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

THURSDAY, DECEMBER 22, 2011
11:00 A.M.
LITTLEJOHN COLISEUM

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

POSTING OF COLORS
Pershing Rifles
Jonathan Headley  Richard Moore
Marjorie Lutz     Katherine Strathman
David McAlpine

INVOCATION
Danyelle Sharmaine Davis, 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
John Yancey McGill

CONFERRING OF DEGREES AND DELIVERY OF DIPLOMAS
President James F Barker

RECOGNITION AND PRESENTATION OF AWARDS
Class of ’39 Award for Excellence
Faculty Scholarship Award

Ms. Susan Cumbie, Organist/Soloist
Clemson University SINGERS
Dr. Robert P Green, Jr., University Marshal
**CEREMONIAL MUSIC**

**Prelude**

Clemson University SINGERS

*At the Round Earth’s Imagined Corners* — Williametta Spencer

*There Will Be Rest* — Frank Tichelli

*O Magnum Mysterium* — Morten Lauridsen

**Processional**

Various Marches and Processionals

Ms. Susan Cumbie, Organist

**National Anthem**

Words by Francis Scott Key

Music attributed to John Stafford Smith

Ms. Susan Cumbie, Soloist

**Musical Interludes**

Canon in $D$ — J. Pachelbel

Ms. Susan Cumbie, Organist

*Veni, veni Emmanuel* — arranged by Aaron Lundy

Clemson University SINGERS

**Closing**

*Clemson University Alma Mater*

Words by A C Corcoran, Class of ’19

Music by Robert E Farmer, Class of ’49

and Hugh H McGarity

Arranged by David A Conley, Class of ’92

Clemson University SINGERS

**Recessional**

Hornpipe from the D Major Suite

*Water Music* — G F Handel

Ms. Susan Cumbie, Organist

**Clemson University SINGERS**

Dr. Justin W Durham, Conductor

Chelsia Atkins

Hanna Aucoin

Alex Austin

Andrew Avent

Alex Baldwin

Molly Blackburn

Chris Covey

Kat Clark

Lauren Cook

Reid Cruse

Ethan Darnell

Elizabeth Devitt

Erika Dodgins

Samantha Fassett

Austin Finley

Kaylee Gonzalez

Katie Gray

Adriane Hale

James Haley

Jordan Harriz

Nathan Heavner

Lauren Hock

Courtney Jackson

James Jernigan

Marlon Johnson

Robert Jones

Daniel Kirwan

Beth Anne Lamar

Joy Laster

Grace Lewallen

Thomas Looper

Katherine Matthews

Jessica Merino

Laura Morton

Emily Murphy

Carly Oliver

Rhett Park

Whitney Rhoad

Kitty Rice

Alex Rogers

Andy Runnion

Brittany Sedziol

Caleb Senn

Racquel Shackleford

Emily Smith

John Stiffey

Caleb Suggs

Janie Thomas

Mary Scott Valentine

Emmy Watt

Kelli Wessinger

James Williams

Lydia Wright

William Yowell

**BOARD OF TRUSTEES**

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Robert L Peeler, Vice Chairman .. Lexington

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

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

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
Senator John Yancey McGill committed to a course of public service 35 years ago that would take him from the local town council to South Carolina's Senate, where he has served since 1989.

Dedicated and sensitive to serving all people in the District 32 counties of Florence, Georgetown, Horry and Williamsburg, Senator McGill has worked to lower taxes, increase jobs, build and improve roads, ensure quality education and quality health care, and preserve our natural resources. His current Senate committee assignments include Agriculture and Natural Resources; Ethics; Finance; Fish, Game and Forestry; Invitations; and Transportation. He also serves on the Executive Committee of Senate Finance and as chairman of the Finance Subcommittee on Natural Resources.

Working to improve the quality of life for the citizens of the state is a hallmark of Senator McGill's life. He is presently chairman of the North Eastern Strategic Alliance (NESA), a regional economic development organization that serves a nine-county region in the northeast corner of South Carolina. NESA's primary objective is to enhance the quality of life for residents of the region by creating additional jobs and capital investment within the existing industry base, recruiting new companies and expanding tourism-related development.

He also serves on the board of directors of the Waccamaw Regional Planning and Development Council, and is a past chairman of the council's board of directors and its Industrial Revolving Loan Committee. The agency serves county governments, municipalities and citizens of Georgetown, Horry and Williamsburg counties, offering a wide variety of planning, economic development and social services to aid in the orderly growth and development of the area.

Over the years, numerous groups have recognized Senator McGill for his dedicated service to our state. Five associations and organizations have named him Legislator of the Year and three as Senator of the Year. Other awards include the S.C. Association of Counties Distinguished Service Award, Clemson PSA Service Award, S.C. Advocate for Agriculture Award, Primary Health Care Association Legislative Award and S.C. Counseling Association Legislative Award.

Senator McGill's commitment to higher education in South Carolina extends to all of the state's colleges and universities. In particular, his support of Clemson's public service and agriculture mission has enabled the University to better serve the citizens of our state.

Having attended both The Citadel and Francis Marion College, Senator McGill has been the recipient of honorary degrees from those institutions as well as Coastal Carolina University and the Medical University of South Carolina, for which he has served on the board of visitors.

When not attending to his duties in the Senate, he is a real estate broker and residential homebuilder in his hometown of Kingstree where he got his first taste of politics as a member of the Kingstree Town Council and later as mayor pro tempore and as mayor.

