Graduation
Friday, August 9, 2013
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 Lewie Bates Thomas Mann
Class of 1954 William Bellamy Carl Bishop
Class of 1955 John Mixon Sanford Smith

Invocation
Kaela Ayanna Gardner, Student Representative

Introduction of Trustees
President James F Barker

Recognition of the Deans of the Colleges
Interim Vice President for Academic Affairs and Provost
Nadim M Aziz

Conferring of Honorary Degree
President James F Barker

Reflections
Anita Goldberg Zucker

Conferring of Degrees and Delivery of Diplomas
President James F Barker

Recognition and Presentation of Awards
Graduate Researcher Award
Graduate Teaching Assistant Award
Faculty Scholarship Award

Ms. Becky Bowman, Organist/Soloist
Professor Sydney Cross, University Marshal
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
Nadim M Aziz .............................................Interim 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
R Larry Dooley ................................Interim Vice President for Research
W C Hood....................................................General Counsel
John W Kelly .............................................Vice President for Economic Development
Dan Radakovich ................................Director of Athletics
Leon E Wiles ..............................................Chief Diversity Officer
Anita Zucker is an accomplished woman. She is well-known for her involvement in successful businesses, philanthropy and leadership positions that range from local issues to global influences. Yet, for anyone who has had the pleasure of meeting Anita, it is her generosity of self, her sincerity, positive attitude and what we at Clemson University call “Determined Spirit” that leave a lasting impression.

A longtime advocate for education and a renowned South Carolina philanthropist, Anita, her late husband, Jerry, and their three children have devoted their lives to the principles of Tikkun Olam, a Hebrew term that means “world repair.” She continues to set an example and show the way through faith, family and community.

Anita’s inventive, adventurous and curious nature was nurtured by her parents, both Holocaust victims, and later encouraged by her husband as they worked together to build numerous businesses. Anita has faithfully served to assist, encourage, support and inspire through her relationships with her children, her many students, associates and friends.

A graduate of the University of Florida, where she received her bachelor’s degree in education, Anita went on to earn a master’s degree in educational administration and supervision from the University of North Florida. She taught elementary school in Florida and South Carolina for more than a decade.

Today, Anita is chairperson and CEO of The InterTech Group, Inc. She is also the owner of the Carolina Ice Palace, the South Carolina Stingrays and Tristan restaurant in Charleston.

She has served in countless philanthropic organizations. She was chairperson of the Board of Governors of the School of Business at the College of Charleston and on the board of the Addlestone Hebrew Academy, Porter Gaud and Ashley Hall schools. Anita is past chair of the MUSC Foundation Board, and member emeritus of Hollings Cancer Center Citizens Advisory Committee. Currently, she serves on the President’s Initiative Committee at the University of South Carolina.

Clemson University has a good friend in Anita Zucker. Although not an alumna, she likes what she sees happening in the University, especially in regard to CURI, the Clemson University Restoration Institute in North Charleston. Her family’s gift for the Graduate Education Center at CURI will soon be serving to foster and nurture the inventive, adventurous and curious nature of countless students and faculty. Anita believes in supporting causes that assure positive outcomes. Her generous gift to Clemson will assure positive outcomes, both educationally and economically.

Clemson University recognizes Anita Zucker’s achievements and pays tribute to her valuable friendship with our University. It is a great privilege to present today the honorary degree, Doctorate of Humanities, to Anita Goldberg Zucker.
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.

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

COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

DOCTOR OF PHILOSOPHY

Animal and Veterinary Sciences

Abubaker Salem Elmehdawi.............................................................................................Clemson, SC
B.S., M.S., Al Fateh University
Dissertation: Effect of Thermal Stimulation during Broiler Embryogenesis on Hatchability, Chick Quality, Secondary Sex Ratio and Chick Performance under Commercial
Advisor: Dr. D Maurice

Biochemistry and Molecular Biology

Amrita Balachander Koushik ................................................................. Bangalore, India
B.T., Sastra University
Dissertation: The Role of Phosphoinositide-Based Signaling in Virulence in the Human Protozoan Parasite, Entamoeba Histolytica
Advisor: Dr. L Temesvari

Sunayan Samant Ray ................................................................. Delhi, India
B.S., Chaudhary Charan Singh University; M.S., Bharathiar University
Dissertation: Biochemical Investigation into the African Trypanosomes Initiation of Fatty Acid Synthesis
Advisor: Dr. K Paul

Biological Sciences

Nowlan Hale Freese ................................................................. Indianola, IA
B.A., Saint Olaf College
Dissertation: Characterization of the Araucana Chicken Breed: Pathways Controlling the Rumpless Trait
Advisor: Dr. S Chapman

Daniel Kazuo Hasegawa ................................................................. Alhambra, CA
B.S., University of California
Dissertation: Gap Junctions: Regulators of Immunity and Parasite Manipulation in the Remarkable Relationship Involving Insects and Genome-Integrated Polydnaviruses
Advisor: Dr. M Turnbull

Carrie Lynn Woods ................................................................. Ontario, Canada
B.S., M.S., University of Guelph
Dissertation: Factors Influencing the Distribution and Structure of Tropical Vascular Epiphyte Communities at Multiple Scales
Advisor: Dr. S DeWalt

Entomology

Margaret Elizabeth Lehnert ................................................................. Cincinnati, OH
B.S., College of Mount St. Joseph; M.S., University of Florida
Dissertation: Behavior and Control of the Bed Bug, Cimex Lectularius L
Advisor: Dr. E Benson
Entomology (continued)

Grant Lewis Pilkay.................................................................Hope Mills, NC
B.S., North Carolina State University; M.A., University of North Carolina
Dissertation: Ecology and Management of Stink Bugs in Southeastern Farmscapes
Advisor: Dr. F Reay-Jones

Food Technology

Hanan Lotfi Eshamah ..................................................................................................... Tripoli, Libya
B.S., Al Fateh University
Dissertation: Antibacterial Effects of Proteases on Different Strains of Escherichia Coli and
Listeria Monocytogens
Advisor: Dr. P Dawson

Tarana Khan ...........................................................................................................Columbia, SC
M.S., Tuskegee University
Dissertation: Development and Testing the Validity and Reliability of Items and Scales to Assess
Physical Activity Behavior of Adults in the Expanded Food and Nutrition Education Program
Advisor: Dr. K Cason

Forest Resources

Brett M Moule .............................................................................................................Columbia, SC
B.S., University of Georgia; M.S., University of West Georgia
Dissertation: Comparing Mechanical Mastication, Herbicide Application, and Prescribed Fire
within an Established Longleaf Pine (Pinus Palustris Mill) Ecosystem
Advisor: Dr. G Wang

Microbiology

Pallavi Vedantam .........................................................................................................Clemson, SC
B.S., University of Madras; M.S., Sri Sathya Sai Institute of Higher Learning
Dissertation: Bionanomaterials and their Applications
Advisor: Dr. R Tzeng

