

8-13-2011

Clemson Commencement Program, August 2011

Clemson University

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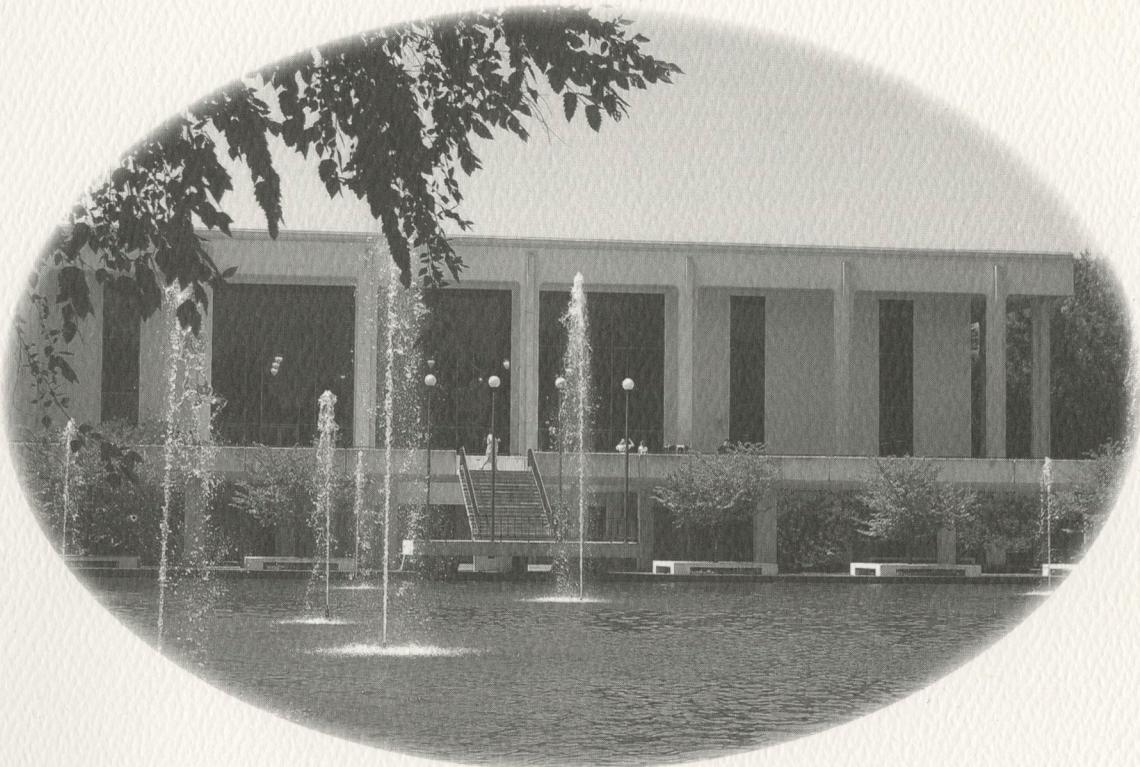
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Clemson University Graduation Exercises



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

SATURDAY, AUGUST 13, 2011

11:00 A.M.

