

8-9-2013

Clemson Commencement Program, August 2013

Clemson University

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Clemson University

Graduation Exercises



CONGRATULATORY APPLAUSE

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.

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
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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

HONORARY DEGREE

Anita Goldberg Zucker Doctorate of Humanities



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

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

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

Applied Economics

Janet Gemmill PeckhamBirmingham, AL
B.A., Randolph-Macon Women's College; M.S., Clemson University
Dissertation: Estimating Health Impacts of the National School Lunch Program
Advisor: Dr. T Mroz

Biochemistry and Molecular Biology

Amrita Balachander KoushikBangalore, 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 RayDelhi, 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 FreeseIndianola, 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 Polydnnaviruses
Advisor: Dr. M Turnbull

Carrie Lynn WoodsOntario, 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

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

Cady Rose Etheredge Asheville, NC
B.S., University of North Carolina
Dissertation: Ecology and Impacts of Coyotes (*Canis Latrans*) in the Southeastern United States
Advisor: Dr. G Yarrow

Wildlife and Fisheries Biology (continued)

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

Economics (continued)

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

Automotive Engineering

Robert John Mau Laurens, SC
B.S., University of California; M.S., National University; M.S., Oakland University
Dissertation: Improving Conceptual Vehicle Design Maturity through Multi-Objective Integration
and Optimization Techniques using Hybrid First-Order Analytic Models
Advisor: Dr. P Venhovens

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

Bioengineering (continued)

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
Dissertation: Novel Ceria-Zirconia-Yttria Mesostructures: Synthesis, Characterization, Diffusional
Studies & the Effects of Morphology on their Properties
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

Chemical Engineering (continued)

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

Liurukara Duminda Sanjeewa Marawila, Sri Lanka
B.S., University of Kelaniya
Dissertation: Synthesis and Characterization of New Poly-Anion Framework Solids Suitable For Lithium and Sodium Ion Battery Applications
Advisor: Dr. S Hwu

Adam M Siegfried Clemson, SC
B.A., Coker College; M.S., Clemson University
Dissertation: Green Crystal Engineering: Mechanochemical Synthesis of Halogen Bonded Cocrystals
Advisor: Dr. W Pennington

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
Dissertation: Development of an Environmental and Operational Impact Assessment Framework for Connected Vehicle Technology Supported Alternative Fuel Vehicles
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

Civil Engineering (continued)

- 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., 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., Visveswaraiah 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

Computer Engineering (continued)

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

Jamie Renee Lyle..... Parsons, KS

B.A., Mid-America Nazarene College; M.S., Clemson University

Dissertation: Gender and Ethnicity Classification using Partial Face in Biometric Applications

Advisor: Dr. D Woodard

Hampton Wade Smith..... Greer, SC

B.S., Roanoke College

Dissertation: Engineering Specifications and Mathematics for Verified Software

Advisor: Dr. M Sitaraman

Electrical Engineering

Yueyang Dai Beijing, China

B.S., University Electric Science and Technology of China; M.S. Peking University

Dissertation: Study on Electromagnetic Scattering of Cylinders Buried in a Half Space with

Random Rough Surfaces of Finite/Infinite Length

Advisor: Dr. X Xu

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

Amy Elizabeth Hixon..... Sterling, VA

B.S., Radford University; M.S., Clemson University

Dissertation: Factors Affecting the Surface-Mediated Reduction of Plutonium in the Presence of

Pure Mineral Phases

Advisor: Dr. B Powell

Industrial Engineering

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

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

James Matthew Giammarco.....Philadelphia, PA
B.S., Drexel University
Dissertation: Development of Functional Enrichment Polymer Films for Evanescent Sensors
Advisor: Dr. I Luzinov

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 QiTaiyuan, 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

Mathematical Sciences (continued)

Keith Joseph Galvin Fairfax, VA

B.S., James Madison University; M.S., Clemson University

Dissertation: Advancements in Finite Element Methods for Newtonian and Non-Newtonian Flows

Advisors: Dr. L Rebholz and Dr. H Lee

Charles Christopher Johnson Mt Airy, NC

B.S., M.S., Western Carolina University

Dissertation: Involutive Translation Surfaces and Panov Planes

Advisor: Dr. M Schmoll

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

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

Benjamin James Bindewald Greenville, SC

B.A., Anderson University; M.Ed., Clemson University

Dissertation: Awarding Public School Credit for Devotional Courses in Religion: A Case Study of South Carolina's System of Released Time Programs

Advisor: Dr. S Rosenblith

Curriculum and Instruction (continued)

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 Knoeppl

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

Anthony Abidemi Olalere Charleston, SC
B.S., University of Lagos; M.S., University of Ibadan
Dissertation: The Mediating Effect of Collectivist and Entity Contextual Characteristics on Creativity among Faculty in Higher Education
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