Clemson University holds Senator McGill's achievements and service to the people of South Carolina in the highest regard. It is a great privilege to present today the honorary degree, Doctorate of Humanities, to Senator John Yancey McGill.
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

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

COLLEGE OF AGRICULTURE, FORESTRY AND LIFE SCIENCES

DOCTOR OF PHILOSOPHY

Animal and Veterinary Sciences

Taber Ashley Burns .......................................................................................... Marietta, GA
B.S., Kansas State University; M.S., University of Georgia
Dissertation: Fatty Acids and Lipogenesis in Ruminant Adipocytes
Advisor: Dr. S Duckett

Biochemistry and Molecular Biology

Deepti Sharma ....................................................................................................... Lucknow, India
B.S., Chaudhary Charan Singh University; M.S., Jawaharlal Nehru Technical University
Dissertation: Characterization of Extrinsic and Intrinsic Factors Governing the Activity of the Two Human Recombinases, Dmc1 and Rad51
Advisor: Dr. M Sehorn

Environmental Toxicology

Joseph Hopkin Bisesi, Jr .................................................................................. Glen Burnie, MD
B.S., M.S., Clemson University
Dissertation: Impacts of Psychotropic Pharmaceuticals on Hybrid Striped Bass: Altered Predation Behavior as a Function of Changes in Brain Chemistry
Advisor: Dr. S Klaine

Aaron James Edgington ................................................................................. Forks, WA
B.S., Western Washington University
Dissertation: Toxicity of Carbon Nanotubes to Daphnia Magna
Advisor: Dr. S Klaine

Gia-Ming Hong ................................................................................................. Chunghua, Taiwan
B.S., M.S., Feng Chia University
Dissertation: Arsenic Represses Myogenesis and Neurogenesis through Epigenetic Mechanisms, Repressed Transcription Factors, and Altered Wnt Signaling Pathway
Advisor: Dr. L Bain

Brandon Casey Seda ...................................................................................... Carrollton, GA
B.S., Kennesaw State University
Dissertation: The Uptake and Effects of Three Distinct Nanoparticles to Daphnia Magna and Danio Rerio
Advisor: Dr. S Klaine

Forest Resources

Jamie Allen Duberstein .................................................................................. Harshaw, WI
B.S., University of Wisconsin; M.S., University of Florida
Dissertation: Composition and Ecophysiological Proficiency of Tidal Freshwater Forested Wetlands: Investigating Basin, Landscape and Microtopographic Scales
Advisor: Dr. W Conner
Forest Resources (continued)

Hui-feng Hu ................................................................. Shanxi, China
B.S., Peking University; M.S., Chinese Academy of Sciences
Dissertation: Restoring Longleaf Pine (Pinus Palustris) and Understory Vegetation within Loblolly Pine (P. Taeda) Forests on North Carolina
Advisor: Dr. G Wang

Genetics

Man Zhou ............................................................................ Central, SC
B.S., China Agricultural University
Dissertation: Genetic Engineering of Turfgrass with Enhanced Stress Tolerance and Development of Turfgrass as Bioreactors
Advisor: Dr. H Luo

Microbiology

Marion Warren Shepherd, Jr................................................. Beaufort, SC
B.S., M.S., Clemson University
Dissertation: Optimization of the Composting Process to Inactivate Pathogens in Minimally Maintained Dairy Manure-Based Compost Heaps
Advisor: Dr. X Jiang

Randhir Singh................................................................. Kurukshetra, India
B.S., M.S., Chaudhary Charan Singh Haryana Agricultural University
Dissertation: Thermal Inactivation of Stress-Adapted Pathogens during Composting
Advisor: Dr. X Jiang

Lining Zhu ......................................................................... Changsha, China
B.E., Xiangtan University
Dissertation: An Il-12/Shh-C Domain Fusion Protein Based Il-12 Autocrine Loop for Sustained Nk Cell Activation
Advisor: Dr. X Yu

Plant and Environmental Sciences

Brian Keith Ward ............................................................ Goose Creek, SC
B.S., Auburn University
Dissertation: Development of Novel Organic Nitrogen Nutrient Solutions with Unique Bioreactors for Precision Nutrient Fertigation
Advisor: Dr. R Dufault

Wildlife and Fisheries Biology

Stephen Gregory Jones .................................................. Greenwood, SC
B.S., Wofford University; M.S., Clemson University
Dissertation: Spatio-Temporal Modeling of Arthropod-Borne Zoonotic Diseases: A Proposed Methodology to Enhance Macro-Scale Analyses
Advisor: Dr. W Conner
COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

DOCTOR OF PHILOSOPHY

Rhetorics, Communication and Information Design

Dev Kumar Bose ................................................................. Rancho Palos Verdes, CA
B.A., M.A., California State University
Communication Crossroads: Assertiveness Pedagogy for College Writers with Attention-Deficit/ Hyperactivity Disorder
Advisor: Dr. B Denham

Xiaoli Li ................................................................. Xian, China
M.A., Bowling Green State University
Advisor: Dr. S Williams

COLLEGE OF BUSINESS AND BEHAVIORAL SCIENCE

DOCTOR OF PHILOSOPHY

Economics

Sherry Meador Jensen ................................................................. Herndon, KY
B.S., Centre College of Kentucky
Dissertation: An Examination of Treatment Effects with a Focus on State Merit Aid Programs
Advisor: Dr. T Mroz

Liudmila Leonidovna Kashcheeva ............................................................. Chelyabinsk, Russia
B.A., South Ural State University
Dissertation: The Role of Intellectual Property Rights in the Relation between Foreign Direct Investment and Growth
Advisor: Dr. K Tsui

Management

Uzay Damali ................................................................. Ankara, Turkey
B.S., Middle East Technical University; M.S., Clemson University
Dissertation: Essays on Customer Training and Education in Service Design
Advisors: Dr. L Fredendall and Dr. J Miller