Plant and Environmental Sciences

Lewis Ray Hubbard, Jr. .................................................................................................Anderson, SC
B.S., Clemson University
Dissertation: Effects of Varying Spring Hollow Tine Aerification Size and Timing on Bentgrass
Greens
Advisor: Dr. L McCarty

Wildlife and Fisheries Biology

Latice Fuentes ...........................................................................................................Clemson, SC
B.S., M.S., Clemson University
Dissertation: Long-Term Bald Eagle Monitoring: Assessing Emerging Risks to the Great Lakes
Ecosystem by Evaluating Impacts on Tertiary Predators
Advisor: Dr. W Bowerman

Thilina Dilan Surasinghe ..............................................................Colombo, Sri Lanka
B.S., University of Colombo
Dissertation: Influences of Riparian Land Uses on Habitat Use and Interspecific Competition of
Stream Dwelling Salamanders: Evidence from Blue Ridge and Piedmont
Advisor: Dr. R Baldwin
COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

DOCTOR OF PHILOSOPHY

Planning, Design and the Built Environment

David Robert Payne .......................................................... Feeding Hills, MA
  B.A., University of Massachusetts; M.S., University of Vermont; M.Arch., University of Miami
Dissertation: Charleston Contradictions: A Case Study of Historic Preservation Theories and Policies
Advisor: Dr. C Ellis

Anthony Lee Threatt .................................................. Easley, SC
  B.A., Clemson University; M.A., Louisiana State University of Agriculture and Mechanical College
Dissertation: Design and Evaluation of a Nonverbal Communication Platform between Assistive Robots and their Users
Advisor: Dr. K Green

Rhetorics, Communication and Information Design

Lauren M Mitchell .......................................................... Asheville, NC
  B.A., M.S., University of Florida; M.Arch., University of Michigan
Dissertation: Ubiquitous Libidinal Infrastructures of Urbanism: The Fringing Benefits of Rhetoric’s in Architecture
Advisor: Dr. V Vitanza

COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

DOCTOR OF PHILOSOPHY

Economics

Laura Marie Lamontagne .................................................. Andover, MA
  B.A., University of Massachusetts; M.A., Clemson University
Dissertation: Essays in Energy Economics: An Inquiry into Renewable Portfolio Standards
Advisor: Dr. R Sauer

Yifei Mu ................................................................. Changzhou, China
  B.S., B.A., M.A., Xian Jiaotong University
Dissertation: Banking Crises and the Volume of Trade
Advisor: Dr. S Baier

Human Factors Psychology

Lindsay O’Hara Long .................................................. Savannah, GA
  B.A., Armstrong University; M.S., Clemson University
Dissertation: Feeling For Failure: Haptic Force Perception of Soft Tissue Breakage in a Simulated Minimally Invasive Surgery Task
Advisor: Dr. C Pagano

Industrial/Organizational Psychology

Christine L Pusilo .................................................. Waxhaw, NC
  B.S., Liberty University; M.S., Clemson University
Dissertation: Better Safe Than Sorry: Personality-Based and Overt Predictors of Workplace Safety
Advisor: Dr. T Britt
Management

Jason Matthew Riley ................................................................. Cornelius, NC
   B.A., Iowa State University of Science and Technology; M.B.A., Michigan State University
   Dissertation: Understanding the Antecedent Competencies of Organizational Risk Management
   Capabilities
   Advisor: Dr. V Sridharan

Sriram Venkataraman ............................................................... Mumbai, India
   B.E., University of Mumbai; M.S., University of Alabama; M.S., University of North Carolina
   Dissertation: Essays on Service Strategies: Evidence from Banking and Healthcare Industries
   Advisor: Dr. A Roth

College of Engineering and Science
Doctor of Philosophy

Bioengineering

Kevin Daniel Champaigne ........................................................... Greenwood, SC
   B.S., University of Rochester; M.S., Clemson University
   Dissertation: Ion Channel-Mediated Hydrostatic Pressure Mechanotransduction in Urothelial Cells
   Advisor: Dr. J Nagatomi

Christian N Kotanen ................................................................. Boynton Beach, FL
   B.S., M.S., Clemson University
   Dissertation: Implantable Amperometric Biosensors for the Management of Hemorrhagic Shock
   Advisor: Dr. A Guiseppi-Elie

Brandon Matthew Mattix .......................................................... Snellville, GA
   B.S., Georgia Institute of Technology
   Dissertation: Spatial Control of Magnetic Nanoparticles Integrated with Cellular Spheroids as
   Tissue Engineered Building Blocks
   Advisor: Dr. F Alexis

Thomas Lee Moore ................................................................. Spartanburg, SC
   B.S., Clemson University
   Dissertation: Theranostic Nanoparticles for Cancer Therapy
   Advisor: Dr. F Alexis

Jason Michael Olbrich ............................................................. Chicago, IL
   B.S., Clemson University
   Dissertation: A Localized Controlled Delivery System Utilizing a Block Copolymer to Improve the
   Current Paradigm of Chemotherapy
   Advisor: Dr. K Burg

Benjamin Robert Whatley .......................................................... Roanoke, VA
   B.S., North Carolina State University
   Dissertation: Biofabrication of Scaffolds for Intervertebral Disc (Ivd) Tissue Regeneration
   Advisor: Dr. M Laberge

Jeremy Bomong Zhang ............................................................. Simpsonville, SC
   B.S., Duke University
   Dissertation: A Novel Bioactive Hybrid Hydrogel for Localized Nonviral Gene Delivery
   Advisor: Dr. K Webb
**Chemical Engineering**

Alma Iris Cordova Morales ................................................................. San Salvador, El Salvador  
B.S., Universidad Centroamericana  
Advisor: Dr. D Bruce

Ming He ................................................................. Suzhou, China  
B.S., Fudan University  
Dissertation: A Computational Approach for the Rational Design of Bimetallic Clusters for Ethanol Formation from Syn-Gas  
Advisor: Dr. D Bruce

Milagro Marroquin ................................................................. San Salvador, El Salvador  
B.S., Universidad Centroamericana  
Dissertation: Advanced Imaging as a Novel Approach to the Characterization of Membranes for Microfiltration Applications  
Advisor: Dr. S Husson

Mary Katherine Mitchell ................................................................. Seneca, SC  
B.S., Virginia Polytechnic Institute  
Dissertation: Degradation of Aliphatic Polyesters: Poly (lactic acid) and Poly (butylene succinate-co-adipate)  
Advisor: Dr. D Hirt

Jose Luis Orellana ................................................................. Sonsonate, El Salvador  
B.E., Central America University  
Dissertation: Advanced Bio-Based Materials from Renewable Resources: An Investigation on Cellulose Nanocrystal Composites and CO2 Extraction of Rendered Materials  
Advisor: Dr. C Kitchens

Jinxiang Zhou ................................................................. Zhuzhou Hunan, China  
B.E., Tongji University  
Dissertation: Perfluorocyclobutyl Polymer Thin-Film Composite Membrane Fabrication, Plasticization and Physical Aging  
Advisor: Dr. S Husson