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 FOREST RESOURCES

LayLa Waldrop Burgess Seneca, SC
Scott R Paden Hoover, AL

MASTER OF SCIENCE

Applied Economics and Statistics

Benjamin S Gilbert Chapel Hill, NC
Hui Qiao Shijiazhuang, China

Biological Sciences

Danielle N Barra Thousand Oaks, CA
Ann Elizabeth Butler Greenwood, SC
John Frederic Davis Lima, OH
Kelly Nicole England Cartersville, GA
Katherine A Heldt Downingtown, PA
Elizabeth Claire Lange Wheatfield, NY
Brook Nicole Macmillan Wrightwood, CA
Laura Juliene Myers Belle Center, OH

Food, Nutrition and Culinary Sciences

Sarah Ann Borowicz Greenville, SC
Ahmet Buyukyavuz Konya, Turkey
Hsiang-Chi Huang Taipei, Taiwan
Anna Pauline Saunders Anderson, SC
Christopher Neil Shatley Valdese, NC
Sara Lane Stancil Central, SC
Hung Khiem Trang Ho Chi Minh City, Vietnam

Forest Resources

Ryerson Pridgen Pamplin Easley, SC

Microbiology

Megan Dianne Burdette Abbeville, SC

Packaging Science

Scott Huntington Hartley Columbia, SC
Erin M Snyder Laurel, MD
Laura Elizabeth Williams Clemson, SC

Plant and Environmental Sciences

Daniella Josefina Freese Clemson, SC
Jing Hou Beijing, China
Simon Gabriel Isaac Schreier New York City, NY
Jason Allen Sweeney Belvidere, NC

Wildlife and Fisheries Biology

Curtis Daniel Walker North Charleston, SC

COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

MASTER OF CITY AND REGIONAL PLANNING

Felicia Boulware Fort Lawn, SC
Leif Eric Otteson Madison, WI
Utkarsh Kachru Patil Mumbai, India

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.)

Daniel J Driscoll Monona, WI

MASTER OF ARTS

Communication, Technology and Society

Dongni Wang Guangzhou, China

English

Sumood Makki Almaowashi Clemson, SC
Victoria Summers Hurst Seneca, SC
Christine Alyssa Mahoney Greenville, SC

History

Ashley Lauren Goldberg Cold Spring Harbor, NY

Professional Communication

Tierney Becker Gallagher Lancaster, PA

MASTER OF SCIENCE

Historic Preservation

(Historic Preservation is jointly administered by Clemson University and the College of Charleston.)

Charlotte Hewitt Causey Mt Pleasant, SC

COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

MASTER OF BUSINESS ADMINISTRATION

Charles Jacob Adams	Marietta, GA
Heather Creel Aleshire	Greenville, SC
Alyssa Michelle Bedekovich	Williamstown, WV
Eric L Bergeson	Greenville, SC
Robert Livingston Brown, Jr.	Greenville, SC
Karlton Leland Bruns	Travelers Rest, SC
Patricia E Burlison	Liberty, SC
Tara Choudhary Cagle.....	Greenville, SC
Onyinye Chiejina.....	Simpsonville, SC
Bryan Wesley Cribb	Marion, SC
Riley Morgan Csernica	Mt Pleasant, SC
David Christian Dannelly.....	Easley, SC
Russell Fleming Darley	Simpsonville, SC
Katherine Elizabeth Dively	Chapin, SC
Daniel J Driscoll	Monona, WI
Kristen Roberts Enfinger.....	Greenville, SC
Dirk L Fugate	Greer, SC
Kara Stibora Fulcher.....	Greenville, SC
Tara Greene Glandon.....	Travelers Rest, SC
John Robert Goughneour	Greenville, SC
Michael Chase Grounds.....	North Little Rock, AR
Stefan Hahn.....	Lexington, OH
Robert M Hall III.....	Greenville, SC
Cheng-Ho Hsiao	Taoyuan City, Taiwan
Mary Myers Huff	Greenville, SC
Christy B Jones	Greenville, SC
Namrata Joshi	Greenville, SC
Bryan Scott Kemmerlin	Indian Land, SC
Barrett Lee Kendjoria	Greer, SC
Carlisle Evans Kennedy	Leesville, SC
Shae Christopher Linehan	Greenville, SC
Brendan Arthur Lopes.....	Greenville, SC
Joshua Robert Lopes.....	Easton, PA
Melissa Kristine Martin	Columbia, SC
Benjamin James Maycock	Travelers Rest, SC
Jeffrey McDaniel	Greenville, SC
Jennifer Prater McLeod	Travelers Rest, SC
James Adam Michalak	North East, PA
Kevin Scott Moore	Simpsonville, SC
Brenda Morris-Wilton	Bradford, PA
Patricia Vinette Muller	Smyrna, GA
Richard Pascal III	Chapin, SC
Virginia Kyle Phillips	Spartanburg, SC
John Bradford Powell.....	Greenville, SC
Lance Grayson Putnam	Laurens, SC
Nicholas Bradley Reinhardt.....	Greenville, SC
William Earl Robinson	Central, SC
Darlene Julie Rodillo	Anderson, SC