Jennifer Elizabeth Gerow ................................................................. Greer, SC
B.S., M.B.A., Clemson University
Dissertation: IT-Business Strategic Alignment: Essays Examining Types of Alignment and their Relationship with Firm Performance
Advisors: Dr. V Grover and Dr. J Thatcher
Sandra Beth Deitch ................................................................. Gettysburg, PA
B.S., Bucknell University; M.S., Clemson University
Dissertation: Characterizing Mechanical Heterogeneity in Cardiovascular Cells
Advisor: Dr. D Dean

Randolph Edward Hutchison ................................................ Greenville, SC
B.S., Virginia Polytechnic Institute; M.S., Clemson University
Dissertation: Assessment of Knowledge Transfer in the Context of Biomechanics
Advisor: Dr. L Benson

Zhen Ma ............................................................................ Tianjin, China
B.S., M.S., Tianjin University
Dissertation: Electrical Coupling between Micropatterned Cardiomyocytes and Stem Cells
Advisor: Dr. Z Gao

Jeremy John Mercuri .......................................................... Avon, CT
B.S., Drexel University; M.S., Clemson University
Dissertation: The Development and Characterization of Novel Biomaterials for Regenerating the Human Intervertebral Disc
Advisor: Dr. D Simionescu

Nadeem Ahmad Vellore ..................................................... Chennai, India
B.T., Bharathidasan University
Dissertation: Interfacial Force Field Parameterization Using the Dual Force Field Charmm Program for the Accurate Simulation of Peptide-Surface Interaction
Advisor: Dr. R Latour

Rui Wang ........................................................................... Tianmen, China
B.E., Northwestern Polytechnical University; M.S., Tsinghua University
Dissertation: Development of Fourier Domain Optical Coherence Tomography
Advisor: Dr. Z Gao

Bradley Huegh Winn ........................................................... Simpsonville, SC
B.S., M.S., Clemson University
Dissertation: Dynamic In Vitro Modeling of a Stented Blood Vessel to Evaluate Smooth Muscle Cell Response to Stent Material Selection and Surface Coating
Advisor: Dr. M LaBerge

Scott Tyler Wood ............................................................... Madras, OR
B.S., Texas Technical University; M.S., Clemson University
Dissertation: Computational Approaches to Understand Phenotypic Structure and Constitutive Mechanics Relationships of Single Cells
Advisor: Dr. D Dean
Biosystems Engineering

Yen-Hui Chen .................................................................................................................. Taipei, Taiwan
B.S., National Ilan University; M.S., Clemson University
Dissertation: Microalgae Chlorella Protothecoides Fermentation and Supercritical Carbon Dioxide Processing for Biofuel Production
Advisor: Dr. T Walker

Chemical Engineering

Sourabh Uday Kulkarni ........................................................................................... Maharashtra, India
B.E., University of Mumbai
Dissertation: Quantitative Analysis and Structural Characterization of Carbonaceous Pitches
Advisor: Dr. M Thies

Ha Hai Nguyen ........................................................................................................... Ho Chi Minh City, Vietnam
B.E., M.S., Ho Chi Minh City University of Technology
Dissertation: Modeling and Synthesis of Functionalized meta-Poly (Phenylene Ethynylene) Helical Structures
Advisor: Dr. D Bruce

Halil Levent Tekinalp ........................................................................................ Antalya, Turkey
B.S., Middle East Technical University
Dissertation: Pitch-Based Activated Carbon Fibers: The Effect of Precursor Composition on Pore Structure
Advisor: Dr. M Thies

Chemistry

Jennifer L Grimland ........................................................................................................ Lake Mary, FL
B.S., University of Central Florida
Dissertation: Single Particle and Ensemble Spectroscopy of Conjugated Polymer Nanoparticles and their Development for Photodynamic Therapy
Advisor: Dr. J McNeill

Sunil Kumar ................................................................................................................. Clemson, SC
M.S., Indian Institute of Technology
Dissertation: Targeting DNA and RNA Using Dimeric Aminoglycoside Conjugates
Advisor: Dr. D Arya

Jung Min Oh .................................................................................................................. Seoul, Korea
B.S., M.S., East Tennessee State University
Dissertation: Electrolyte Incorporation into Composite Electrodes for Proton- Exchange Membrane Fuel Cells and Lithium- Ion Batteries
Advisor: Dr. S Creager

Nihar Ranjan ................................................................................................................ Bihar, India
B.S., University of Delhi
Advisor: Dr. D Arya

Hsiao Chuan Wang .................................................................................................... Taichung, Taiwan
B.S., M.S., Tunghai University
Dissertation: DNA Damage Prevention by Polyphenol Antioxidants: Comparing Reactive Oxygen Species Scavenging and Metal Binding Mechanisms In Vitro and in E. Coli
Advisor: Dr. J Brumaghim
Chemistry (continued)

Yueli Zheng .......................................................... Xiajin, China
B.S., Qufu Norman University; M.S., University of Science and Technology
Dissertation: Modification and Characterization of Fluorescent Conjugated Polymer Nanoparticles for Single Molecule Detection
Advisor: Dr. J McNeill

Civil Engineering

Mijanur Rahaman Chowdhury ........................................ Chittagong, Bangladesh
B.S., Bangladesh University of English and Technology; M.S., Kwangju University
Dissertation: Fluid Mud Underflows in Coastal Dredge Disposal
Advisor: Dr. F Testik

Sara Familian .......................................................... Tehran, Iran
B.S., University of Science and Technology of Iran; M.S., Islamic Azad University
Dissertation: Analyzing of Tort Claims and Lawsuits against SCDOT through Hierarchical Tree Based Regression (Htbr) Method
Advisor: Dr. J Ogle

Zhe Luo .......................................................... Liaoning, China
B.E., M.S., Tonji University; M.S., Clemson University
Dissertation: Probabilistic Approaches to Stability and Deformation Problems in Braced Excavation
Advisor: Dr. C Juang