**Chemistry**

Carla Charisse Heyward ................................................................. Charleston, SC  
B.S., Clemson University  
Dissertation: Hydrothermal Crystal Growth of Metal Borates for Optical Applications  
Advisor: Dr. J Kolis

Jaewoong Hur ................................................................. Seoul, Korea  
B.E., Seoul National University; M.S., Hanyang University  
Dissertation: Bond-Centric Modifications to Bond-Order Potentials and Ab-Initio Evaluation of Nanostructured Materials  
Advisor: Dr. S Stuart

Christopher Cole Underwood ................................................................. Port Orange, FL  
B.S., University of Central Florida; M.S., Clemson University  
Dissertation: Hydrothermal Chemistry, Crystal Structures, and Spectroscopy of Novel Fluorides and Borates  
Advisor: Dr. J Kolis
Civil Engineering

Parth Pravinbhai Bhavsar .................................................................Ahmedabad, India
B.E., Center for Environmental Planning; M.S., Clemson University
Advisor: Dr. M Chowdhury

Jacqualyn Leigh Blizzard .................................................................Cockeysville, MD
B.S., M.S., Clemson University
Dissertation: Design Thinkers Can Save the World: How Understanding their Interests, Goals, and Motivations can inform Engineering Educators
Advisor: Dr. L Klotz

Corey Anthony Cattano .................................................................New Providence, NJ
B.S., Lafayette College; M.S., Clemson University
Dissertation: Using the Delphi Method to Measure the Vulnerability of Residential Homes to Natural Hazards
Advisor: Dr. L Klotz

Shubhada Gadkar .................................................................Aurangabad, India
B.E., M.E., Dr. Babasaheb Ambedkar Marathwada University; M.S., Clemson University
Dissertation: Freeze-Thaw Durability of Portland Cement Concrete Due to Addition of Crumb Rubber Aggregates
Advisor: Dr. P Rangaraju

Enamur Rahim Latifee .................................................................Dhaka, Bangladesh
B.E., Bangladesh University; M.S., University of New Hampshire
Dissertation: Miniature Concrete Prism Test - A New Test Method for Evaluating the ASR Potential of Aggregates, the Effectiveness of ASR Mitigation and the Job Mix
Advisor: Dr. P Rangaraju

Zhiyun Li ............................................................................Jinhua, China
B.S., M.S., Dalian University of Technology
Dissertation: Development and Evaluation of an Intelligent Transportation Systems-Based Architecture for Electric Vehicles
Advisor: Dr. M Chowdhury

Zhifeng Liu .................................................................Clemson, SC
B.E., Wuhan University; M.Ed., Huazhong University of Science and Technology
Dissertation: Robust Design Optimization: Ensuring Robustness against Uncertainty in Structural Design
Advisor: Dr. S Atamturktur

William David Martin III ...........................................................Anderson, SC
B.S., M.S., Clemson University
Dissertation: Hydraulic Impact of Porosity Distribution and Hydrologic Characterization of Porous Pavements
Advisors: Dr. B Putman and Dr. N Kaye

Sujay Math .................................................................Hubli, India
B.E., Visveswaraiyah Technical University; M.S., Clemson University
Dissertation: Optimizing SCM Proportions to meet Multiple Performance Characters of Ternary Concrete Mixtures using Simplex-Centroid Design and Analysis Techniques
Advisor: Dr. P Rangaraju
Computer Engineering

Rahul N Amin ...........................................................................................................Lawrenceville, GA
B.S., M.S., Clemson University
Dissertation: Towards Viable Large Scale Heterogeneous Wireless Networks
Advisor: Dr. J Martin

Crystal Alicia Jackson .....................................................................................................Swansea, SC
B.S., M.S., Clemson University
Dissertation: Hierarchical Channel-Access and Routing Protocols for Heterogeneous Multichannel
Ad Hoc Networks
Advisor: Dr. H Russell

Ninad Nilkanth Pradhan...............................................................................................Mumbai, India
B.E., University of Mumbai; M.S., Clemson University
Dissertation: Mobile Robot Navigation for Person Following in Indoor Environments
Advisor: Dr. T Burg

Paul Mark Yanik .............................................................................................................Cullowhee, NC
B.S., M.S., North Carolina State University
Dissertation: Gesture-Based Robot Path Shaping
Advisor: Dr. I Walker

Computer Science

Hampton Wade Smith .....................................................................................................Greer, SC
B.S., Roanoke College
Dissertation: Engineering Specifications and Mathematics for Verified Software
Advisor: Dr. M Sitaraman

Electrical Engineering

Xiaoxia Huang .................................................................................................................Xi’ An, China
B.S., M.S., Xian University of Technology
Dissertation: Occlusion-Aware Multi-View Reconstruction of Articulated Objects for Manipulation
Advisor: Dr. S Birchfield

Apoorva Deepak Kapadia...............................................................................................Mumbai, India
B.E., University of Mumbai; M.S., Clemson University
Dissertation: Modeling, Control and Motion Analysis of a Class of Extensible, Continuum
Manipulators
Advisor: Dr. I Walker

Environmental Engineering and Science

Donald Alexander Beebe...............................................................................................Mobile, AL
B.S., University of South Alabama
Dissertation: Treatment of Oil and Natural Gas Produced Water using Constructed Wetlands
Advisor: Dr. J Castle

Industrial Engineering

Essam Zuhair Namouz.....................................................................................................Greenville, SC
B.S., M.S., Clemson University
Dissertation: Automated Assembly Time Estimation Method
Advisor: Dr. J Summers
Industrial Engineering (continued)

Hector Hernan Toro Diaz .................................................................................................... Central, SC
B.A., M.S., Universidad Del Valle
Dissertation: Joint Location and Dispatching Decisions for Emergency Medical Service Systems
Advisor: Dr. M Mayorga

Materials Science and Engineering

Jennifer Whitney Graff ............................................................................................................ Irmo, SC
B.S., Clemson University
Dissertation: Exceeding the Filling Fraction Limit: An Approach to Enhancement of
Thermoelectric Properties of Filled - Co4sb12 Skutterudite
Advisor: Dr. T Tritt

Guillaume Guery .............................................................................................................. Saint Lon les Mines, France
B.A., University of Bordeaux; M.S., Clemson University
Dissertation: Elaboration and Optimization of TeO2 Based Materials for Raman Gain Applications
Advisor: Dr. K Richardson

Bin Qi .................................................................................................................................. Taiyuan, China
B.S., M.S., Zhejiang University
Dissertation: Factors Controlling Synthesis of Iron-Oxide Nanoparticles and the Effect of Surface Charge on Magnetic Hyperthermia
Advisor: Dr. O Mefford

Michael J Seeber ............................................................................................................... West Winfield, NY
B.S., University of New Haven
Dissertation: Synthesis and Characterization of Thermally Responsive Polymer Layers
Advisor: Dr. I Luzinov

Chen-Chih Tsai .................................................................................................................. Clemson, SC
B.S., National Cheng Kung University; M.S., National Taiwan University; M.S., Clemson University
Dissertation: Electrospun Nanofiber Yarns for Nanofluidic Applications
Advisor: Dr. K Kornev