MASTER OF BUSINESS ADMINISTRATION

(continued)

Courtney Deanne Royster	Woodruff, SC
Jeevan Kumar Sathyaranarayanan.....	Greenville, SC
Shannon Leistner Seidel	Ontario, Canada
Elizabeth Alice Sell	Tipp City, OH
Robert M Shapiro	Laurens, SC
Paul Antoine Sleiman.....	Taylors, SC
Ashleigh Brooke Smith	Simpsonville, SC
Vincia Maria StJean	Spartanburg, SC
Bethany Lee Stockham	Greenville, SC
Patrick Carter Thomasson.....	Greenville, SC
Christopher James Thompson	Fountain Inn, SC
Eric Lane Williams	Knoxville, TN
Melanie Gaye McCulley Yenovkian.....	Ashland, VA

MASTER OF PROFESSIONAL ACCOUNTANCY

Joe Perrin Anderson	Belton, SC
Arnold Mark Barnett	Prairie Village, KS
Amanda Benson.....	Montgomery, AL
Brandon Alexander Blake	Boiling Springs, SC
John K Boyte III.....	Anderson, SC
Mason Lawrence Bradley	Charlotte, NC
Tiffany Danielle Buckelew	Cartersville, GA
Natashia Lindsay Cooke	Easley, SC
Garrett Alexander Copeland	Fort Mill, SC
Kayla DeeAnne Corn	Greer, SC
Taylor McCormick Cox	Dallas, TX
Luke Austin Danielewicz	Greenville, SC
Amber Nicole Davis	Simpsonville, SC
Amy Elizabeth DeVore.....	Spartanburg, SC
Beckham Pate Dunbar	Spartanburg, SC
Elena Cox Dusenbury.....	Aynor, SC
Dennis Wesley Fleming	Andover, MA
Brittany Danielle Floyd.....	Conway, SC
Timo Foerster.....	Oberkirch, Germany
Sarah Rebecca Friel	Charlotte, NC
Francy Stephany Fuentes	North Plainfield, NJ
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
Hailey Katherine Majors.....	Greer, SC
Gregory Martin.....	Greenville, SC
Jordan D McClaran	Greenville, SC
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

MASTER OF PROFESSIONAL ACCOUNTANCY
(continued)

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 Templer	Greer, SC
Jacob John Thiry.....	Summerville, SC
Kevin Bart Tucker, Jr.	Rock Hill, SC
Graham Andrew Vernon.....	Greer, SC
Jeremy Evan Weinberg.....	Ellicott City, MD
Angela Rose Wilson.....	Easley, SC
Krstine Danielle Wilson	Basking Ridge, NJ
Benjamin Wilson Wingo.....	Pauline, SC
Chen Zhu.....	Nantong, China

MASTER OF ARTS

Economics

Cameron Charles Cox.....	Silverdale, WA
Nicholas Alan Worthington Havers.....	Afton, TN
Xiaolong He	Beijing, China
Kristopher Gregory Kusterman	Fort Mill, SC
Shiang Liu.....	Huainan, China
Aiwei Mao	Beijing, China
Christa Marie Partridge	Gainesville, FL
Sarah Elizabeth Sax.....	Murfreesboro, TN
Yingruo Yan	Central, SC
Zhuang Zheqi	Hebei, China

MASTER OF SCIENCE

Applied Psychology

Lauren Elizabeth Ellis	St Pete Beach, FL
Drew Morgan Link	Clemson, SC
Anna Christina McFadden	Pittston, PA

Graphic Communications

Mallory Baxter	Taylors, SC
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Management

Garrett James Visnansky.....	Wilmington, DE
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Marketing

James Nance Haltiwanger, Jr.....	Columbia, SC
Meagan Leigh Johnson	Ellenwood, GA
Shuya Lu	Hubei, China
Megan Elizabeth Morrissey.....	Elburn, IL
Kirsten Maria Pratt	Midway, GA
Ting Wang.....	Greer, SC

