	Great Falls, VA
Wolde Selassie Harris .....	Kingston, Jamaica
Elliot Michael Hitchcock .....	Staunton, VA
Ashley Taylor Holt .....	Charleston, SC
Steven McMillan Hughes.....	Columbia, SC
Nicholas Samuel Hunter .....	Fountain Inn, SC
Mary Johnson .....	Clemson, SC
Jarrett Austin Kinley .....	Anderson, SC
Lindsay Wilson Kleinknecht .....	Florence, SC
Ciava Ligon.....	Anderson, SC
Matthew Mitchell Loewenstein .....	Fairfax, VA

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### Management (continued)

Ryan Anthony Lundregan .....	Bethesda, MD
Donna Elizabeth Mahaffey .....	Lancaster, SC
Jonathan Reid Maney .....	Lexington, SC
Nicholas M Muzyka .....	Oak Hill, VA
Hampton Palombo.....	Baton Rouge, LA
David Ryan Parsons .....	Florence, SC
Gregory Adam Reynolds.....	Boiling Springs, SC
Alisha Reneé Richerson.....	Greenville, SC
Robert Michael Rispoli, Jr. ....	Rye, NY
Nicholas Shuford Rowe .....	Columbia, SC
Kilian Jacob Ryan.....	Upton, MA
Jonathan Andrew Steadings .....	Seneca, SC
Andrew Vincente Tamburro.....	West Melbourne, FL
Sergio Andre Torricos.....	Simpsonville, SC
Bryan Patrick Tylee .....	Cary, NC
Benjamin Murphy Watkins .....	Eutawville, SC
Matthew Tyler Wiles.....	Anderson, SC
Daniel Steven Zimmerman.....	Rock Hill, SC

### Marketing

Daniel Meyer Carroll .....	Charleston, SC
Alyssa Brianne Goodson .....	Greer, SC
Alexander Joseph Peer .....	Simpsonville, SC
Alisha Elaine Studart.....	Clemson, SC
†**Heather Marie Woodward.....	Ladson, SC
Shannon Marie Zarkovacki.....	Hilton Head Island, SC

### Political Science

Joseph Nicolas Casini .....	Oakland, NJ
Taylor Lauren Jackson.....	Hodges, SC
Eric Lawson Reeves.....	Columbia, SC

### Psychology

Morgan Elizabeth Beck .....	Anderson, SC
Kala Ansley Bell .....	Winnboro, SC
James Wellington George Broemer .....	Morrisville, NC
†*James Tyler DeZubay.....	Charlotte, NC
Antwan Quanmain Eady .....	Garnett, SC
Roger Michael Elbaz .....	Snellville, GA
Allyson Elizabeth Henthorne .....	Mauldin, SC
Nancy McDuffie Lewallen .....	Gainesville, GA
David Robert Menzen, Jr. ....	Germantown, MD
Brittney Taylor Norris .....	Boiling Springs, SC
Gabrielle Marie Youngblood .....	Greer, SC

### Sociology

William Toy Clary.....	Inman, SC
Richard Brett Johnston.....	St Petersburg, FL
***Martin Maloney .....	Apple Valley, MN
Joseph Carson Phillips.....	Belton, SC

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### COLLEGE OF ENGINEERING AND SCIENCE

**Larry Dooley, Interim Dean**

#### BACHELOR OF ARTS

##### Computer Science

Jeremiah Thomas Yongue .....	Seneca, SC
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##### Mathematical Sciences

Taylor Marie Newton .....	Salem, SC
Margaret Rachel Sorrentino .....	Wilmington, MA

#### BACHELOR OF SCIENCE

##### Ceramic and Materials Engineering

Ashley Christina Sachs .....	Greenville, SC
Gregory Leland Smith .....	Radnor, PA

##### Civil Engineering

Brian Austin Atkinson.....	Marion, SC
Johnson Joshua Baker IV.....	Little Rock, AR
Victor Alexander Coachman.....	Columbia, SC
Daniel A Fleetwood .....	Fort Mill, SC
Kyle Scott Grayson .....	Centreville, VA
Anthony Wayne Grice .....	Greer, SC
*Meredith Natividad LaDue .....	Centreville, MD
Charles Richard McGuirt II .....	Fort Mill, SC
John Brookes Ross .....	Seneca, SC
Jesse Russell.....	North Augusta, SC
Stuart Jacob Schiff .....	Clemson, SC
David Spence Stewart .....	Atlanta, GA
**Hunter Samuel Truette.....	Baltimore, MD