Mathematical Sciences

Brian Christopher Dandurand .......................................................................................... Clemson, SC
B.S., Furman University; M.S., Clemson University
Dissertation: Mathematical Optimization for Engineering Design Problems
Advisor: Dr. M Wiecek

Keith Joseph Galvin ........................................................................................................... Fairfax, VA
B.S., James Madison University; M.S., Clemson University
Advisors: Dr. L Rebholz and Dr. H Lee

James Andrew Livsey ........................................................................................................ Buffalo, NY
B.S., State University of New York; M.S., Clemson University
Dissertation: Count Time Series and Discrete Renewal Processes
Advisor: Dr. R Lund
Mathematical Sciences (continued)

Dania M Zantout ..........................................................................................................Beirut, Lebanon
B.S., Beirut Arab University; M.S., American University of Beirut
Dissertation: On the Cuspidality of Maass-Gristenko and Mixed Level Lifts
Advisor: Dr. J Brown

Mechanical Engineering

C Leigh Herran ................................................................................................................Greenville, SC
B.S., Clemson University
Dissertation: Jet Instability and Droplet Formation for Bio-Printing Applications
Advisor: Dr. N Coutris

Parikshit Mehta .......................................................................................................Gandhinagar, India
B.E., Gujarat University; M.S., Clemson University
Dissertation: Model Based Control of Machining Processes
Advisor: Dr. L Mears

Physics

Pooja Puneet .....................................................................................................................Sitapur, India
M.S., Indian Institute of Technology Roorkee
Dissertation: Multi-scale Defect Engineering and Interface Modifications for Enhancement of
Thermoelectric Properties in Nanostructured Bulk Materials
Advisor: Dr. T Tritt

College of Health, Education and Human Development

Doctor of Philosophy

Curriculum and Instruction

Heather Rogers Brooker ..................................................................................................Greenville, SC
B.S., Wake Forest University; M.S., Medical University of South Carolina
Dissertation: The Effects of Visual Imagery and Keyword Cues on Third Grade Readers’ Memory,
Comprehension, and Vocabulary of Narrative and Expository Text
Advisor: Dr. L Gambrell

Mickey Lee Losinski ................................................................................................................Greer, SC
B.A., Southern Oregon State College; M.A., Washington State University
Dissertation: Examining the use of Structural Analysis to Develop Interventions for Students
Exhibiting Challenging Behaviors
Advisor: Dr. A Katsiyannis

Angela Marie Tuttle Prince .....................................................................................................Greer, SC
B.A., Pensacola University; M.S., M.Ed., Bob Jones University
Dissertation: Post-School Engagement of Youths with Disabilities in South Carolina: Analysis of
Employment and Postsecondary Education Outcomes across Three Years
Advisor: Dr. J Hodge

Joanna Burns Stegall............................................................................................................Easley, SC
B.S., Francis Marion University; M.Ed., Clemson University
Dissertation: Effects of Computer-Aided and Graphic Organizer Instruction in Algebra Vocabulary
for Secondary Students
Advisor: Dr. J Hodge
Educational Leadership

Mehmet Akif Erdener ...................................................................................................... Konya, Turkey
B.A., Selcuk University; M.Ed., Clemson University
Dissertation: Turkish Parents Perceptions of their Involvement in Schooling
Advisor: Dr. R Knoeppel

Amin Marei Mosa Mohamed ............................................................................................Clemson, SC
B.A., University Garyounis; M.A., Academy of Graduate Studies
Dissertation: The Effects of Political Culture of Fear on Student Perceptions of Leadership in
Student-Faculty Relationships
Advisor: Dr. R Marion

Brian Harley O’Neil .......................................................................................................... Virginia Beach, VA
B.A., Virginia Wesleyan College; M.S., Old Dominion University
Dissertation: College Choice: Influential Factors of High School Seniors Decision to Enroll at
Private Colleges in South Carolina
Advisor: Dr. T Cawthon

Ronald Patrick Thompson ............................................................................................... Piedmont, SC
B.S., Hyles Anderson College; M.S., Bob Jones University
Dissertation: A Rawlsian Instrument for the Evaluation of Justice in Educational Policy Documents
Advisor: Dr. C Brewer

International Family and Community Studies

Weijun Wang ..................................................................................................... Gansu Province, China
B.A., Northwest University; M.A., University of Otago
Dissertation: Bullying Among US School Children: An Examination of Individual and
School-Level Variables
Advisor: Dr. S Limber

Parks, Recreation and Tourism Management

Mohamed Abdussalam Darfoon ........................................................................................ Houn, Libya
B.A., Nasser University; M.B.A., Academy Of Graduate Studies
Dissertation: An Examination of Service Quality and Satisfaction in a Religious Tourism Setting
Advisor: Dr. K Backman

Brent Lindsay Hawkins .................................................................................................... Ellerbe, NC
B.S., M.S., East Carolina University
Dissertation: Understanding the Influence of Contextual Factors on Community Reintegration
among Service Members Injured in the Global War on Terrorism
Advisor: Dr. F McGuire
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COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

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Applied Economics and Statistics
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Biological Sciences
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Wildlife and Fisheries Biology
Curtis Daniel Walker ................................. North Charleston, SC

COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

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MASTER OF REAL ESTATE DEVELOPMENT
(Master of Real Estate Development is jointly administered by the College of Architecture, Arts and Humanities and the College of Business and Behavioral Science.)
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MASTER OF ARTS
Communication, Technology and Society
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English
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History
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Bryan Wesley Cribb ..................................... Marion, SC
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Carlisle Evans Kennedy ................................ Leesville, SC  
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Elizabeth Alice Sell ..................................... Tipp City, OH  
Robert M Shapiro ........................................... Laurens, SC  
Paul Antoine Sleiman .................................... Taylors, SC  
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Eric Lane Williams ........................................ Knoxville, TN  
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Taylor McCormick Cox ................................ Dallas, TX  
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Tiffany Lan Greene ....................................... Simpsonville, SC  
Matthew Warn Haberman ................................ Alexandria, VA  
Brandon John Hansen ................................... Greenville, SC  
Adam Charles King ......................................... Greenville, SC  
Juhong Li ..................................................... Jiangsu, China  
Jiaying Ling ................................................ Kunshan, China  
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Gregory Martin ............................................. Greenville, SC  
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Allison Anne McGillick ................................ Omaha, NE  
Harry Ward Miley III .................................... Columbia, SC  
Eric Charles Mohrmann ................................ Greenville, SC  
Steven R Nash .............................................. Greer, SC  
Catherine Opalka .......................................... Charlotte, NC  
Brandon M Robinson ..................................... Duncan, SC  
John Chalmers Rogers .................................. Fort Mill, SC  
Adam Joel Schiller ....................................... Tipp City, OH  
Lara Lee Schumpert ...................................... Prosperity, SC  
John Claude Signore .................................. Wyckoff, NJ  
Catherine Michelle Stasny ................................ Walhalla, SC  
Colin Robert Stenvall ................................... Randolph, NJ  
Jamie Lee Templar ........................................ Greer, SC  
Jacob John Thiry ............................................. Summerville, SC  
Kevin Bart Tucker, Jr. ...................................... Rock Hill, SC  
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Economics
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COLLEGE OF ENGINEERING AND SCIENCE