COLLEGE OF ENGINEERING AND SCIENCE

MASTER OF FINE ARTS

Digital Production Arts

Zachariah Jesty Inks	Piedmont, SC
Chaoren Li.....	Kunming, China
Daniel Dean McCoy	Seward, IL
Anuradha Pinisetty	Hyderabad, India
Yujie Shu	Chengdu, China
Christyna Nichole Wilson	Simpsonville, SC

MASTER OF ENGINEERING

Industrial Engineering

Gabriel Hernandez Alvarado	Elgin, IL
Chris Choi	Missouri City, TX
Lindsey Caroline Daniels	Arlington, VA
Mark Phillip Dyball	Ladera Ranch, CA
Shobha Eason	Sugar Land, TX
Kris R Frederes.....	Webster, NY
Christian Ivan Gomez	Calgary, Canada
Eduardo A Gonzalez	Houston, TX
Melissa Ayn Lucas.....	Houston, TX
Kay Ellen O'Brien.....	Richmond, TX
Jimmy Steven Parker	Madison, AL
Kala Kiran Shahani.....	Irvine, CA
Deborah Altman Smith	Goose Creek, SC
Stephen Ronald Spoljaric.....	The Woodlands, TX
Travis Springer	Richmond, TX
David Elliott Stroup.....	Anderson, SC
Lisa Suemoto	El Centro, CA
Zarmehr Nawzer Tavaria	Irvine, CA
Matthew Peter White	Cincinnati, OH

MASTER OF SCIENCE

Automotive Engineering

Pankaj Agarwala.....	Kolkata, India
Ninad Amod Alulkar.....	Pune, India
Adarsh Appukuttan	Trivandrum, India
Jairam Balakrishnan.....	Mumbai, India
Suchit D Bhargav.....	Pune, India
Nitin Budhiraja.....	Simpsonville, SC
Pranav Shirish Deshpande	Aurangabad, India
Ashish Dubey.....	Delhi, India
Suraj Goyal	Khanna, India
Jinyu Hou.....	Hohhot, China
J Legend Huffman	Maxwelton, WV
Sung min Ko.....	Incheon, Korea
Gokul Krishivasan	Chennai, India
Chandrakant Gunderao Kulkarni.....	Pune, India

Automotive Engineering (continued)

Numair Anwar Mazgaonkar	Mumbai, India
Himanshu Rakesh Mehta	Pune, India
Himanshu Satish Paretkar	Mumbai, India
Sathyanarayana Veera Venkata Polepalle	Hyderabad, India
Hemanth Potluri.....	Hyderabad, India
Abhishek Ramesh	Bangalore, India
Sitaram Rejeti	Kakinada, India
Anuj Sahai.....	Satna, India
Thomas Joseph Schultz II	Woodbridge, VA
Akshay Prakash Shinde.....	Pune, India
Nitant Ragesh Shroff.....	Mumbai, India
Papeeha Hemant Thombare.....	Pune, India
Curtis James Tingle	Kingsport, TN
Rohit Tiwari.....	Coimbatore, India
Arun Kumar Varadarajan	Chennai, India
Shreyas Venkataraju.....	Mysore, India
Achyut Venkataramu	Bangalore, India
Arun Venkitakrishnan	Ernakulam, India
Kshitij Vishwakarma.....	Raigarh, India
Mangirish Milind Wagle.....	Maharashtra, India
Julian Alexander Weathersby	Los Angeles, CA
Wangxiang Xie	Chengdu, China
Lingjia Zhang	Baicheng Jilin, China
Siwei Zhang.....	Liaoning, China

Bioengineering

Tara Lynn Britton	Saratoga Springs, NY
Riley Morgan Csernica	Mt Pleasant, SC
Johnie O'Neil Hodge	Elgin, SC
Kathryn Conover Drohan Jaeggli.....	Anderson, SC
Eric Montgomery Lucas.....	Chesterton, IN
Vandana Devi Pandian Babu.....	Madurai, India
Breanne Therese Przestrzelski.....	Swannanoa, NC
Chengyi Tu	Guizhou, China
Christopher Ryan Waddell.....	Easley, SC

Biosystems Engineering

Yifan Du.....	Hunan, China
Archana Ganesh.....	Chennai, India
Janani Krishnakumar.....	Chennai, India
Stephen Wood Taylor	Marion, SC

Civil Engineering

Christopher L Almond.....	Blacksburg, VA
Tyler Kenneth Andrews	Seabrook, SC
William Patrick Bolger	Clemson, SC
MD Nasimul Hoque Chowdhury	Dhaka, Bangladesh
Kristin Elizabeth Fisher	Jasper, GA
Wesley Ryan Harrison.....	Kingsport, TN
Cheng-Ho Hsiao	Taoyuan City, Taiwan

Civil Engineering (continued)