##### Computer Engineering

**Harrison Noah Chandler .....	Greenville, SC
Zachary Jackson Durham.....	Galivants Ferry, SC
Isaac Timothy Elder .....	Greenville, SC
Karan Singh .....	New Delhi, India
Taruna Sohal.....	Irving, TX
Faradan Sa'id Thompson .....	Greenville, SC

##### Computer Science

*Justin Reid.....	Richburg, SC
Matthew Robert Sanders .....	Greenville, SC

##### Electrical Engineering

Jagan Banerjee.....	Delhi, India
James William Blanton .....	Gaffney, SC
Shawn Ray Finley .....	Spartanburg, SC
Elliot Martin Lee.....	Washington, DC

### **Electrical Engineering (continued)**

Charles Abry Rath, Jr.	Wilmington, DE
*Justin Richard Simmons	Mt Airy, NC
Sean Phillip Werner	Isle of Palms, SC
Nolan Caleb Whitman	Orangeburg, SC

### **Geology**

Matthew Wrenn Creel	Easley, SC
Alexis Ellen Jarvis	Rock Hill, SC
Andrew Crossley Simmons	Greenville, SC
Adam Sheppard Thompson	Tega Cay, SC

### **Industrial Engineering**

*De Y Lin	Orangeburg, SC
Tyler James Martin	Easley, SC
Hendrix A McCants	Columbia, SC
Alexander Drew Skypala	Royersford, PA

### **Mathematical Sciences**

Lakia Christina Bass	Columbia, SC
Bionca Shandrell Dunbar	Aiken, SC
*Tara Eason Shores	Rock Hill, SC

### **Mechanical Engineering**

Kevin Mayo Adams	Columbia, SC
Arvind Vignesh Aswani	Clemson, SC
Austin Steve Bray	Piedmont, SC
Rachel Anne Hurd	Sammamish, WA
Thomas Leland Justice	Moore, SC
Jackie Glynn Mincey, Jr.	Lugoff, SC
Bradley Johnathan Murphy	Anderson, SC
David Andrew Rauch	Simpsonville, SC
Jason Keith Richmond	Aynor, SC
Michael James Williamson	North Augusta, SC
William Robert Youngblood II	Lawrenceville, GA

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

**Lawrence R Allen, Dean**

### **BACHELOR OF ARTS**

#### **Elementary Education**

Stephen James Albertson	Seneca, SC
*Katherine Anne McLeod	Hanahan, SC

#### **Secondary Education**

*Taylor Elizabeth Schulte	Spartanburg, SC
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### **Special Education**

*Heather Leigh Conn	Winfield, IL
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### **DOUBLE MAJOR**

### **Mathematical Sciences and Secondary Education**

Kaci Erin Cohn	Frisco, TX
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### **BACHELOR OF SCIENCE**

#### **Health Science**

Leah Brooke Bailey	Charleston, SC
*Melissa Shea Boslet	Hudson, OH
Brianna Elyse Brevard	Hendersonville, NC
Paige Louise Davenport	Myrtle Beach, SC
*George Hansel Godwin IV	Decatur, AL
Clayton Bennett Leaders	Toccoa, GA
Ronald Eugene Moore, Jr.	Central, SC
†***Paige D Wartko	Hilton Head Island, SC
Page Reid Wise	Charleston, SC

### **Nursing**

*Stephanie Pate Brock	Easley, SC
**Melinda Flynn Brown	Greer, SC
**Rebecca Dianne Brown	Enoree, SC
***Virginia Helen Bubek	Greenville, SC
Donna Lynn Burnside	Anderson, SC
*Kimberly Denise Campbell	Greenville, SC
**John H Christ	Greenville, SC
*Victoria Nell Clark	Anderson, SC
*Kendra LeAnne Edwards	Taylors, SC
*Meredith Taylor Epps	Travelers Rest, SC
Jessica Anika Farmer	Roebuck, SC
**Marcy Denine Frasier	Six Mile, SC
**Tiffany Jo Frialde	Anderson, SC
**Kala Joyce Gillespie	Anderson, SC
***Jessica Lauren Glymph	Lyman, SC
***Donna Marguerite Goodson	Jacksonville, FL
**Edith Lorraine Hardin	Pendleton, SC
***Margaret Sue Johnston	Clemson, SC
*Robert Eric Jordan	Belton, SC
Erin LeDelle King	Iva, SC
Kaylan Elizabeth Winston Lancaster	Moore, SC
***Janice D Lee	Easley, SC
**Jennifer Gangemi Nicholson	Seneca, SC
**Jennifer René Pelfrey	Seneca, SC
*William Legare Sanders II	Greenville, SC
**Robin Michelle Smith	Westminster, SC
*Beverly McIntosh Stewart	Williamston, SC