LITTLEJOHN COLISEUM

ORDER OF CEREMONIES

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

POSTING OF COLORS

Clemson Senior Platoon

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

INVOCATION

Anthony Mack II, Student Representative

INTRODUCTION OF TRUSTEES

President James F Barker

RECOGNITION OF THE DEANS OF THE COLLEGES

Vice President for Academic Affairs and Provost

Doris R Helms

CONFERRING OF HONORARY DEGREE

President James F Barker

REFLECTIONS

Dr. Ronnie L Booth

CONFERRING OF DEGREES AND DELIVERY OF DIPLOMAS

President James F Barker

RECOGNITION AND PRESENTATION OF AWARDS

Board of Visitors Graduate Researcher Award

Board of Visitors Graduate Teaching Assistant Award

Ms. Susan Cumbie, Organist/Soloist

Dr. Robert P Green, Jr., University Marshal

BOARD OF TRUSTEES

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

Trustees Emeriti

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

Executive Secretary to the Board of Trustees

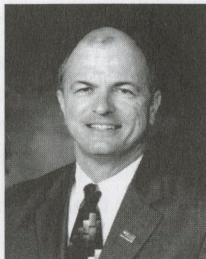
Angie Leidinger

ADMINISTRATIVE OFFICERS

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

HONORARY DEGREE

Ronnie L Booth
Doctorate of Humanities



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

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

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

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

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

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

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

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

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

J Bruce Rafert, Dean, Graduate School

COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

DOCTOR OF PHILOSOPHY

Animal and Veterinary Sciences

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

Applied Economics

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

Biochemistry and Molecular Biology

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

Biological Sciences

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

Entomology

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

Environmental Toxicology

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

Food Technology

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

Genetics

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

Microbiology

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

Plant and Environmental Sciences

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

COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

DOCTOR OF PHILOSOPHY

Planning, Design and the Built Environment

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

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

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

Rhetorics, Communication and Information Design

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

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

COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

DOCTOR OF PHILOSOPHY

Economics

Benjamin Hasty Compton Sumter, SC

B.A., Clemson University

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

Advisor: Dr. W Dougan

Liliana Danila Brasov, Romania

B.A., Babes Bolyai University; M.A., Clemson University

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

Advisor: Dr. P Wilson

Ovidiu Flavius Lasca Arad, Romania

B.S., Babes Bolyai University

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

Advisor: Dr. T Mroz

Management

Michael Richard Dinger Laurens, SC

B.S., Presbyterian College

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

Advisors: Dr. V Grover and Dr. J Thatcher

Stefan Tams Hanover, Germany

M.S., New Jersey Institute of Technology

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

Advisor: Dr. V Grover

James Tobin Turner Piedmont, SC

B.S., Presbyterian College

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

Advisor: Dr. V Sridharan

COLLEGE OF ENGINEERING AND SCIENCE

DOCTOR OF PHILOSOPHY

Chemical Engineering

Yu-Tung Tsai Taichung, Taiwan

B.S., M.S., National Taiwan University

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

Advisor: Dr. J G Goodwin, Jr.

Jack Z Zhang Virginia Beach, VA

B.S., Virginia Polytechnic Institute

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

Advisor: Dr. J G Goodwin, Jr.

Chemistry

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

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

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

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

Civil Engineering

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

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

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

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

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

Computer Engineering

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

Computer Science

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

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

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

Electrical Engineering

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

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

Environmental Engineering and Science

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

Industrial Engineering

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

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

Industrial Engineering (continued)

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

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

Materials Science and Engineering

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

Mathematical Sciences

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

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

Mechanical Engineering

Ali Issam Alahmer Clemson, SC
B.S., Mutah University; M.S., University of Jordan
Dissertation: Effect of Relative Humidity and Temperature Control on In-Cabin Thermal Comfort
State
Advisor: Dr. M Omar

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

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

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

Mechanical Engineering (continued)

- Brian Paul d'Entremont Aiken, SC
B.S., Clemson University
Dissertation: Investigation of Two-Phase Behavior in Capillary Evaporators with Liquid Core Visualization
Advisor: Dr. J Octerbeck
- Amir Gasmi Sidi-Bouzid, Tunisia
M.S., Tunisia Polytechnic
Dissertation: On the Modeling of Contact Problems for Curved and Straight Elastic Thin Continuum with Application to Non-Pneumatic Tires
Advisor: Dr. P Joseph
- Yaoyao Xu Jingmen, China
B.S., M.S., Huazhong University of Science and Technology
Dissertation: Modeling Of Strain Effect on Thermal and Electrical Transport Properties of Si/Ge Nanocomposites and Its Applications
Advisor: Dr. G Li
- Yan Zhao Beijng, China
B.S., University of Science and Technology Beijing;
M.S., Huazhong University of Science and Technology
Dissertation: Mixture Fraction Imaging Based On Photodissociation Spectroscopy and Two Photon Laser Induced Fluorescence
Advisor: Dr. L Ma
- Junjie Zhu Shashi, China
B.E., M.S., Huazhong University of Science and Technology
Dissertation: Electrokinetic Transport and Manipulation of Particles in Curved Microchannels
Advisor: Dr. X Xuan

Physics

- Ramakrishna Podila Clemson, SC
B.S.C., Sri Satya Sai Institute of Higher Learning;
M.S.C., Indian Institute of Technology at Roorkee
Dissertation: Effect of Surface States, Defects and Dopants on the Optical and Magnetic Properties of Low Dimensional Materials
Advisor: Dr. A Rao
- Tatsiana A Ratnikova Minsk, Belarus
B.S., Belarusian State University
Dissertation: Biological and Ecological Responses to Carbon-Based Nanomaterials
Advisor: Dr. P Ke

COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

DOCTOR OF EDUCATION

Career and Technology Education

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

DOCTOR OF PHILOSOPHY

Curriculum and Instruction

Elizabeth M Hughes.....Greer, SC

B.A., Boston College; M.Ed., Clemson University

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

Advisor: Dr. L Gambrell

Sarah Hunt-Barron Greenville, SC

B.A., Boston College; M.A., Furman University

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

Advisor: Dr. L Medford

Lisa Michelle Jones-Moore..... Simpsonville, SC

B.S., Louisiana State University; M.Ed., Tennessee State University

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

Advisor: Dr. V Gillis

Benjamin Clayton Sloop Orangeburg, SC

B.A, M.S., Clemson University; M.Ed., Georgia State University

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

Advisor: Dr. R Horton

Educational Leadership

Daniel T Bennett.....Montreat, NC

B.A., Biola University; M.A., Wheaton College

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

Advisor: Dr. R Marion

Parks, Recreation and Tourism Management

Brianna Soule Clark Honea Path, SC

B.S., M.A., University of Connecticut

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

Advisor: Dr. D Anderson

Patrick Joseph Holladay Bishopville, SC

B.S., Clemson University; M.S., Eastern Kentucky University

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

Advisor: Dr. R Powell

Yu-Chih Huang..... Changhua, Taiwan

B.A., M.A., Da Yeh University

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

Advisor: Dr. S Backman

GRADUATE SCHOOL

DOCTOR OF PHILOSOPHY

International Family and Community Studies

Gita Jaffe Toronto, Canada

B.A., Dalhousie University; M.A., Macquarie University

Dissertation: The Rights of Children Affected By Aids: A Policy Paper Focusing on the Right to Education

Advisor: Dr. R Kimbrough-Melton

Policy Studies

Lori A Dickes Topeka, KS

B.A., M.A., University of Central Florida

Dissertation: The Theory and Practice of Third Wave Regional Economic Development Strategies

Advisor: Dr. R Lamie

Casey Jonathan Frid Austin, MN

B.A., Winona State University; M.B.A., Clemson University

Dissertation: Does Money Matter? Investigating the Financing of Emerging Firms

Advisor: Dr. W Gartner

Kytsen L McNeil Lucea, Jamaica

B.S., University of Delaware

Dissertation: State Policy Change: Revenue Decoupling in the Electricity Market

Advisor: Dr. R Tollison

Patrick Tandoh-Offin Akim Swedru, Ghana

B.S., Kwame Nkrumah University; M.S., Pennsylvania State University

Dissertation: Substantive Representation of Women: The Case of Ghana's Domestic Violence Law of 2007

Advisor: Dr. K Robinson

CANDIDATES FOR THE EDUCATION SPECIALIST AND MASTER'S DEGREE

J Bruce Rafert, Dean, Graduate School

COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

MASTER OF AGRICULTURAL EDUCATION

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

MASTER OF FOREST RESOURCES

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

MASTER OF SCIENCE

Applied Economics and Statistics

Thomas Wesley Carter, Jr. Chester, SC
John Edward Hatcher, Jr. Edgefield, SC
Alexis Noelle Imler.....Greensburg, PA

Biological Sciences

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

Environmental Toxicology

Yangchun Li Shandong, China

Food, Nutrition and Culinary Sciences

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

Forest Resources

Samuel Norton Chambers Highlands, NC

Genetics

Sherri Lynn Hughes-Murphree Taylors, SC

Microbiology

Jing Li.....Clemson, SC

Packaging Science

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

Plant and Environmental Sciences

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

Wildlife and Fisheries Biology

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

COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

MASTER OF CITY AND REGIONAL PLANNING

Guang Miao Jiujiang, China

MASTER OF LANDSCAPE ARCHITECTURE

Leigh Lloyd Morgan.....Anderson, SC

MASTER OF ARTS

English

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

History

Justin Robert Dohoney.....Greenville, IN

Professional Communication

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

COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

MASTER OF BUSINESS ADMINISTRATION

Paul Clayton Adkerson Kosciusko, MS
Adam James Bruce Charlotte, NC
Kiersten D Carroll Greer, SC
Brandon James Coker.....Greenville, SC
Bret Stephen Dalton Greer, SC
Stephanie Monique Gaillard.....Hanahan, SC
Caroline Culp Huddleston.....Greenville, SC
Laurie Kay Jewell.....Simpsonville, SC