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Anuradha Pinisetty Hyderabad, India
Yujie Shu Chengdu, China
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MASTER OF ENGINEERING

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Shobha Eason Sugar Land, TX
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Industrial Engineering (continued)
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Travis Springer Richmond, TX
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MASTER OF SCIENCE

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Gokul Kritivasan Chennai, India
Chandrakant Gundara Kulkarni Pune, India
Numair Anwar Mazgaonkar Mumbai, India
Himanshu Rakesh Mehta Pune, India
Himanshu Satish Paretkar Mumbai, India
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Akshay Prakash Shinde Pune, India
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Achyut Venkatarammu Bangalore, India
Arun Venkitakrishnan ernakulam, India
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Automotive Engineering (continued)
Julian Alexander Weathersby ...................... Los Angeles, CA
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Bioengineering
Tara Lynn Britton ........................................ Saratoga Springs, NY
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Vandana Devi Pandian Babu ........................ Madurai, India
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Chengyi Tu ................................................ Guizhou, China
Christopher Ryan Waddell ........................... Easley, SC

Biosystems Engineering
Yifan Du ........................................ Hunan, China
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Stephen Wood Taylor ................................. Marion, SC

Civil Engineering
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MD Nasimul Hoque Chowdhury ........ Dhaka, Bangladesh
Cheng-Ho Hsiao ........................................ Taoyuan City, Taiwan
Brian George Maleck .................................... Martinez, GA
MD Mizanur Rahman ................................. Meherpur, Bangladesh
Shabi Abbas Yusufali Udupirwala .................. Clemson, SC
Lei Wang .................................................. Changzhi, China
Mengyu Yang .............................................. Xi’an, China

Computer Engineering
Ziqing Huang ........................................... Fujian, China
Nimisha Shirish Raut ........................................... Navi Mumbai, India

Computer Science
Jonathan Lamar Cox ..................................... Newport Coast, CA
Shaina Dhir ............................................. Clemson, SC
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Navin Navalkishor Soni ............................... Nagpur, India
Meng Wu ................................................ Weifang, China
Guangyu Yang .......................................... Haikou Hainan, China

Electrical Engineering
Steven James Chambers ............................... Lilburn, GA
Ismail Esin ........................................... Kahramanmaraş, Turkey
Yuxi He ................................................ Liaoning, China

Environmental Engineering and Science
Wilson G Beita Sandi .................................................. La Dibujada, Costa Rica
Sarah Marie Herr ...................................... Fort Mill, SC
Priya Rachel Jacob ................................. Bangalore, India
Ying Sun ................................................ Tianjin, China
Christopher D Weber ........................................ Greenwood, IN
Bin Zhang .................................................. Weifang, China

Hydrogeology
Laura A Daniels ........................................ Clarksville, TN
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Industrial Engineering
Sreenath Chalil Madathil ................................ Central, SC
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Materials Science and Engineering
James Brandon Marro ................................ Orangeburg, SC

Mathematical Sciences
Xiaohua Bai ............................................... Beijing, China
Sher Bahadur Chhetri ................................... Clemson, SC
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Erica Louise Deahl .................................... Lexington, SC
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Mechanical Engineering
Jasmin Adesara .......................................... Pune, India
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Neelakantan Padmanabhan ................................ Salem, India
Rahul Sharan Renu ...................................... Bangalore, India
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Ramin Yavari ............................................ Central, SC
Tyler James Zellmer ................................. Tracy, CA
Colleges of Health, Education, and Human Development

Education Specialist
Administration and Supervision

Ronda Adams Palmer ........................................... Union, SC

Master of Arts in Teaching
Middle Level Education

Cassie Dudley Batson ..................................... Greenville, SC
Kimberly Michelle Sherman ............................. Kershaw, SC
Sarah Elizabeth Whitley .................................... Simpsonville, SC

Secondary Education
Courtney Elizabeth Davis ............................. Columbia, SC
Amy Grey Johnson ........................................ Columbia, SC
Samuel Robert Liska ....................................... Greenville, SC
Hannah Kate Medlock .................................... Clemson, SC
Douglas Laird Minor .................................... Simpsonville, SC
Ashley Virginia Mitchell ................................ Greenville, SC
Nicholas Michael Sadie .................................... Greenville, SC
Courtney L Samuel .......................................... Mauldin, SC
Lauren Ashley Scowcroft ................................ Greenville, SC

Master of Human Resource Development

Vaneishia Nicole Andrews ............... Anderson, SC
Elizabeth Grimes Bottoms ..................... West Union, SC
Tyler Tennyson Carlton ........................................ Sapulpa, OK
Charles Clayton Cohen ....................... Union, SC
Julie C Cox ................................................. Easley, SC
Donna White Davis ........................................ West Columbia, SC
Anthony Nicholas DeLuca, Jr. ............. Boca Raton, FL
Marcy A Desmarais ........................................ Taylors, SC
Ronald J Dobies ........................................ Saratoga Springs, NY
William Patrick Foshee ....................... Brentwood, TN
Kathy Gilbert ............................................ Inman, SC
Emily Roettger Graber ................................ Lancing, TN
Deidre Michelle Henthrop ............................ Seneca, SC
Erica Denise Hickman .................................. Sumter, SC
Juanita Willis Hicks ........................................ Dalton, GA

Master of Education
Counselor Education

Spencer Edward Beeson ............................... Blacksburg, VA
Marco Antonio Diaz ........................................... Arecibo, Puerto Rico
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Chrystal Alexandra Newton ..................... Taylors, SC
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Literacy

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Amy Bowlin Terlitsky ................................ Greenville, SC

Secondary Education

Melissa Collum ........................................ Shiocton, WI

Special Education

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Master of Science
Nursing

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Parks, Recreation and Tourism Management

Victoria Jewel Luke .................................Seneca, SC
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Christopher Britton Starker .................Taylors, SC

Youth Development Leadership

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GRADUATE SCHOOL

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Karl Lawrence Stefan ........................................ Greenville, SC
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Caroline Janet Wright ..................................Spartanburg, SC

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**Kelsey Breanne Bridges-Anderson .................Clover, SC
**Andrew Coleman Warner .............................Troy, SC

Agricultural Mechanization and Business

William Pressley Best .....................................Chapin, SC
Joseph Caulder Oswald IV ............................. Allendale, SC

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Michael Liston Sarvis .....................................Loris, SC

Biochemistry

Zanib Syeda Hassan .......................................Anderson, SC

Biological Sciences

Samantha Crystal Drew ..................................Marion, SC
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Environmental and Natural Resources

Chandler Madison Caldwell .......................... Awendaw, SC
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Christopher Hunter Eddy ................................Pawleys Island, SC

Genetics

Michael Chaudhary .......................................Anderson, SC
Christopher Lamar Robinson .........................North Augusta, SC