William Rogers .......................................................... Summerville, SC
B.S., M.S., Clemson University
Dissertation: Influence of Warm Mix Modifiers upon High Rap Asphalt Mixes
Advisor: Dr. B Putman

Computer Engineering

Mohammad Ashraf Uddin Bhuiyan ................................... Clemson, SC
B.S., M.S., Bangladesh University of Engineering and Technology
Dissertation: Performance Analysis and Fitness of GPGPU and Multicore Architectures for Scientific Applications
Advisor: Dr. M Smith

Kenneth Lee Rice ...................................................... Clinton, SC
B.S., M.S., Clemson University
Dissertation: Accelerating Pattern Recognition Algorithms on Parallel Computing Architectures
Advisor: Dr. J Gowdy

Computer Science

Edward Baker Duffy III ............................................. Pendleton, SC
B.S., Clemson University
Dissertation: The Design and Implementation of an Abstract Semantic Graph for Statement-Level Dynamic Analysis of C++ Applications
Advisor: Dr. B Malloy

Heather Keown Harton .............................................. Liberty, SC
B.S., Appalachian State University
Dissertation: Mechanical and Modular Verification Condition Generation for Object Based Software
Advisor: Dr. M Sitaraman
Environmental Engineering and Science

Peng Luo ......................................................................................................................... Jiangsu, China
B.S., Xuzhou Normal University; M.S., Chinese Academy of Science
Dissertation: Time-Interval Analysis for Radiation Monitoring
Advisor: Dr. T Devol

Materials Science and Engineering

Tiffany Lindstrom James .................................................................................................... Clemson, SC
B.S., University of Arizona; M.S., Clemson University
Dissertation: Spectral Engineering of Optical Fiber through Active Nanoparticle Doping
Advisor: Dr. J Ballato

Cody Jonathan Reynolds .................................................................................................... Clemson, SC
B.A., Whitman College
Dissertation: Antimicrobial-Delivering Poly(ethylene terephthalate) and Poly(lactic acid) Bi-Component Fibers for use in Prenatal Cervical Cerclages
Advisor: Dr. P Brown

Vijoya Sa ............................................................................................................................... Eagan, MN
B.Tech., University of Calcutta; M.Tech., Indian Institute of Technology Delhi
Dissertation: Highly Conductive Carbon Nanotube Fibers for Biomedical Applications
Advisor: Dr. K Kornev

Mathematical Sciences

Justin Daniel Peachey........................................................................................................... Central, SC
B.S., Grove City College; M.S., Clemson University
Dissertation: Bases and Applications of Riemann-Roch Spaces
Advisor: Dr. G Matthews

Mahmoud Rezaei .................................................................................................................. Shiraz, Iran
B.S., M.S., Sharif University of Technology; M.S., Clemson University
Dissertation: Inference in Queues
Advisor: Dr. P Kiessler

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

Hoseinali Borhan................................................................................................................ Isfahan, Iran
B.S., University of Tehran; M.S., Sharif University of Technology
Dissertation: Optimization-Based Power Management of Hybrid Power Systems with Applications in Advanced Hybrid Electric Vehicles and Wind Farms with Battery Storage
Advisor: Dr. A Vahidi

Benjamin William Caldwell ............................................................................................ Lexington, SC
B.S., M.S., Clemson University
Dissertation: Evaluating the Use of Functional Representations for Ideation in Conceptual Design
Advisor: Dr. G Macko
Mechanical Engineering (continued)

David Joseph Ewing ........................................................................ Anderson, SC
B.S., Pensacola Christian College
Dissertation: Application of Alternative Cooling Techniques Using Phase Change Materials and Nanofluids
Advisor: Dr. L Ma

Chiradeep Sen ........................................................................ Calcutta, India
M.S., Clemson University
Dissertation: A Formal Representation of Mechanical Functions to Support Physics-Based Computational Reasoning in Early Mechanical Design
Advisor: Dr. J Summers

Prabhu Shankar ........................................................................ Seneca, SC
B.E., Bharathiar University
Dissertation: Development of a Design Method to Reduce Change Propagation Effects
Advisor: Dr. J Summers

Ramaswami Subrahmanian .................................................. Chennai, India
B.S., Indian Institute of Technology; M.S., Clemson University
Dissertation: Applying Chaotic Advection to Rheology: An in Situ Structuring Rheometer
Advisor: Dr. D Zumbrunnen

Joshua Aaron Tarbutton ........................................................ Lawrenceville, GA
B.S., Georgia Institute of Technology; M.S., Clemson University
Dissertation: Automated Digital Machining for Parallel Processors
Advisors: Dr. T Kurfess and Dr. T Tucker

Jun Yin ................................................................................... Ningbo, China
B.S., Peking University; M.S., Chinese Academy of Sciences
Advisor: Dr. Y Huang

Physics

Doyl Edward Dickel .................................................................... Clemson, SC
B.S., California Institute of Technology
Dissertation: Electrical Detection of Mechanical Resonance in Nanotubes and Semiconducting Nanowires
Advisor: Dr. A Rao

Polymer and Fiber Science

Kyle Garrod Gipson .............................................................. Simpsonville, SC
B.S., Wofford College; M.S., Institute of Textile Technology
Dissertation: Light-Emitting Nanocomposites and Novel Amorphous Polymers for Optical Applications
Advisors: Dr. P Brown and Dr. J Ballato
Robert Todd Bruce ................................................................. Athens, TN
B.A., M.S., University of Tennessee
Dissertation: Avoiding Engagement with "Invisibles" by Teaching Literacy Instead of Literature:
   Existential Issues in English Education
Advisor: Dr. B Bailey