MASTER OF BUSINESS ADMINISTRATION (continued)

Stephen Layton	Greenville, SC
Kyle Alexander Lehr	Cincinnati, OH
Peter Jeffrey Luciano	Murray, KY
Rajalingam Vairaperumal Manickam Pillai.....	
.....	Simpsonville, SC
Wesley James Melvin.....	Winnsboro, SC
Tristan Meyer	Seneca, SC
Joshua Mitchell Ogulewicz	Greenville, SC
Ryan A Phillips	Camden, SC
Boone Sumners Pitts	Mooresville, NC
Mandy Lee Lehman Smith	Pendleton, SC
Justin Marcus Tetor.....	Pickens, SC
Jonathan Edward Weldon	Warwick, RI
Benjamin Arthur Worley.....	Alpharetta, GA

MASTER OF PROFESSIONAL ACCOUNTANCY

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

MASTER OF ARTS

Economics

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

MASTER OF SCIENCE

Applied Sociology

Christine Luanne Moore	Greenville, SC
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Graphic Communications

Whitney Ruth Fox	Irmo, SC
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Marketing

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

COLLEGE OF ENGINEERING AND SCIENCE

MASTER OF FINE ARTS

Digital Production Arts

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

MASTER OF SCIENCE

Automotive Engineering

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

Bioengineering

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

Biosystems Engineering

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

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

Chemistry

Evy B Colon-Garcia	Carolina, Puerto Rico
Carla Renee Garcia.....	Orange Park, FL
Jeffrey Eugene Lamb	Simpsonville, SC

Civil Engineering

Jacqualyn Leigh Blizzard	Baltimore, MD
Katie-Elizabeth Rosser Brown.....	Chapin, SC
Gregory Brendan Bunting.....	Central, SC
Andrew Thomas Covington	Durham, NC
Armando Flores	Tegucigalpa, Honduras
Thomas Martin Gaines.....	Columbia, SC
Sumant Suresh Kulkarni	Clemson, SC
Rohit Sham Kulthe.....	Nasik, India
Talat Naji Mansour	Jerusalem, Israel
Saurabh Arvind Prabhu	Clemson, SC
Ranjith Shivarudrappa	Bangalore, India
Matthew Scott Stanford.....	Greenville, SC
James E Wurst III.....	Anderson, SC

Computer Engineering

Ryan Michael Bontreger	Greenwood, SC
Jonathan Michael Dinger	Clemson, SC
Benjamin Tazewell Garrison.....	Lake Jackson, TX

Computer Science

Biswajit Mazumder	Durgapur, India
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Electrical Engineering

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

Environmental Engineering and Science

Kirk Matthew Ellison.....	Conway, SC
Ashley Salina Horton.....	Santee, SC
Laura Ann Simpkins.....	Woodruff, SC

Hydrogeology

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

Industrial Engineering

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

Materials Science and Engineering

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

Mathematical Sciences

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

Mechanical Engineering

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

Physics

Jeremy Patrick Capps	Florence, SC
Mehmet Karakaya	Konya, Turkey

COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

MASTER OF ARTS IN TEACHING

Middle Level Education

Patrick Dunn.....Summerville, SC

Secondary Education

David Bushfield Cattrell.....Spartanburg, SC
Meghan Noelle Fox-Potenza.....Greenville, SC
Maegan Adams HinsonLiberty, SC
Matthew David ManningSpartanburg, SC
Orlando MonteroGreenville, SC
Julie Frances Summey.....Sunset, SC
Bridgette Deleshia Yates Taylors, SC

MASTER OF HUMAN RESOURCE DEVELOPMENT

Dellareese Ginyard Belton.....Winnsboro, SC
Elizabeth Jane Brown.....Little Rock, AR
Elizabeth E BundyColumbia, SC
Kathryn Leigh Knight BurrissAnderson, SC
Maureen Ann Carney.....Charlotte, NC
Jonathan Lee ClaytonAnderson, SC
Kelly Murdaugh Collins.....Clemson, SC
Dwayne D Dyer.....Springfield, MA
Jason Taylor FeasterSimpsonville, SC
Kelley Elizabeth HarrisonTallahassee, FL
Tiffany Fowler Helms.....Columbia, SC
Christine Marie Hess.....Wellington, FL
John Russell Hughes.....Maryville, TN
Stuart Reid JohnsonAnderson, SC
Elizabeth S LutherYorktown, VA
Andrew James Markham.....Greenville, SC
Joshua Shane Miller.....Liberty, SC
Laneika K Mattress Musalini.....Anderson, SC
Michael Ryan Nelson.....Wheelersburg, OH
Jennifer Pierce-TurmanGreenwood, SC
Roger Loyd Prewett.....Rock Hill, SC
Jennifer Dianne RayBoiling Springs, SC
Michele D RothFort Mill, SC
Faye Loretta Smith.....Spartanburg, SC
Dana Marie ValleyNew Albany, OH
Paula Ann Williams.....Gainesville, GA