Meredith Natividad LaDue	Centreville, MD
Brian George Maleck	Martinez, GA
MD Mizanur Rahman	Meherpur, Bangladesh
Shabi Abbas Yusufali Udaipurwala	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
Arindam Gupta.....	Durgapur, India
Tania Roy	Kolkata, India
Navin Navalkishor Soni.....	Nagpur, India
Zhengrui Sun	Central, SC
Rajas Dilip Tipnis	Pune, 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
Justin Wesley Huston.....	Richmond, KY
Michael A Juang.....	Clemson, SC
Madhabi Manandhar.....	Central, SC
Jessica Nicole Merino	Rocky Mount, VA
Siddarthan Mohan	Thanjavur, India

Environmental Engineering and Science

Wilson G Beita Sandi	La Dibujada, Costa Rica
Kirk Rollins Freeman.....	Greenville, SC
Sarah Marie Herr	Fort Mill, SC
Matthew James Millard.....	Macon, GA
Priya Rachel Jacob.....	Bangalore, India
Ying Sun	Tianjin, China
Christopher D Weber	Greenwood, IN
Bin Zhang.....	Weifang, China

Hydrogeology

Ruthanne Elise Coffey.....	Deland, FL
Laura A Daniels	Clarksville, TN
Jeffrey Paul Schwindaman	Byram, MS
Andrew John Yonkofski	Cumming, GA
Qi Zheng	Clemson, SC

Industrial Engineering

Sreenath Chalil Madathil	Central, SC
Chirag Ojha	Ahmedabad, India
Meera Ramachandran	Clemson, SC

Materials Science and Engineering

James Brandon Marro.....	Orangeburg, SC
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Mathematical Sciences

Xiaohua Bai.....	Beijing, China
Sher Bahadur Chhetri	Clemson, SC
Adem Coskun	Gaziantep, Turkey
Erica Louise Deahl.....	Lexington, SC
David Allen Matthiessen	Chapin, SC
Liem Phan Tu Nguyen.....	Bien Hoa, Vietnam
April Lynn Thomas.....	Anderson, SC
Thanh Thien To.....	Ho Chi Minh City, Vietnam
Trevor Scott Trees Vilardi.....	Alburtis, PA
Yanbo Xia	Chengdu, China

Mechanical Engineering

Jasmin Adeshara	Pune, India
Luis Felipe Fernandez Ayala	Quito, Ecuador
Hrishikesh Ravindra Joshi.....	Thane, India
Alex Vincent Lash.....	Simpsonville, SC
Litao Liang.....	Hubei, China
Liz Mathew.....	New Delhi, India
Neelakantan Padmanabhan.....	Salem, India
Rahul Sharan Renu	Bangalore, India
Selim Tezgel	Erzurum, Turkey
Sarah M Truckenbrodt	Old Saybrook, CT
Ramin Yavari.....	Central, SC
Tyler James Zellmer.....	Tracy, CA

Physics

Poonam Choudhary	Chandigarh, India
Maaneli Derakhshani	Scarsdale, NY
Julie Owen Djordjevic.....	Severna Park, MD
Timothy Robert McClain	Stewartstown, PA
Jonathon Eric Nooner	Clemson, SC
Kristi N Warner	White Oak, GA

COLLEGE 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 Gruber.....	Lancing, TN
Deidré Michelle Henthorn	Seneca, SC
Erica Denise Hickman.....	Sumter, SC
Juanita Willis Hicks	Dalton, GA
Amos Lee Hunter.....	North Rose, NY
Jani Dalenna Jackson	River Ridge, LA
Tamara Denise Jenkins	Neeses, SC
Susanna Marie Johnson.....	Anderson, SC
Lindsay Caroline Meek.....	Charlotte, NC
Tanisha Orr	Carbondale, IL
Mary Hannah Hopkins Pittman	Columbia, SC
Kimberly Hayden Porter	Chilhowie, VA
Anne Katherine Powell	Ashland, VA
Matthew Paul Rabalais.....	Denham Springs, LA
Clarence Colbert Ross III.....	Woodstock, GA
Jonathan Erich Sanderson.....	Simpsonville, SC
Lindsay Brachbill Schreffler	Bellefonte, PA
Alison Poteat Search	Greer, SC
Christopher Shane Williams	Simpsonville, SC

MASTER OF EDUCATION**Counselor Education**

Spencer Edward Beeson	Blacksburg, VA
Marco Antonio Diaz.....	Arecibo, Puerto Rico
Katie Elizabeth Hinson.....	Rock Hill, SC
Chrystal Alexandra Newton	Taylors, SC
Nicholas Erich Paschvoss	Gulf Breeze, FL
Kailee Erin Place.....	Roswell, GA
Chandra Annette Sugalski.....	Greer, SC
Jodi Elyn Welp	Easley, SC