Educational Leadership
Margaret Simpson Bright ............................................................ Seneca, SC
B.S., M.Ed., University of Georgia
Dissertation: An Examination of Adaptive Leadership Processes Using Action Research
Advisor: Dr. R Marion
Christopher Howard Porter .......................................................... Anderson, SC
B.A., Lander University; M.A., M.Ed., University of South Carolina
Dissertation: An Examination of Variables Which Influence High School Students to Enroll in an
   Undergraduate Engineering or Physical Science Major
Advisor: Dr. J Satterfield
Bonnie Jean Smith ................................................................. Greenville, SC
B.A., Furman University; M.S., University of South Carolina
Dissertation: Community College Faculty Job Satisfaction: A Network Perspective
Advisor: Dr. R Marion

Parks, Recreation and Tourism Management
Susan Lynn Vezeau ................................................................. Charleston, SC
B.S., College of Charleston
   Ranger Program
Advisor: Dr. R Powell

GRADUATE SCHOOL
DOCTOR OF PHILOSOPHY
International Family and Community Studies
Jill Duncan McLeigh ................................................................. Columbia, MD
B.A., University of North Carolina; M.S., Carnegie-Mellon University
Dissertation: Does Faith Matter? A Comparison of Faith-Based and Secular International
   Nongovernmental Organizations Engaged in Humanitarian Assistance
Advisor: Dr. G Melton
Arelis Moore de Peralta .......................................................... Santo Domingo, Dominican Republic
M.D., Institute Technology of Santo Domingo; M.P.H., University of Santo Domingo; M.Ed.,
   The Ibero American University
Dissertation: Health Beliefs and Socio-Cultural Factors that Predict Cervical Cancer Screening
   Behaviors among Hispanic Women in Seven Cities in the Upstate of South Carolina
Advisor: Dr. B Holaday
International Family and Community Studies (continued)

Natallia Sergeevna Sianko ............................................................. Smolensk, Russia
B.A., Minsk State Linguistic University
Dissertation: Democratic Orientations among Adolescents: Trends in Emerging and Mature Democracies
Advisor: Dr. R Kimbrough-Melton

Ekaterina M Yazykova ................................................................. Beloozyrsky, Russia
B.S., Salisbury State University
Dissertation: Exit, Voice and Human Security: Serbs in Kosovo after Declaration of Independence
Advisor: Dr. G Melton

Policy Studies

Matias Gabriel Nardi ................................................................. Buenos Aires, Argentina
B.S., University of Buenos Aires; M.S., Clemson University
Dissertation: The Political Economy of Agriculture and Food Policies in Argentina during the XXI Century: An Empirical Estimation of the Electoral Response at the National, Provincial and Local Level, and its Conceptual Relationship with Lobbying, Advocacy and Demonstrations
Advisor: Dr. C Carpio

John Norton Skardon ................................................................. Clemson, SC
B.S., Clemson University; M.A., Kent State University
Dissertation: Accelerating Innovation via Industry-Scale Open Innovation Networks: A Case Study in the US Automotive Industry
Advisor: Dr. D Bodde

Kulwadee Wiwatsawardinon ....................................................... Bangkok, Thailand
B.S., Ramkhamhaeng University; M.S., University of Pittsburgh
Dissertation: Food Safety and Competitiveness: Comparative Study of Fruits and Vegetables Firms in Philippines, Vietnam and Thailand
Advisor: Dr. M Hammig
CANDIDATES FOR THE EDUCATION SPECIALIST AND MASTER'S DEGREE
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MASTER OF SCIENCE
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Garland Reed Brogan.................................Greenville, SC
Travis Lane Brown ......................................Simpsonville, SC
Daniel Eduardo Butt ........Bournemouth, United Kingdom
Ya-Ching Chang........................................Taipei, Taiwan
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Julia Whitridge Fielding.............................Arlington, VA
Leigh Ann Frick ........................................Simpsonville, SC
Sommer Nadine Johnson.............................Piedmont, SC
Tommi Jackson Jones.................................Clemson, SC
Vidya Kajbaje ............................................Clemson, SC
Julius J Kerschinske.................................Cedar Bluffs, NE
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Robert Harry Loven II ................................Pineola, NC
Sumanth Maddineni ......................Hyderabad, India
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Marshall James Norris ................................Easley, SC
Joseph Thomas Nyvall.................................Summerville, SC
Robert Eric Richardson............................Anderson, SC
Brian Eric Satterfield.................................Travelers Rest, SC
Tom Joseph Sawyer ..................................Greenville, SC
Michael Joseph Schempp...............................Lyman, SC
Jasvinder Singh ........................................Simpsonville, SC
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Edward Pinckney Taylor ......................St Helena Island, SC
Derek Michael Van Schaik ..................Franklin, NJ
Lili Wang ..................................................Greer, SC
Howard Denton Williamson III ....................Columbia, SC
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Bilal Malik ..........................................Spartanburg, SC
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Danielle Zanzrali ....................................Carteret, NJ

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Stephanie Anne Whetsel ......................Yorkville, NY

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Lei Zhu ........................................Shanghai, China

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Pisut Wisessing ................................Kanchanaburi, Thailand

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William Edward Brunner .....................Charlotte, NC
Ramiro Angelo Cabatbat .....................Westminster, CA
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Bryan Patrick Cassidy ........................................ Richmond, TX
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Daniel Alan Dye .............................................. Bellaire, TX
Ryan Gautreau ..................................................... Richmond, TX
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Kayla Denise Johnson ........................................... Tomball, TX
Jeremy Losack .................................................... Richmond, TX
Ryan Michael Lovchik .......................................... Richmond, TX
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John Vernon Breitmeier ....................................... Melbourne, FL
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Subhra Sankar Nag ............................................. Kolkata, India
Sriram Sankar ..................................................... Chennai, India

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J Michael Grayson ............................................. Okatie, SC
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Cheng Sun ....................................................... Lanzhou, China
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Robert C Wood .................................................. Atlanta, GA