Horticulture

Carla Allison Boozer .....................................Great Falls, SC
Christopher Hunter Cockram .........................York, SC

Microbiology

Lauren Elizabeth Behrmann ..............................Grapevine, TX
Kayla Perry Holden .......................................Pendleton, SC
Luke Tyson Lampe ..........................................Clemson, SC

Packaging Science

Michael Leonard Amico, Jr. ............................Greenwich, NY
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*A Michael Edward Pratt ......................... Taylors, SC
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*Marjorie Lynne Schultz .................................Charleston, SC

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Marshall Leland Mills ....................................Beech Island, SC
Janelli Gonzalez Saavedra ..............................Manila, Philippines
†**Robin Kay Winchester ..............................Richburg, SC
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Christopher Glen King ....................................Greer, SC
Erica Elizabeth Lane ......................................Goose Creek, SC
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Janelli Gonzalez Saavedra ..............................Manila, Philippines
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Tanesshia Cherie Young ..................................Liberty, SC
Turfgrass
James Ian Hartzler ............................................. Florence, SC
Christopher Ashe Rinebold ................................. Irmo, SC

Wildlife and Fisheries Biology
Cyrus Hunter Baird ............................................. Glen Allen, VA
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Bachelor of Landscape Architecture
Christopher Joseph Pierson ............................................. Naperville, IL
Madison Taylor Rice .................................................... Beaufort, SC

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Architecture
***Lansing Alexandria Dodd ............................................. Santa Ana, CA
Dylan Phillips Perkinson ................................................. Greenville, SC

Communication Studies
Megan Alexandra Brock ............................................. Asheville, NC
*Brenda Grace Miller ................................................. Seneca, SC

English
Jillian LaRae Danson ............................................. Walhalla, SC
Shealy Nina DeLoache ........................................ Pawleys Island, SC
Sabrina Tess Jawer ................................................ Washington, DC
†Jessica Leigh Jernigan ........................................ Seneca, SC
Jeremy Randolph Mitchell ...................................... Saluda, SC
Cydonie Camille Mothersill ......................................... Grand Cayman, Cayman Islands
*Charles Maximilian Sewesky ........................................... Lexington, SC
Caroline Catherine Swanson ..................................... Charleston, SC
Lauren Kathleen Weller ............................................ Gaithersburg, MD
GeorgeAnna Dale Westmoreland .................................. Clover, SC

History
Heather Kristine Armenta ......................................... Salem, SC
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John Louden Furse ................................................ Manning, SC
Ashlyn Taylor Hall ................................................ Isle of Palms, SC
Kaleb Thomas Morrell ........................................... Cheraw, SC
Austin James Reid ................................................ Easley, SC
Timothy Steven Saxe ................................................ Greer, SC
Julia Elizabeth Wills ................................................ Mt Pleasant, SC

Language and International Trade
Miles Patrick Bryan ........................................... Anderson, SC
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Susanne Louise Sward ........................................ Northfield, IL

Modern Languages
Kaela Ayanna Gardner ........................................ Columbia, SC
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Philosophy
**John Mark Smotherman ................................. Clemson, SC
Jonathan Mark Whittle ........................................ Sumter, SC

Production Studies in Performing Arts
Michael James Dixon ........................................ Selden, NY
Connor Daniel Hinson ........................................... Columbia, SC
Nicholas James Stow ........................................... Landrum, SC
Alex Michael Talbert ........................................ Easley, SC
Christopher William Tollack .................................. Easley, SC

Bachelor of Science
Construction Science and Management
Brandon Andrews ........................................ Johnston, SC
Kelly Ann Peart ................................................. Waxhaw, NC

Language and International Health
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College of Business and Behavioral Science
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Bachelor of Arts
Economics
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Christopher Michael Cato ................................ Greenville, SC
Jason Fitzpatrick Combs ................................ Allendale, SC
Preston Harry Edwards ....................................... Pendleton, SC
Fred Grey Farthing IV ........................................ Columbia, SC
Michael Ryan Gillespie ........................................... Liberty, SC
Bradley Ted Hoover, Jr. .............................................. Kingsport, TN
John Drayton Hopkins III ........................................ Simpsonville, SC
Victoria Jean Jones ............................................. Sumter, SC
**Mitchel Jacob Logue ........................................... Bluffton, SC
**Samantha Ann Martin ......................................... Boyds, MD
Marjorie Frances Mayville ...................................... Carolina Beach, NC
Travis Christopher Patterson ...................................... Panama City Beach, FL
Megan Elizabeth Piatt ........................................... Shreveport, LA
Chase Douglas Robinson .......................................... Rock Hill, SC
Pierce McBeel Smith, Jr. ............................................ Roswell, GA
Hannah Elizabeth Stanley ........................................... Hartsville, SC
*Joshua H C Turner .............................................. Greenville, SC

BACHELOR OF SCIENCE

**Samantha Nam Trinh ............................................ Columbia, SC
*Gianna Nicole DiBlasio ........................................ Jamison, PA
*Ashley Rose Golchin ............................................. Hopedale, MA
Laura Porcher Haynie ............................................. Charleston, SC
Terra Lynn Holovacs .............................................. Hingham, MA
Kristina Evan Horton ............................................. Clemson, SC
Vanessa Tjerika Krombeen ...................................... Lake Wylie, SC
*Andrew Harris Lovice ............................................ Sumter, SC
***Elizabeth Ann Payne ............................................ Greer, SC
Lianna Manatis Saad .............................................. Spartanburg, SC
Savannah Leigh Sox .............................................. Columbia, SC
Carissa Rae Stech .................................................. Easley, SC
Marlena Hilari Wesh ............................................. Virginia Beach, VA

Sociology

Jasmine Alexis Brunson .......................................... Southampton, Bermuda
DeWitt Floyd Ford .................................................. Gaffney, SC
Katherine Tyler Pearlstone ...................................... Clemson, SC

Economics

Kristen Ann Buckless ............................................. Colchester, VT
Dennis John Dorsey III .......................................... Brentwood, TN
Charles Edmund Downs ......................................... Lexington, SC
Alec Daniel Houghton ............................................ Simpsonville, SC
Thomas Michael Mahon, Jr. ...................................... Neptune, NJ
Eric David Miller .................................................. Easley, SC
**Kathryn Annadel Nicholson .................................. Sudbury, MA
Davis McComb Rose ................................................ Fairfax, VA
Richard Blake Workman .......................................... Campobello, SC

Financial Management

Charles Edward Adams, Jr. ....................................... Spartanburg, SC
†**William Alexander Austin ................................... Asheville, NC
William Dalton Chester ........................................... Summerville, SC
Kai Alexander Donald Schloss .................................... Mt Pleasant, SC
Tyler Christian Grimes ............................................. Manhasset, NY
Ashleigh Lauren Justice .......................................... Hilton Head Island, SC
Seth Thomas Kimble ................................................ Hanahan, SC
Bradley Joseph Kittel .............................................. Greer, SC
**Jacob Robert Lawler ............................................ Greenville, SC
Ryan Vincent Mangone ............................................. Lake Barrington, IL
Edward Paul Maves, Jr. ............................................. Greenville, SC
Mark London McCall .............................................. Lutherville, MD
William Buckley Robinson ....................................... Chadds Ford, PA