Literacy

Jennifer Clark Bostic.....	Mableton, GA
Lydia R Callahan	Greenville, SC
Madelina De la Caridad Delgado.....	Simpsonville, SC
Danielle Ann Lavin	Peoria, IL
Jocelyn Kayse Long	Greenville, SC
Katelynn Joy Monts	Lexington, SC
Amy Bowlin Terlitsky	Greenville, SC

Secondary Education

Melissa Collum	Shiocton, WI
----------------------	--------------

Special Education

Heather Leigh Conn.....	Winfield, IL
-------------------------	--------------

Teaching and Learning

Megan Childs Shipman	Pickens, SC
----------------------------	-------------

MASTER OF SCIENCE**Nursing**

Cassandra Lynn Drummond.....	Anderson, SC
------------------------------	--------------

Parks, Recreation and Tourism Management

Victoria Jewel Luke	Seneca, SC
Evan R Schreiner	Seneca, SC
Christopher Britton Starker	Taylors, SC

Youth Development Leadership

Morganne Ruth Campbell.....	Fayetteville, GA
Jeffery Dunkling.....	Coker, AL
Monica Elizabeth Lopes.....	Myrtle Beach, SC
Meghan Elizabeth Reed	Newtown, PA

GRADUATE SCHOOL**MASTER OF PUBLIC ADMINISTRATION**

Bernard Richard Brown.....	Fair Oaks, CA
Angela M Cameron.....	Youngstown, OH
Brittney LaDawn Riddick	Greensboro, NC
Reggie Mendez Simpkins.....	Anderson, SC
Thomas Quincy Stanford	Clover, SC

CANDIDATES FOR THE BACHELOR'S DEGREE

COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

Thomas R Scott, Dean

BACHELOR OF ARTS

Biological Sciences

Lauren Kirk Hendrix	Greenville, SC
Janna Komorowski.....	Columbia, SC
*Cody Dillon McAlhaney.....	St Matthews, SC
**Michael Anthony Mendes	Seneca, SC
Stephanie Lynn Mihaly.....	Seneca, SC
John Dexter Pearson	Kansas City, MO
Karl Lawrence Stefan	Greenville, SC
DeNia Zakiya Taylor.....	Columbia, SC
Caroline Janet Wright	Spartanburg, SC

BACHELOR OF SCIENCE

Agricultural Education

Emmanuel Jamal Bankston	Clemson, SC
*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

Animal and Veterinary Sciences

Rachel Marie Brandis	Effingham, SC
**Denise Ann Branecky.....	Newtown, CT
*Clark Anthony Broughton.....	Spartanburg, SC
Vanessa Marie Buso	Ridgefield, CT
Kelsey-Shea Dean Faneuf.....	Moore, SC
Kaylyn Renee Knox.....	Rock Hill, SC
***Kelsey Rebecca Robinson	Greer, SC
*Chelsea Drumwright Sinclair.....	Lexington, SC
Jennifer Marie Trunkle	Manassas, VA

Applied Economics and Statistics

George William Christian III	Concord, NC
Michael Liston Sarvis.....	Loris, SC

Biochemistry

Zanib Syeda Hassan	Anderson, SC
--------------------------	--------------

Biological Sciences

Samantha Crystal Drew.....	Marion, SC
Jonathan Blake Ellisor	Fountain Inn, SC
Christopher Michael Gregorski.....	Derwood, MD
*Amanda Rose Heller	Lexington, SC
*Errett Alexander Jacks.....	Clemson, SC
Christopher Glen King.....	Greer, SC
Erica Elizabeth Lane	Goose Creek, SC
Evan Richmond-Lee Meadows	Columbia, SC
Marshall Leland Mills	Beech Island, SC
Janelli Gonzales Saavedra	Manila, Philippines
*Robin Kay Winchester	Richburg, SC
Tanesshia Cherie Young	Liberty, SC

Environmental and Natural Resources

Chandler Madison Caldwell	Awendaw, SC
Kathryn Alese Floyd	Boiling Springs, SC
Walker Ambrose Holliday II.....	Pawleys Island, SC
Patrick Dean Shepard	Winnsboro, SC

Food Science

Caroline Halliday.....	Roswell, GA
------------------------	-------------

Forest Resource Management

Kylie Michelle Burdette	Abbeville, SC
Christopher Hunter Eddy	Pawleys Island, SC
Bennett Neel Kittrell.....	Raleigh, NC
Andrew Edward Newell	Alpharetta, GA

Genetics

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

Horticulture

Carla Allison Boozer.....	Leesville, 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
Daniel Colt Johnson.....	Chesterfield, SC
Benjamin Thomas Legare	Wadmalaw Island, SC
*Michael Edward Pratt.....	Taylors, SC
Christopher Daniel Underwood	Laurens, SC