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Harsh Vardhan Dwivedi ......................................... New Delhi, India
Benjamin Tazewell Garrison ................................... Lake Jackson, TX
Bhushan Dattatraya Rayrikar ................................ Pune, India
Aaron Rosen ....................................................... Mt Pleasant, SC

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Luyao Cheng ...................................................... Jinhua, China
Charles Thomas Cook .......................................... Six Mile, SC
Dong Gu ......................................................... Henan, China
Yangyang He ...................................................... Anqing, China
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Dahao Qian ....................................................... Suzhou, China
Ying Xie ......................................................... Sichuan, China
Jin Xu .............................................................. Yichang, China
Pengfei Xuan ..................................................... Clemson, SC
Xia Yang ......................................................... Jiangsu, China
Haihua Yin ....................................................... Liaoning, China
Jie Zhang ......................................................... Clemson, SC

Electrical Engineering

Shawn Sphere Ballenger ......................................... Johnstonville, SC
Satyajeet Bhalchandra Bhide ................................... Pune, India
Vikram Ashwin Bhide ............................................ Pune, India
John Vernon Breitmeier ....................................... Melbourne, FL
Nivedhitha Giri .................................................... Clemson, SC
Mahesh Harinath ................................................ Chennai, India
Robert Charles Kriener ........................................ Myrtle Beach, SC
Juan Manuel Marmolejo Tejada ................................ Cali, Colombia
Serhat Obuz ....................................................... Clemson, SC
Shivram Ramanathan ............................................ Chennai, India
### Electrical Engineering (continued)

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
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<tbody>
<tr>
<td>Shweta Tomar</td>
<td>Dehradun, India</td>
</tr>
<tr>
<td>Weixin Wu</td>
<td>Clemson, SC</td>
</tr>
<tr>
<td>Xiaoyong Ye</td>
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### Environmental Engineering and Science

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Katelyn Emma Bryll</td>
<td>Lockport, IL</td>
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<tr>
<td>Kyle Lee Hering, Jr</td>
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<td>Tara Elizabeth Matheny</td>
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<tr>
<td>Pooja Ashokkumar Mistry</td>
<td>Ahmedabad, India</td>
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<tr>
<td>Sandra Michelle Reller</td>
<td>Binghamton, NY</td>
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### Hydrogeology

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<th>Name</th>
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<tbody>
<tr>
<td>Evan Henry Cross</td>
<td>Saegertown, PA</td>
</tr>
<tr>
<td>Kristen N Jurinko</td>
<td>Monroeville, PA</td>
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<td>Adam Robert Mangel</td>
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<tr>
<td>Michael John Pardue</td>
<td>Roaring River, NC</td>
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### Industrial Engineering

<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Robert William Allen</td>
<td>Simpsonville, SC</td>
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<tr>
<td>Sourav Bhuyan</td>
<td>Bhubaneswar, India</td>
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<tr>
<td>Shawn M Blake</td>
<td>Orangeburg, SC</td>
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<tr>
<td>Dean Vernon Dreibelbis, Jr</td>
<td>Waxhaw, NC</td>
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<tr>
<td>Awatif Omar Ergai</td>
<td>Central, SC</td>
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<td>Narges Hosseini</td>
<td>Clemson, SC</td>
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<tr>
<td>Alexander Ibllher</td>
<td>Regensburg, Germany</td>
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<td>Dae Keun Jang</td>
<td>Seoul, South Korea</td>
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<tr>
<td>Elizabeth Anne McCallion</td>
<td>Tulsa, OK</td>
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<tr>
<td>Behzad Nemati</td>
<td>Tehran, Iran</td>
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<tr>
<td>Siddharth Vijay Setiya</td>
<td>Clemson, SC</td>
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<tr>
<td>Samantha Lynn Sissel</td>
<td>Simpsonville, SC</td>
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### Materials Science and Engineering

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Margaret Lynn Fiedler</td>
<td>Sandwich, MA</td>
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<tr>
<td>Alexandra Lee Foguth</td>
<td>Lake Wylie, SC</td>
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<td>William Nathaniel Horton</td>
<td>Milligan, TN</td>
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<tr>
<td>Archana Kayar</td>
<td>Clemson, SC</td>
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<tr>
<td>Julia Reid</td>
<td>Clay, MT</td>
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<tr>
<td>William Randall Shirley, Jr</td>
<td>Iva, SC</td>
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### Mathematical Sciences

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Jeannette Imborgiano Brown</td>
<td>Stuttgart, Germany</td>
</tr>
<tr>
<td>Jason Lee Joyner</td>
<td>Clover, SC</td>
</tr>
<tr>
<td>Haiming Zhou</td>
<td>Seneca, SC</td>
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### Mechanical Engineering (continued)

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<tbody>
<tr>
<td>Rajwardhan Bhaskarao Patil</td>
<td>Kolhapur, India</td>
</tr>
<tr>
<td>John C Porcher</td>
<td>Milton, FL</td>
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<tr>
<td>Vikrant Chandrakant Rayate</td>
<td>Clemson, SC</td>
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<tr>
<td>Clodoaldo Jose da Silva</td>
<td>Sao Paulo, Brazil</td>
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<tr>
<td>Venkata Shilpa Varahagiri</td>
<td>Visakhapatnam, India</td>
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<tr>
<td>Andrew Franklin Werner</td>
<td>Isle of Palms, SC</td>
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### Polymer and Fiber Science

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rong Cui</td>
<td>Beijing, China</td>
</tr>
</tbody>
</table>

### COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

#### EDUCATION SPECIALIST

**Administration and Supervision**

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
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<tbody>
<tr>
<td>Mark Anthony Drango, Jr</td>
<td>Greenville, SC</td>
</tr>
<tr>
<td>Jeffrey Paul Duncan</td>
<td>Pickens, SC</td>
</tr>
</tbody>
</table>