Graphic Communications

**Mackenzie Meredith Cleland ................................ Lexington, SC
Douglas Ryan Winkowski ......................................... Sparta, NJ

Management

***María Benedicto Ibáñez ....................................... Madrid, Spain
Andrew Berrier ..................................................... Lexington, NC
Shannon Michael Bezner .......................................... Charlotte, NC
Cassius Acori Bosket .............................................. Clemson, SC
Andrew Riley Boswell .............................................. Simpsonville, SC
Houston Ross Burnett ............................................ New Prospect, SC
Julia Elizabeth Burton ............................................. Stoneville, NC
*Beatriz Canobucholz ............................................. Athens, Greece
***Larissa Mae Caple ................................................ Sunset, SC
Kaitlyn Ann Carter .................................................. Greer, SC
**Carina M Christensen ............................................ Aarhus, Denmark
Ashlee Lynn Conrad .............................................. Myrtle Beach, SC
Alexander Stephen Craft .......................................... Blythewood, SC
Carl McNair Cross .................................................. Winston-Salem, NC
***Christian Engkrog Andersen ................................ Skive, Denmark
Michelle Denise Faber ............................................. Columbia, SC
***Sergio Fernández Zuazúa ...................................... León, Spain
Erin Kathleen Gaine ................................................ Landrum, SC
**Javier García-Brazales Sierra ................................. Madrid, Spain
Luke Thompson Godwin ............................................ Greenville, SC
James Perrin Guignard ............................................. Columbia, SC
Charley D Hill ...................................................... Anderson, SC
Maria Easton Hill .................................................. Seneca, SC
Aaron Nicholas Hudson .......................................... Lancaster, SC
Management (continued)

Lisa Mary Hughes..........................Charleston, SC
Michael Jeffery Johnson.............Milwaukee, WI
Hannah Marie Joyce ..............Harrisburg, PA
Jessica Danielle Kilpatrick.........Walhalla, SC
James F King III ..................Seneca, SC
Tyler Chase Kitchens ..............Spartanburg, SC
*Celia Martin San Juan ..........Madrid, Spain
Eric Joseph McManus ..............Fort Mill, SC
Morgan Franchesca McMinn ..........Hendersonville, NC
Stephen Russell Mudge .............Geer, SC
*Anne-Sofie Sejer Petersen ......Svendborg, Denmark
Charles Pike.......................Greenville, SC
Russell Nelson Reneau .............Great Falls, VA
John McQuilkin Richmond ..........Dalton, GA
Andres Romero ..................Madrid, Spain
*Michael A Sachs ..................Malvern, PA
Barrett Rea Scott ..................Fairfax Station, VA
*Quentin Turner Sills.................Lexington, SC
Thomas William Smith, Jr.........Greenville, SC
Sydney Allison Steenken ..........Goose Creek, SC
***Brennan Ashlyn Stevens .........Camden, SC
Brady Russell Thomas ..........Macon, GA
**Jacob Kanneworff Stigen Ulfkjaer ...Skodstrup, Denmark
Matthew Daly Wallerstedt .........Clemson, SC
Philip Dayne Weaver ...............Greenville, SC
David Kenneth Werner ..........Ontario, Canada
Anna Rae White ................Rock Hill, SC
Amanda Jane Williams.............Rock Hill, SC
Josiah Mckewen Williams IV ..Mt Pleasant, SC
Mitchel Curtis Wilson II ..........Moore, SC
Alexander Brock Wyatt ..........Westminster, SC
Won Kyoung Yoon ..................Boynton Beach, FL
Dillon Lee Briggman ............Mt Pleasant, SC

Marketing

Laura Nicole Ellis..................Lexington, SC
Brett Katherine Fields .............Kiawah Island, SC
Alley Anderson Hood ...............Greenwood, SC

Political Science

William Frederick Barnes III ....Chapin, SC
Joseph Nicolas Casini ..........Oakland, NJ
Lauren Ashley Chapman ..........Clemson, SC

Psychology

Caitlin Elizabeth Bresnahan ......Leesburg, VA
Casey Nicole Burdette ..........Anderson, SC
Elizabeth Holland Davidson ......Columbia, SC
Tayloria Renee Duncan ..........Middletown, CT
*Dannielle Nicole Ennis ..........Fredericksburg, VA
Rebecca Lynndsay Looper ..........Easley, SC
Amy Langmecker Torlay ..........Mauldin, SC

Sociology

Lauren Rebecca Dilleshaw ..........Greenville, SC
Morgan Elizabeth Smith ..........Anderson, SC
*Jake Alexander Stovall ..........Mauldin, SC

College of Engineering and Science

Anand Gramopadhye, Dean

Bachelor of Arts

Computer Science

Wesley Andrew Turner ..........Pauline, SC

Mathematical Sciences

Troy Jerome Bargeron ..........Greenville, SC
Tiffany Elizabeth Gray ..........Cope, SC
*Sarah Joy Johnson .............Inman, SC
Jalonna Vanellé Kearney ..........Lawrenceville, GA
Brian David Kidd ..........Summerville, SC

Bachelor of Science

Bioengineering

*John Patrick O’Donnell ..........Gaithersburg, MD
†*Robin Kay Winchester ..........Richburg, SC

Biosystems Engineering

Christopher Brian Wyatt, Jr ..........Richmond, VA

Chemistry

Dillon Lee Briggman ..........Columbia, SC

Civil Engineering

**Leigh Ann Allison ..........Mt Pleasant, SC
Sharif Nadim Aziz ..........Clemson, SC
Jordan Richard Behringer ..........Mt Pleasant, SC
Ryan Kenneth Braasch ..........Greenville, SC
Thomas Justin Bunting ..........Mt Pleasant, SC
Andrew DeWane Johnson ..........Inman, SC
Kenneth Chandler Podd, Jr ..........Greenville, SC
Robert Owen Roper ..........Fountain Inn, SC

Computer Engineering

Tanay Arora ..........Greenville, SC
Zachary Jackson Durham ..........Galivants Ferry, SC
**Benjamin Richard Jones, Jr ..........Columbia, SC
Gurpreet Kaur ........Jamsheedpur, India
*Dylan Wagenseller ..........Clover, SC
Computer Science

Christopher Michael Fairchok .................. Greer, SC
Damien Richard Harsany ...................... Cheraw, SC
Alexander Joseph Kelly ...................... Mauldin, SC
Keith Lee Perkins ............................ North Charleston, SC
Mark Allen Schindler .................. New Orleans, LA
James Walker Slaughter ................... Alexandria, VA
Quincey Garrett Stroud ...................... Nichols, SC

Electrical Engineering

John L Burth ................................. Easley, SC
Keith Lee Coles .............................. Kingstree, SC
**Nathan Alexander Reed ........ Simpsonville, SC