Pre-professional Studies

*Natasha Nicolette Colvin.....	Great Falls, SC
Sarah Caroline Drechsler	Clover, SC
James Waynard Hayes	Greer, SC
Edana Tamar Holliday.....	Orangeburg, SC
Jetin Rohit Patel.....	Spartanburg, SC
**Amanda Lynn Qiu.....	Greenville, SC
*Marjorie Lynne Schultz	Charleston, SC

Turfgrass

James Ian Hartzler	Florence, SC
Christopher Ashe Rinebold	Irmo, SC

Wildlife and Fisheries Biology

Cyrus Hunter Baird	Glen Allen, VA
Paula Catalina Ospina Buitrago	Raleigh, NC

COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

Richard E Goodstein, Dean

BACHELOR OF FINE ARTS

Nicholas Taylor Baldwin	Easley, SC
*Jena Kathleen Heaton	Greenville, SC

BACHELOR OF LANDSCAPE ARCHITECTURE

Christopher Joseph Pierson.....	Naperville, IL
Madison Taylor Rice	Beaufort, SC

BACHELOR OF ARTS

Architecture

***Lansing Alexandria Dodd.....	Santa Ana, CA
Charles Brooks Johnson	Charleston, SC

Communication Studies

Megan Alexandra Brock	Asheville, NC
Dallas J Lenderman	Travelers Rest, SC
*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
Brian A Sarafin	Clemson, SC
*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
Nicolas A Castronis	Tallulah Falls, GA
Travis Shaun Franklin	Anderson, SC
John Louden Furse	Manning, SC
Ashlyn Taylor Hall	Isle of Palms, SC
William Edward King	Pendleton, 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
*Jackeline Andrea Galvez Munayco.....	Lima, Peru
Susanne Louise Sward	Northfield, IL

Modern Languages

Kaela Ayanna Gardner	Columbia, SC
Robert Weston Taylor.....	Simpsonville, SC

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
Jacob Talbot	Myrtle Beach, SC

Language and International Health

(Language and International Health is jointly administered by the College of Architecture, Arts and Humanities and the College of Health, Education and Human Development.)

*Erika Marie Handley.....	Easley, SC
Logan Daniel Martin	Easley, SC
Nancy Adina Parra	Taylors, SC

COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

Charles K Watt, Interim Dean

BACHELOR OF ARTS

Economics

Nicholas Richard Aldorisio	Holmdel, NJ
Samuel Dickson Allen IV	Salem, MA
Yubo Cui	Beijing, China
John Drayton Hopkins III	Simpsonville, SC
Timothy Miller	Clemson, SC

Political Science

***Reed Lofton Bennett	Atlanta, GA
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	Boysts, 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
Kamryn Leigh Sherman	Ponte Vedra, FL
Pierce McBee Smith, Jr.	Roswell, GA
Hannah Elizabeth Stanley	Hartsville, SC
*Joshua H C Turner	Greenville, SC

Psychology

Sarah E Barcus	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
Kendall L Howell	Anderson, SC
Katherine Tyler Pearlstone	Clemson, SC

BACHELOR OF SCIENCE

Accounting

Sarah Emily Andrews	Centerville, OH
Whitney Lauren Cook	Barnwell, SC
Stefanie Elaine Cram	Six Mile, SC
Robert Paul Crossland	Mt Pleasant, SC
Marcus Elliott	Spartanburg, SC
Rachel Joy Hudson	Greenville, SC
Robert Joel Jones	Clover, SC
Mackenzie Carr Lillard	McLean, VA
*Ryan Mills McCutchen	Bishopville, SC
Katie Mae Molter	Myrtle Beach, SC
***Weston Davis Moore	Pendleton, SC
Allison M Stancell	Easley, SC
Benjamin Kyle Theisen	Johns Creek, GA
John Patrick Thiessen	Clover, 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 McCord 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
Siedah R Coleman	Abbeville, SC
Kai Alexander Donald Schless	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

Management (continued)

Houston Ross Burnett	New Prospect, SC
Julia Elizabeth Burton.....	Stoneville, NC
*Beatriz Canobuchholz	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 Gainey	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
Laura Clary Hoover	Fairfax, VA
Aaron Nicholas Hudson.....	Lancaster, SC
*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 Martín San Juan	Madrid, Spain
Eric Joseph McManus.....	Fort Mill, SC
Morgan Franchesca McMinn	Hendersonville, NC
Stephen Russell Mudge	Greer, 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	Farifax 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 Stigsen 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 McKewn Williams IV	Mt Pleasant, SC
Mitchel Curtis Wilson II	Moore, SC
Alexander Brock Wyatt.....	Westminster, SC
Won Kyoung Yoon.....	Boynton Beach, FL
Daniel Steven Zimmerman.....	Rock Hill, 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
Nicholas John Holba	Charleston Air Force Base, SC