**Master of Arts in Teaching**

**Middle Level Education**

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<thead>
<tr>
<th>Name</th>
<th>Location</th>
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<tbody>
<tr>
<td>Matthew Lee Cannon</td>
<td>Greenville, SC</td>
</tr>
<tr>
<td>Britanny Elise Bechet Harbin</td>
<td>Taylors, SC</td>
</tr>
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**Secondary Education**

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>David Bushfield Cattrell</td>
<td>Spartanburg, SC</td>
</tr>
</tbody>
</table>

**Master of Human Resource Development**

<table>
<thead>
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<tbody>
<tr>
<td>Aline Henao</td>
<td>Simpsonville, SC</td>
</tr>
<tr>
<td>Kelly Leahy Turney</td>
<td>Versailles, KY</td>
</tr>
</tbody>
</table>

**Master of Parks, Recreation and Tourism Management**

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>James Simiren Nampushi</td>
<td>Narok, Kenya</td>
</tr>
</tbody>
</table>

### Master of Education

**Administration and Supervision**

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
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<tbody>
<tr>
<td>Esther Amanda Lloyd</td>
<td>Greenwood, SC</td>
</tr>
<tr>
<td>Alexander H Smith</td>
<td>Anderson, SC</td>
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</tbody>
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#### Counselor Education

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
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<tbody>
<tr>
<td>Emily Darnelle Bebber</td>
<td>Simpsonville, SC</td>
</tr>
<tr>
<td>Talia Ariel Corley</td>
<td>Charleston, SC</td>
</tr>
<tr>
<td>Patricia Kathleen Ethridge</td>
<td>Fountain Inn, SC</td>
</tr>
<tr>
<td>Coryynne A Jones</td>
<td>Decatur, GA</td>
</tr>
<tr>
<td>Sarah Kristin Yoos Kendrick</td>
<td>Columbia, SC</td>
</tr>
<tr>
<td>Kelsey Jayne Jones Marcero</td>
<td>Seneca, SC</td>
</tr>
</tbody>
</table>
Counselor Education (continued)
Thomas Chadwick McGee ................................ Wilson, NC
Margaret Elizabeth Meeker ......................... Chapel Hill, NC
Amanda Faith Nelson ..................................... Anderson, SC
Jeffrey S Scranton ................................................. Easley, SC

Reading
Sarah Elizabeth Lane ...................... Hilton Head Island, SC

Secondary Education
Kevser Erdener.................................................Central, SC

MASTER OF SCIENCE
Nursing
Christian William Graver..................................... Easley, SC
Audrey W Jones ......................................................... Lee, FL

Parks, Recreation and Tourism Management
Erin Victoria O'Neill .................................. Baton Rouge, LA

Youth Development Leadership
Sandra Smith Blankenship.................................. Sunset, SC
John Taylor Boetsch.................................... Fort Mill, SC
Rebecca Mays Coffey .................................. Anderson, SC
Aimee Cox........................................ Wilmington, NC
Crystal Dawn Crouse.................................. Young Harris, GA
Darrell Alan Jernigan...................................... Seneca, SC
Asha Lynette Jordan ........................................ Fort Wayne, IN
Sarah Elizabeth May ........................................ Raleigh, NC
Kelly Jenerette Shaw ............................................. Loris, SC
Sheronda Nicole Witter ................................... Beaufort, SC

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Evan Adelle McLeod ........................................ Camden, SC
Blake Allan Visin ............................................. Crystal Lake, IL
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Thomas R Scott, Dean

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* Alexa Ryanne Bianchi ............................... Greer, SC
Whitnie Ná’cole Davis ................................ Irmo, SC
Frederick Lloyd Gilbert ................................ Homewood, AL
David Hammet .......................................... Bamberg, SC
Sarah Elizabeth Henderson .............................. Mt Pleasant, SC
‡*Sophie Lena Karnas ..................................... Honeoye Falls, NY
Kyle Curtis Lawrence .................................... Smyrna, DE
Bolim Lee ................................................... Incheon, Korea
* Georgia Grace Lesser .................................. Auburn, IN
Irene Nicole Mortera .................................... Goose Creek, SC
Cecily Mecole Rodgers ................................... Clemson, SC
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Paige Leandra Haltiwanger ............................ Silverstreet, SC
Henry Francis Harris III ................................ Walhalla, SC
Jacob Randall Laughlin .................................. Abbeville, SC
Henderson Bruce Rowe .................................. Fort Mill, SC
Michael Garrett Worrell ................................ Barnwell, SC

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Lawrence Gaston Knox .................................. Spartanburg, SC
Baxley Lee McIntyre .................................... Hamer, SC

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***Sarah Elizabeth Blanton ................................ Aiken, SC
Kristen Bratton .......................................... Gaffney, SC
Lauren Holly Brown ..................................... Central, SC
Anna Brooke Carter ..................................... Rock Hill, SC
Elizabeth Anne Carter .................................. Williamston, SC
Margaret Anne Cox ..................................... Central, SC
Dana Leigh Hardison .................................... Vienna, VA
Ashton Dawn Hudson .................................. Barnwell, SC
* Erin Susanne Peters .................................. Fountain Inn, SC
Kelsey Bray Rand ........................................ Mt Pleasant, SC

Animal and Veterinary Sciences (continued)

** Caroline Krauss Randinelli ............................ Isle of Palms, SC
Savannah Loren Singleton ............................... Easley, SC
‡** Grace Marie Vahey .................................... Surfside Beach, SC
Kate Foxworth Watson .................................... Kingstree, SC

Applied Economics and Statistics

Ashleigh Elaine Duncan ................................ Sumter, SC
Joshua Angus Pitts ....................................... Newberry, SC
Philip Austin Rizer ....................................... Lodge, SC
Julie Claire Welch ........................................ McLean, VA