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### Parks, Recreation and Tourism Management

Heather Marie Allen .....	Simpsonville, SC
Alexandra Danielle Beard.....	Clover, SC
Kathleen Ann Benton .....	Myrtle Beach, SC
Erin Elaine Black .....	Travelers Rest, SC
*Alexandra Charlson Bredehoft.....	Herndon, VA
Jeffrey Barry Chiappini.....	Greenville, SC
Laura-Ellen Christy.....	Columbia, SC
Savannah Leigh Clark.....	Seneca, SC
Robert John Doneth.....	Sumter, SC
Ryan McKenzie Ellis .....	Hilton Head Island, SC
Kenneth Michael Etheredge, Jr.....	Simpsonville, SC
Jessica Gibson .....	Edgefield, SC
Christopher G Grahn.....	Clemson, SC
Lindsey Justine Gravino.....	Lexington, SC
***Curtis John Helmer .....	Columbia, SC
Robert Allen Jeffcoat .....	Lexington, SC
Jordan Kate King .....	Seneca, SC
*Sarah Davis Miller.....	Greenville, SC
Daniel James Morrison .....	Mechanicsville, VA
Paul Marcus Nelson .....	Gaffney, SC
Brooke Elizabeth New.....	Greenwood, SC
Robert Lee Peeler, Jr. ....	Lexington, SC

### Parks, Recreation and Tourism Management

(continued)

Cristina Alejandra Pena.....	Hallandale, FL
*Andrea Elizabeth Purdy .....	Hodges, SC
Alan Kitrell Sampson.....	Aiken, SC
Robert Louis Slater II .....	Stuart, FL
Mollie Bliss Smith.....	Seneca, SC
David Harold Somers .....	Spartanburg, SC
Hunter Ames Thompson.....	Charlottesville, VA
Ashley Marie Walton .....	Jacobstown, NJ
Joseph Richard Warren.....	Clemson, SC
Anastasia Gabriella Wilson .....	Myrtle Beach, SC
Rachel Evangeline Yau.....	Easley, SC

### Secondary Education

**Emily Rebekah Black.....	Denmark, SC
Steven Chase Garner .....	Piedmont, SC
†***Grayson Kent Segars.....	St Helena Island, SC
Andrew Benjamin Thompson .....	Taylors, SC

### Technology and Human Resource Development

Gregory Derayle Buckner .....	Hopkinsville, TX
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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.

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 2012*

**Priyanka Bhattacharya  
Matthew Tyler James Brownlee**

### 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 2012*

**Aaron Kenneth Brown  
Kevin Andrew Craig**

### FACULTY SCHOLARSHIP AWARD

Established at Clemson University in 1959, this award is made annually by the faculty of Clemson University to the member of the graduating class who has the highest scholastic achievement. All graduates who have completed the requirements for the bachelor's degree since the last commencement exercise and who have completed at Clemson at least 75 percent of the work required for graduation shall be eligible for consideration

*Recipients of the Faculty Scholarship Award for 2012*

**Lauren Elizabeth Frantz  
Paige D Wartko**

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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 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.

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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 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.