Psychology

Caitlin Elizabeth Bresnahan	Leesburg, VA
Casey Nicole Burdette	Anderson, SC
Elizabeth Holland Davidson.....	Columbia, SC
Tayloria Renee Duncan	Middletown, CT
*Danielle Nicole Ennis	Fredericksburg, VA
Elizabeth Anne Kirby.....	Lake City, SC
Rebecca Lyndsay Looper.....	Easley, SC
Amy Langnecker 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
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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
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Chemistry

Dillon Lee Briggman	Columbia, SC
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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
Shane Conlan Kelly.....	Westbrook, ME
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	Jamshedpur, India
*Dylan Wagenseller.....	Clover, SC

Computer Science

Christopher Michael Fairchok.....	Greer, SC
Evan Hamilton Gaito	Newark, DE
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
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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 Wilhite	Waxhaw, NC

Materials Science and Engineering

Patrick League Lane	Easley, SC
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Mathematical Sciences

*Jessica Carole Blood.....	Whiting, NJ
John Dawson Heath	Lancaster, SC
Richard Corey MacDonald.....	Hilton Head Island, SC
Matthew Samuel Ramsaroop.....	Fort Lauderdale, FL

Mechanical Engineering

Joseph Ryan Brandt	Woodbine, MD
Caitlin Elizabeth Browning	Melbourne Beach, FL
*Amelia Faith Campbell	Oak Ridge, TN
Mark Andrew Connolly.....	Simsbury, CT
Christopher Steven Ehlman	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 Kaihara	Great Falls, VA
*Andrew Caleb Klapko	Bel Air, MD
Ian R Moore.....	Greenville, SC
Braden 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
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DOUBLE MAJOR

Mathematical Sciences 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

Health Science (continued)

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 Shauntera 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

Parks, Recreation and Tourism Management (continued)

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
Madison Gelain Hall	Laurens, 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
Julian Nathan Patton	Rock Hill, SC
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 Christanthony Watkins	New Orleans, LA
*Jamie Lee Willis	High Springs, FL

Technology and Human Resource Development

**Francene Singletary Thomas	Seneca, SC
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***Cum laude:** A grade-point ratio of 3.40 to 3.69

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

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

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

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 cornelian and amethyst.

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

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

HISTORICAL STATEMENT

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

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

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

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

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

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

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

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.

- U.S. News & World Report ranks Clemson No. 25 among the nation's public universities, No. 7 as an "up-and-coming" school and one of nine public institutions that make writing a priority across all disciplines.
- SmartMoney magazine and Businessweek rank Clemson 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 — 34th for in-state students and 39th for out-of-state students — in its most recent rankings of the "100 Best Values in Public Colleges."
- Clemson is among the nation's 75 best values in public colleges and universities according to *The Princeton Review Best Value Colleges* for 2013.
- The University currently has 11 National Science Foundation Graduate Research Fellows, two Goldwater Scholars and four 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 2012, Clemson's externally funded research expenditures totaled \$101.5 million, including \$99 million in new awards.
- Clemson's Palmetto Cluster ranks fifth on the list of university-owned supercomputers in the U.S., according to the June 2013 Top500 list of international supercomputers.
- 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."
- More than 50 Clemson faculty have been awarded National Science Foundation CAREER Awards, recognizing young faculty members who are excellent researchers and teachers.
- From a pool of 42,000 professors, five Clemson educators are profiled in "The Best 300 Professors" by *The Princeton Review*.
- Sixteen endowed-chair faculty positions have been created to attract new, top faculty through the SmartState Program.
- 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.
- U.S. News & World Report ranks nine Clemson graduate programs in the top 40 among public universities.
- 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.

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.

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 less than a decade, the Clemson University International Center for Automotive Research (CU-ICAR) has become a model for economic development, with 16 campus partners, 30 research partners and 775 employees across 760,000 constructed square feet.
- 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.
- *U.S. News & World Report* ranks Clemson's undergraduate engineering program at No. 33 and the undergraduate business program at No. 34 among national public universities.
- 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. 5 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 sixth 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's incoming freshman SAT scores rank in the top 15 among national public universities by *U.S. News & World Report*.
- 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: 2013 Edition" ranks Clemson No. 1 for good town-gown relations, No. 1 in the "Jock Schools" category, No. 1 for participation in intramural sports, No. 4 for happiest students, No. 5 for career services, No. 15 for "everybody packs the stadium" and No. 15 for the administration's ability to run the University smoothly.

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