MASTER OF PARKS, RECREATION AND TOURISM MANAGEMENT

Mattie Ray PlayneWest Palm Beach, FL

MASTER OF EDUCATION

Administration and Supervision

Jana Black BirkenstockFountain Inn, SC
Abigail Rhoads Cook.....Simpsonville, SC
Thomas Greg Cooke.....Travelers Rest, SC
Mark A JosephMauldin, SC

Administration and Supervision (continued)

Shawntel M McCammonAnderson, SC
Jeremy Randall Murphy Greenville, SC
Jacob Spencer SheltonWaynesville, NC
Bradley David WingateChester, SC
David Gregory YoungTravelers Rest, SC

Counselor Education

Kiersten D CarrollGreer, SC
Paul Douglas Gordon, Jr.....Seneca, SC
Martha Alison GrahamMarion, SC
Deborah Rochelle Keller Greenville, SC
Jamie Reince Koepke Simpsonville, SC
James Patrick LovelessChapin, SC
Leigh Terrell ManuelBlack Mountain, NC
Gary L StancilAtlanta, GA
Mary Virginia Hunter TynanAugusta, GA
Edwina K WickerCentral, SC
Ashley Denae YoungMaysville, NC

Early Childhood Education

Leigh Russell LaskisLittle Silver, NJ

Reading

Jessica Robin BaileyAnderson, SC
Alison Smith BibbWestminster, SC
Andrea Michelle BowenAnderson, SC
Karen B BroomeWest Union, SC
Ramey Melissa CampbellAbbeville, SC
Elizabeth Stein CartlidgeAnderson, SC
Dana Vermillion CokerAnderson, SC
Jennifer Woodward CrawfordWalhalla, SC
Carol Bailes GarlandWest Union, SC
Erin Morgan Brooks GarlandWalhalla, SC
Mary Owens GilstrapEasley, SC
Patricia L GrantWalhalla, SC
Lauren Catherine HolzshuAnderson, SC
Tiffany LaShea HurtClemson, SC
Hope Wheeler KingPendleton, SC
Rebecca Burrell KingWalhalla, SC
Candace Anjanette MaddoxAnderson, SC
Margaret Moore McHughGreenwood, SC
Shelia Fowler McWhorterWest Union, SC
Paige C MitchellClemson, SC
Christine Elizabeth MooreColumbia, MO
Carol Franklyn MoorheadAnderson, SC
Melanie Sparks MyersSeneca, SC
Lori Ann Harvey NicholsonSeneca, SC
Amy Havird PattersonDue West, SC
Lauren DuPre PhillipsSeneca, SC
Katherine Nicole ReidAnderson, SC
Kimberly Williams RobsonEasley, SC
Marie Lenora RostromWest Union, SC
Fredda Carol Manley ShawSeneca, SC
Susan Mae Bright SmithSeneca, SC
Ashley Elaine WeltonClemson, SC
Melissa Ann WillisAnderson, SC
Barbara WittrockSeneca, SC

Secondary Education

Melissa R Collum De Pere, WI
Ibrahim Halil Yeter Central, SC

Special Education

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

MASTER OF SCIENCE

Parks, Recreation and Tourism Management

Michael Thomas Felak Seneca, SC
Cindy Leigh Hartman Muenster, TX

Youth Development Leadership

Scott Crothers Hartsville, SC
Ebony Nicole Durrah Greer, SC
Adam M Gordon Clemson, SC
Rebekah Lynn Schafer Greer, SC
Kelly Sharie Shaw Loris, SC

GRADUATE SCHOOL

MASTER OF PUBLIC ADMINISTRATION

Shanley Shawann Beckett Pineland, SC
Rebecca Allen Grudzien Boiling Springs, SC
Joe C Marett III Greenville, SC