## Clemson University — One of the Nation's Best Public Universities

- *U.S. News & World Report* ranks Clemson No. 25 among the nation's public universities, No. 4 as an "up-and-coming" school, No. 11 for commitment to undergraduate teaching, one of 17 that make writing a priority across all disciplines and one of 18 that offer strong learning communities.
- *SmartMoney* magazine ranks Clemson No. 6 among the nation's top public and private universities whose graduates get the best return on their tuition dollars.
- *Kiplinger* magazine rates Clemson among the best values in public higher education — 34<sup>th</sup> for in-state students and 36<sup>th</sup> for out-of-state students — in its most recent rankings of the "100 Best Values in Public Colleges."
- *The Princeton Review* and *USA TODAY* include Clemson among the nation's 75 best values in public colleges and universities in "The Princeton Review Best Value Colleges for 2012."
- The University currently has 11 National Science Foundation Graduate Research Fellows, two Goldwater Scholars and three Fulbright Scholars.
- *Diverse Issues in Higher Education* recognized Clemson as tied for ninth top U.S. producer of African-American engineering Ph.D. graduates and eighth for B.S. graduates.
- In FY 2011, Clemson University reached an all-time high of \$107.7 million in sponsored research expenditures, including \$95 million in new awards. The federal government accounted for 80 percent of the funding, state and local government accounted for 7 percent, and industry and other sources provided 13 percent.
- Top500 Supercomputing ranks Clemson's data center eighth among public U.S. universities.
- On the annual National Survey of Student Engagement given to freshmen and seniors, Clemson continues to outscore its peers in nearly every benchmark comparison of overall educational experience.
- Creative Inquiry, a unique Clemson initiative that brings together undergraduate students and faculty to research important issues that affect our world, is described as a "best practice in undergraduate research."
- Forty Clemson faculty have been awarded National Science Foundation CAREER Awards, recognizing young faculty members who are excellent researchers and teachers.
- Five Clemson educators are profiled in *The Best 300 Professors* by The Princeton Review. From an initial list of 42,000 professors considered, the final group of "best" professors chosen constitutes less than 0.02 percent of the 1.8 million college and university teachers across the U.S.
- Sixteen endowed-chair faculty positions have been created to attract new, top faculty through the SmartState Program.
- Sixty-five Clemson faculty members have been elected Fellows of national or international academic societies since 2000.
- The National Research Council ranks 15 Clemson doctoral programs in the top 50 among public universities.

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 at the north entrance.

### EVACUATION SYSTEM

Littlejohn Coliseum is equipped with a fire-alarm evacuation system. In the event of activation, as noted by sustained horns and strobe lights, 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 Littlejohn Coliseum.

- In the past decade, Clemson research has generated 15 spinoff companies; 147 active patents, producing \$28 million in revenue; and \$1.25 billion in research awards.
- Clemson University International Center for Automotive Research (CU-ICAR) has drawn \$250 million in investments and created 775 jobs with an average salary of \$70,000. CU-ICAR partners have announced plans for more than 2,000 additional jobs.
- The Clemson University Restoration Institute being developed in North Charleston promises to make S.C. a magnet for the restoration economy. It will soon house a major wind turbine drivetrain testing facility, funded by a \$45 million U.S. Department of Energy grant, which will move the state into the forefront of the wind energy industry.
- The Clemson University Biomedical Engineering Innovation Campus (CUBEInC) at the Patewood campus of the Greenville Hospital System strives to develop high-impact medical technology and devices and to transfer research and engineering to clinical applications.
- The Clemson University Advanced Materials Center provides state-of-the-art equipment, including one of the nation's most advanced electron microscope facilities.
- Agricultural research and education initiatives supporting South Carolina's \$34 billion agribusiness industry focus on agricultural productivity and sustainability, and capitalize on new and emerging economic opportunities such as bio-fuels, nutraceuticals and ecological restoration.
- Clemson alumni rank No. 3 in the nation in alumni support to public universities as measured by alumni giving, according to *U.S. News & World Report*.
- Clemson graduates find jobs at nearly twice the national average according to the University's Michelin® Career Center. For 2010-11, 34 percent of Clemson students either had a full-time job offer in hand or had committed to military service before graduation. The national average is 18 percent according to the National Association of Colleges and Employers 2011 report.
- For the fifth year in a row, Clemson has been named to the President's Higher Education Community Service Honor Roll.
- Clemson was named a Campus with a Conscience and one of *The Princeton Review's* 100 socially responsible colleges and universities.
- Clemson students consistently capture intercollegiate championships in academic and club competitions such as the Concrete Canoe, Steel Bridge, Pershing Rifles, Ethics Bowl, Blue Key, Traffic Bowl and more.
- *The Princeton Review's* guidebook, "The Best 376 Colleges: 2012 Edition," ranks Clemson No. 1 for good town-gown relations, No. 2 for happiest students, No. 2 in the "Jock Schools" category, No. 3 for participation in intramural sports, No. 8 for popularity of intercollegiate sports, No. 9 for career services and No. 11 for the administration's ability to smoothly run the University.

**CLEMSON<sup>®</sup>**  
UNIVERSITY