Geology

*William Maynard Chamlee ...................... Easley, SC

Industrial Engineering

Stephanie Renee Brown .................. Columbia, SC
Dennis William Duerden II .................. Bluffton, SC
Leonard Ernest Jackson IV .................. Central, SC
Emily Louise McGrath ........................ Lexington, KY
Kevin Blane Sutton .......................... Fair Play, SC
Corey Lewis Walker ............................. Frisco, TX
Richard Thomas Willhite .................... Waxhaw, NC

Mathematics

*Jessica Carole Blood .......................... Whiting, NJ
Richard Corey MacDonald ........ Hilton Head Island, SC

Mechanical Engineering

Joseph Ryan Brandt ............................. Woodbine, MD
Caitlin Elizabeth Browning ........ Melbourne Beach, FL
*Amelia Faith Campbell ...................... Oak Ridge, TN
Christopher Steven Ehlm .................. Darlington, SC
David John Felty II ......................... Spartanburg, SC
**Christian Gerard Anthony Gaeta ..... Isle of Palms, SC
**Robert Samuel Garrett .................... Greenville, SC
Zachary John Geiger ..................... Charleston, SC
Cameron Masaki Kailhara .................. Great Falls, VA
*Andrew Caleb Klapko ......................... Bel Air, MD
Ian R Moore ................................. Greenville, SC
Bradon Ross Nichols .................... Anderson, SC
Robert Lloyd Pannell, Jr .................. Pacolet, SC
**Lindsey Nicole Pelton .................. Cottageville, SC
Robert Nolan Speice III .................... Charlotte, NC
Steve Gardner Williams III ............. Camden, SC

Polymer and Fiber Chemistry

Nicole Frances Hoffman ..................... Myrtle Beach, SC
Mark Patrick Lew .............................. Greenville, SC

College of Health, Education and Human Development

Lawrence R Allen, Dean

Bachelor of Arts

Secondary Education

*Sarah Joy Johnson ......................... Inman, SC
Jalonna Vanellé Kearney ........ Lawrenceville, GA
Brittani Elaine Keene ................ Greenville, SC
Brittney Ann Whetzel .................. Lusby, MD

Special Education

**Alexa Lynn Rand ...................... Mentor, OH

Double Major

Mathematics and Secondary Education

Heather Nicole Chilcutt .................. Sumter, SC
Claire Marie Whitehead ........ Greenville, SC

Bachelor of Science

Health Science

Ashley Nicole Aikens .......... Harrisonburg, VA
Alex Roger Boots ................. Lake Wylie, SC
Ti’ana Aleeh Branham .......... Hemingway, SC
Stacie Lashone Cowan ........ Anderson, SC
*Danielle Marie Cregan .......... Cream Ridge, NJ
Alexander David Hill .......... Hilton Head Island, SC
Somer Stephens Holladay .......... Seneca, SC
**Sarah Kathryn Jordan ......... St Francisville, LA
John Robert Mason .......... Greenville, SC
Lauren Terstappen .......... Phoenixville, PA
**Savannah Turene White .......... Lexington, SC

Nursing

*Kristin Marie Bass .................. Moncks Corner, SC
***Danette LuAnne Boni .......... Seneca, SC
Donna Lynn Burnside .......... Anderson, SC
*Lynn G Eppley .......................... Greenville, SC
**Melody Lynn Locklear .......... Charleston, SC
**Stephen Don McMahan .......... Greenville, SC
*Mavis Delimini Nakuma .......... Clemson, SC
*Audrianna Shautner Smith .......... Seneca, SC
*Emily Louise Vincent .......... Irmo, SC
**Nicole Elizabeth Welborn .......... Fountain Inn, SC
***Ashlan Davis Williamson .......... Anderson, SC
Parks, Recreation and Tourism Management

Keith Alexander Adams ..................................... Seneca, SC
Christopher Reece Anderson ......................... Sunset, SC
Caleb Arch Ayscue ........................................ Greenville, SC
*Shavonda Sherral Beckett ............................ Pineland, SC
Elizabeth Abigail Calhoun ......................... Greenwood, SC
Corey John Champion .................................... Walhalla, SC
Kenneth Dean Costanzo ............................... Greer, SC
Megan Elizabeth Davis ............................... Mt Pleasant, SC
Brandon George Driscoll ............................. Mt Pleasant, SC
Chancie Iman Dunn ...................................... Decatur, GA
Jacob VanLue Durham .................................... Cowpens, SC
*Courtney Kay Garrett .................................. Greer, SC
Nicholas Grogg ........................................... Charleston, SC
Arias Patrice Hall ........................................ Rock Hill, SC
Jasmine Hutto-Barksdale ............................... Columbia, SC
Ashley Kelley ............................................... Greenville, SC
William Dwight Kelly II ............................... Lyman, SC

Anne Patricia Marino .................................... East Islip, NY
Darion Patterson .......................................... North Brunswick, NJ
Marcus Elliott Plumb ................................ Mt Pleasant, SC
*Courtney Hardt Pund .................................... Seneca, SC
Staci DeLaine Quinn ..................................... Easley, SC
**Melissa Elizabeth Raines ............................. Florence, SC
Stephanie Diane Reale ................................ Chester, NJ
Hillary Ryan Thackston ................................ Orangeburg, SC
Caitlin Loretta Volpe ................................... Stoughton, MA
Cody Monroe Walters ................................ Reevesville, SC
Nicholas Christianthony Watkins ........ New Orleans, LA
*Jamie Lee Willis .......................................... High Springs, FL

**Francene Singletary Thomas .......................... Seneca, SC

Technology and Human Resource Development

*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.
AWARDS

OUTSTANDING GRADUATE RESEARCHER AWARD
The Outstanding Graduate Researcher Award is sponsored by the Clemson University Graduate School and recognizes students annually for excellence in graduate research, one of the core elements of Clemson University’s mission. Graduate students are nominated by faculty members in their departments and recipients are selected by the Graduate School’s Fellowships and Awards Committee. A bronze medallion is presented to each recipient; recipient names are engraved on a plaque housed in the Graduate School.

Recipients of the Graduate School Graduate Researcher Award for 2013
Sandy Momoe Kawano
Zhe Zhang

OUTSTANDING GRADUATE TEACHING ASSISTANT AWARD
The Outstanding Graduate Teaching Assistant Award is sponsored by the Clemson University Board of Visitors and was established to recognize the valuable contributions that graduate teaching assistants make to the education of Clemson University undergraduate students. Individuals are selected each year by the Graduate School’s Fellowships and Awards Committee from nominations by undergraduate students that are endorsed by Clemson University faculty members. A bronze medallion is presented to each recipient; recipient names are engraved on a plaque housed in the Graduate School.

Recipients of the Board of Visitors Outstanding Graduate Teaching Assistant Award for 2013
Kristine Nicole Moody
Dania M Zantout

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 2013
Weston Davis Moore
Brennan Ashlyn Stevens
The University Regalia

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

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

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

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

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

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

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

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

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

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

Curricula are accredited by 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.
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.