CANDIDATES FOR THE BACHELOR'S DEGREE

COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

Thomas R Scott, Dean

BACHELOR OF ARTS

Biological Sciences

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

BACHELOR OF SCIENCE

Agricultural Education

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

Agricultural Mechanization and Business

John Dylan Epting	Chapin, SC
Robert Caleb Geiger.....	Westminster, SC
Logan Morris Hewitt	Mt Pleasant, SC
Baxley Lee McIntyre.....	Hamer, SC

Animal and Veterinary Sciences

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

Applied Economics and Statistics

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

Biological Sciences

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

Food Science

Anna Pauline Saunders Atlanta, GA

Forest Resource Management

*Steven A Ham	Goose Creek, SC
Richard Russell McCutchen.....	Bishopville, SC
Jacob Thomas Schimpf.....	Charleston, SC
James McLeod Short III.....	Lancaster, SC

Horticulture

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

Microbiology

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

Packaging Science

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

Pre-Professional Studies

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

Turfgrass

Travis Houston Durham..... Greer, SC

Wildlife and Fisheries Biology

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

COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

Richard E Goodstein, Dean

BACHELOR OF FINE ARTS

Paige Chandler Glenn Greer, SC

BACHELOR OF ARTS

Architecture

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

Communication Studies

Katherine Elaine Buechler Greenville, SC
Julie Prather Gilstrap Greenville, SC
***Lee Anne Goforth Greenville, SC
Stephanie Victoria Grider Rock Hill, SC
Michael Stewart Horton Aiken, SC
***Hillary Fairchild Porter Greenville, SC

English

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

History

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

Language and International Trade

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

Modern Languages

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

Philosophy

Taylor Andrew Morison Holly Springs, NC

Production Studies in Performing Arts

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

DOUBLE MAJOR

English and Spanish

Michael Cassidy FitzMaurice Lexington, SC

BACHELOR OF SCIENCE

Construction Science and Management

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

Language and International Health

Lauren Elizabeth Barnett Greenville, SC

COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

Claude C Lilly, Dean

BACHELOR OF ARTS

Economics

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

Political Science

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

Psychology

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

Sociology

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

BACHELOR OF SCIENCE

Accounting

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

Economics

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

Financial Management

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

Graphic Communications

Kristen Michelle Myers	Columbia, SC
Industrial Management	
Brennen Lee Owens	Summerville, SC
Management	
***Dustin Cruz Atkins	Easley, SC
Asheton Grey Atyeo.....	Central, SC
Taylor Jackson Baumgartner	Easley, SC
Matthew Christian Bedenbaugh	Lexington, SC
Brandi Nicole Binion	College Park, GA
Matthew Lee Blackmon	Pickens, SC
Matthew Ryan Carter	Easley, SC
*William Garrett Chapman.....	Anderson, SC
Christen Marie Clinkscales	Greenville, SC
Christopher Lee Collins	Orangeburg, SC
Aaron M Crutchfield	Bluffton, SC
Alex Ali Darroudi	Clemson, SC
Jacob Bradley Davis.....	North Augusta, SC
Terence Davis.....	Summerville, SC
David Keith Douglas.....	Taylors, SC
Chad Alan DuBard.....	Rock Hill, SC
*Norwood David DuRant, Jr.	Murrells Inlet, SC
John Lawrence Easterling IV	Spartanburg, SC
David Wayne Elkin	Chapin, SC
Emma Elizabeth Ellis	Prosperity, SC
John David Gabriel.....	Charleston, SC
Aaron Thomas Garcia	Aiken, SC
Tyler Kevin Gleaton.....	Barnwell, SC
David Francis Gordon, Jr.	Macungie, PA
Jordan Asher Gottschall	Greer, SC
Matthew Ryan Grandy.....	Greenville, SC
Jacobus Havenga	Pawleys Island, SC
Christine Laura Hehmann	Greenville, SC
Matthew Byrnes Hyman	Darlington, SC
Travis Lee Jones	Greer, SC
Robert James Kruer III	Atlanta, GA
Demetrius O'Neal Lee	Charleston, SC
George Stephen Manley	Easley, SC
Jamie E M Martin	Beaufort, SC
Joseph Yopp McElveen IV	Mauldin, SC
Joseph Wilson McKain.....	Greenville, SC
Ashley Nicole Migioia	Summerville, SC
Lauren Rebecca Moore	Pickens, SC
Troy David Morris	Frostburg, MD
Stephanie Michele Nobles	Bluffton, SC
Christe Danielle Outen	McBee, SC
Hampton Nicholas Palombo	Baton Rouge, LA
Meghan Lord Patrick	Charlotte, NC
Stephen Gordon Perry, Jr.	Columbia, SC
Larry P Pitts, Jr.	Henrico, VA
Kerrace Jamal Pressley	Hemingway, SC
Robert Michael Rispoli, Jr.	Rye, NY
Brett Jonathan Rizzo	Marstons Mills, MA
Leslie Denise Robbins	Laurens, SC
Douglas Anthony Serieno II.....	Simpsonville, SC
Michael Joseph Speer.....	Mt Pleasant, SC

Management (continued)

*Ryan Michael Sullivan.....	Owings Mills, MD
Christina Joy Sweeten	Blythewood, SC
Robert McMillan Todd.....	Greenville, SC
Jacob Landon Walker	North Wilkesboro, NC
William Daniel Webber.....	Anderson, SC
Sarah Ashley Whitaker	Greenville, SC
Maggie Lynn Williamson.....	Dillon, SC

Marketing

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

Political Science

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

Psychology

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

Sociology

Gillian Kay Fleck.....	Greer, SC
Corey Arnold Green	North Myrtle Beach, SC
Matt L Hannon.....	Greer, SC
Michael Dwayne Edward Irby.....	Clinton, SC
Aimee Jill Punkosdy.....	Anderson, SC

COLLEGE OF ENGINEERING AND SCIENCE

Esin Gulari, Dean

BACHELOR OF ARTS

Mathematical Sciences

Meredith Leigh Meredith	Dallas, TX
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BACHELOR OF SCIENCE

Bioengineering

*Nolan Miller Horral	Lexington, KY
Timothy Ervin Laird	Greenville, SC

Biosystems Engineering

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

Robert Frederick King	Central, SC
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Ceramic and Materials Engineering

Michelle Valencia Buckley	St Petersburg, FL
Jason Gary Dunnagan	Lexington, SC
Ashley Christina Sachs	Cooper City, FL
Scott Kenneth Winston	Greer, SC

Chemical Engineering

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

Chemistry

Daniel George Funer	Taylors, SC
---------------------------	-------------

Civil Engineering

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

Computer Engineering

Damien Lamont Cameron	Newport News, VA
Kevin Arnold Coley, Jr.....	Aiken, SC
John Lowell Ellison, Jr.....	Prosperity, SC
Jeffrey Allen Heider	Aiken, SC
Ankit Malik.....	Delhi, India
*Matthew A Norris	Moore, SC
*Karan Sapra.....	Gurgoan, India
Cara Levette Singletary.....	Lake City, SC
Taruna Sohal.....	Chandigarh, India
*Andrew Clement Van Hise	Hilton Head Island, SC

Computer Science

Kumar Nishat.....	Jamshedpur, India
Russell Thomas Walker	Aiken, SC

Electrical Engineering

William Fletcher Rawls, Jr.	Hartsville, SC
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Geology

Duncan Rudd Olsen.....	McLean, VA
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Industrial Engineering

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

Mathematical Sciences

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

Mechanical Engineering

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

Physics

John S Scott, Jr.	Bishopville, SC
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COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

Lawrence R Allen, Dean

BACHELOR OF ARTS

Early Childhood Education

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

Elementary Education

Mary Holly Rushton	Greer, SC
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Secondary Education

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

Special Education

Daniel Ramey Capps	Westminster, SC
Sara Elizabeth Gladden	Mt Pleasant, SC

BACHELOR OF SCIENCE

Health Science

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

Nursing

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

Nursing (continued)

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

Parks, Recreation and Tourism Management

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

Secondary Education

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

***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

BOARD OF VISITORS GRADUATE RESEARCHER AWARD

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

Recipients of the Board of Visitors Graduate Researcher Award for 2011

Paul Lawrence Goethals, Jr.

Hem Chandra Joshi

Jenna Lori Scisco

BOARD OF VISITORS GRADUATE TEACHING ASSISTANT AWARD

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

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

Projesh Prasad Ghosh

Nishant Gupta

Catherine Mary Trentacoste

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.

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

- U.S. News & World Report ranks Clemson No. 23 among the nation's top 164 public universities, No. 9 Up-and-Coming national university and No. 12 for its commitment to undergraduate teaching.
- A 2010 study by BusinessWeek/Bloomberg News ranked Clemson as South Carolina's best return-on-investment for undergraduate students — a ranking based on a combination of graduation rates, tuition and lifetime earnings.
- The University currently has eight National Science Foundation Graduate Research Fellows and nine Honorable Mentions; two Goldwater Scholars and one Honorable Mention; one National Defense Science and Engineering Graduate Fellowship.
- According to a Clemson survey, 25 percent of this year's new graduates had jobs before leaving Clemson — a hiring rate that's twice the national average. Another 28 percent planned to attend graduate school.
- The growth of Clemson's research program is reflected in faculty productivity. In FY 2010, research expenditures totaled \$87,481,000. This includes an increase of 13 percent in federal and 30 percent in corporate funding expenditures respectively over the previous year.
- Clemson was the only South Carolina university included on PARADE magazine's "A-List of Schools and Colleges" in the "large state university" category, a ranking based on a national survey of high school guidance counselors.
- Clemson University is a 2011 Laureate in the Computerworld Honors Program, an award that recognizes organizations and individuals who use information technology for social, economic and educational advances.
- On the annual National Survey of Student Engagement given to freshmen and seniors, Clemson continues to outscore its peers in nearly every benchmark comparison.
- Creative Inquiry, a unique 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."
- Thirty-eight Clemson faculty have been awarded National Science Foundation CAREER Awards, recognizing young faculty members who are excellent researchers and teachers, and 22 have been named Fulbright Scholars.
- Through the state's Endowed Chairs Program, Clemson has recruited five internationally recognized scholars to lead key research areas to stimulate South Carolina's economy and create high-tech jobs.
- For the fourth year in a row, Clemson has been named to the President's Higher Education Community Service Honor Roll, the highest federal recognition a college or university can receive for its commitment to volunteering, service-learning and civic engagement. Clemson students contribute more than 126,000 community service hours each year.
- The National Research Council ranks 15 Clemson doctoral programs in the top 50 among public universities.

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

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.

- 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, Air Rifle and more.
- Clemson alumni rank No. 3 in the nation in alumni support to public universities as measured by alumni giving, according to *U.S. News & World Report*.
- Sixty Clemson faculty members have been elected Fellows of national or international academic societies since 2000.
- For the third consecutive year, Clemson has received national recognition for its commitment to diversity and inclusion from Minority Access Inc.
- With more than \$233 million in investments, the Clemson University International Center for Automotive Research (CU-ICAR) represents the ultimate public/private partnership where academia, industry and government organizations collaborate to build a knowledge base, create jobs, improve auto safety and add to the economy.
- The University and Greenwood Genetic Center are partners in an effort to find causes and cures for birth disorders and susceptibility to premature birth, hypertension, obesity and diabetes.
- Clemson faculty and students are working with Greenville Hospital System (GHS) clinicians to improve patient care and boost economic development through the state's GHS Innovative Biomedicine and Bioengineering Research and Training Program.
- The Restoration Institute has received a \$45 million U.S. Department of Energy grant, combined with \$53 million of matching funds, to build and operate a wind turbine drivetrain test facility that will move Clemson and South Carolina into the forefront of developing an offshore wind industry.
- The University has 18 partners — private tech-based companies — that have licensed Clemson University intellectual property or are located in University-based facilities.
- Since 2000, Clemson research has generated 830 jobs (not counting Clemson employees), 11 spinoff companies, 87 active patents with 37 licenses generating \$2.8 million a year and \$1.25 billion in research awards.
- Clemson's Institute on Family and Neighborhood Life is home to one of the country's leading anti-bullying experts and a program endorsed by the American Academy of Pediatrics.
- Clemson's Youth Learning Institute reaches more than 26,000 young people annually in more than 80 programs ranging from two-week residential programs to one-day school training. Programs are designed for honor students, special needs youth, foster children and many more.
- Clemson is one of the country's most environmentally responsible colleges, according to *The Princeton Review's "Guide to 286 Green Colleges"* (2010).
- *DesignIntelligence* magazine named Clemson President James F. Barker one of the Most Admired Educators of 2011, and it ranks Clemson's graduate program in architecture one of the nation's top 20.
- Clemson's engineering program ranks No. 17 in a *Wall Street Journal* 2010 poll of recruiters at 500 large companies.
- Clemson ranks No. 1 in "town-gown relations," No. 1 among "jock schools," No. 5 with the "happiest students" and No. 5 where "everyone plays intramural sports," according to *The Princeton Review's "Best 371 Colleges."*

CLEMSON[®]
UNIVERSITY