Biochemistry

Man Man Chau ............................................. Hong Kong, China
Kelley Elizabeth McQueeney .......................... Columbia, SC
Rebecca Lynne Cain ..................................... Lexington, SC
Destiny Joy Cruz ......................................... Simpsonville, SC
Rose Katherine Curry .................................... Clemson, SC
Gregory Renaud Franklin II ........................... Blythewood, SC
Corbin M Fuller ........................................... Mt Pleasant, SC
* Claudy Nesly Gay, Jr .................................. Cambria Heights, NY
Charlton Marvell Goodwin ................................ Columbia, SC
‡***William Dylan Hale .................................. York, SC
Michelle Hannon .......................................... Lyman, SC
Ross Michael Hansen .................................... Simpsonville, SC
*Lyndsay Nicole Heater .................................. Charlotte, NC
Mary Katherine Heniford ................................ North Myrtle Beach, SC
‡**Steffanie Leigh Meyer ................................ Chicopee, MA
Jason Ryan Norris ........................................ Pilesgrove, NJ
Donald C Ritter ............................................ Greenville, SC
Jonathan Kevin Sharpe .................................. Aiken, SC
**Theodore Allen Snyder III ........................... Walhalla, SC
Emily Megan Wallis ...................................... Easley, SC
Thad Anderson Ward III ................................ Sumter, SC
Rachael Lauren Wheeler .................................. Clemson, SC
*James Reed Williamson ................................ Florence, SC

Biological Sciences

Ibtehal Albasher Alsallaicy ................................ Azzawia, Libya
Tiffany Miche Anciaux ................................... Charleston, SC
Nicholas Anderson Baughman .......................... Greenville, SC
Kristie Faye Boggs ....................................... Mt Pleasant, SC
Matthew Peter Boyeson .................................. Columbia, SC
Rebecca Lynne Cain ..................................... Lexington, SC
Destiny Joy Cruz ......................................... Simpsonville, SC
Rose Katherine Curry .................................... Clemson, SC
Gregory Renaud Franklin II ........................... Blythewood, SC
Corbin M Fuller ........................................... Mt Pleasant, SC
* Claudy Nesly Gay, Jr .................................. Cambria Heights, NY
Charlton Marvell Goodwin ................................ Columbia, SC
‡***William Dylan Hale .................................. York, SC
Michelle Hannon .......................................... Lyman, SC
Ross Michael Hansen .................................... Simpsonville, SC
*Lyndsay Nicole Heater .................................. Charlotte, NC
Mary Katherine Heniford ................................ North Myrtle Beach, SC
‡**Steffanie Leigh Meyer ................................ Chicopee, MA
Jason Ryan Norris ........................................ Pilesgrove, NJ
Donald C Ritter ............................................ Greenville, SC
Jonathan Kevin Sharpe .................................. Aiken, SC
**Theodore Allen Snyder III ........................... Walhalla, SC
Emily Megan Wallis ...................................... Easley, SC
Thad Anderson Ward III ................................ Sumter, SC
Rachael Lauren Wheeler .................................. Clemson, SC
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Environmental and Natural Resources

* Derek Michael Acker .................................... Florence, SC
Ashley Margaret Buffington ............................ Bishopville, SC
George Anderson Douglas III .......................... Greenville, SC
Caroline Bradley Gill .................................... Charleston, SC
Robert Garner Hottersen III ........................... New York, NY
Environmental and Natural Resources (continued)

Ronesha Lynn Strozier.............................. Atlanta, GA
†***Abbie Lee Tremblay............................. Westminster, MA
Casey Marie Yarborough.......................... Scranton, SC

Food Science

Austin Mark Alvarez............................... Alpharetta, GA
**Taylor Raye Corley............................... Ridgeway, SC
Samantha Claire Danna............................ Mt Pleasant, SC
Catherine Elise Kent............................... Florence, SC
Brittney Nicole Linton............................ McBea, SC
Will Cameron McWhirter.......................... Columbia, SC
Matthew James Medd............................... Columbia, SC
Adam Jacob Rubelmann............................ Orange, CT
*Stephanie Lynne Schatz.......................... Norristown, PA
Julia Lightbourn Scheider ......................... Hilton Head Island, SC
†*Anna Garland Shaffner.......................... Winston-Salem, NC
Virginia Anne West............................... Atlanta, GA
Amber Alicia Wiles................................ Starr, SC

Forest Resource Management

Wesley Ridgeway Brunson.......................... Alcolu, SC
*Alex C Londeau....................................... Sumter, SC
Casey Patrick McCarthy............................ Sumter, SC
Clintmon Denver Padgett........................... Ridge Spring, SC
Jacob Thomas Schimpf............................. Charleston, SC
Luke Daniel Scroggs............................... Abbeville, SC
Justin Anthony Walker............................ Centennial, CO

Genetics

*Allison Heather Scott............................ Boca Raton, FL
Julio Cesar Sondor, Jr.............................. Taylors, SC
†***Audrey Lauren Turchick........................ Loveland, OH
Jillian C Turner..................................... Windham, NH

Horticulture

*Kathleen Marie Dickson.......................... Mt Pleasant, SC
Suzanne Nancy Lombardo............................ Clemson, SC
Jaime Elizabeth Morin............................. Waterford, CT

Microbiology

*William Ross Cary................................ Batesburg, SC
Kristen Einset........................................ Baroda, MI
Tyler John Fleming................................. Sumter, SC
Nicholas Rex Grant.................................. Irmo, SC
Samyukta Kappagantula............................ Simpsonville, SC
†***Domoina Nicole Powell......................... Aiken, SC
†***Morgan Elizabeth Teachey..................... Canton, GA
John Andrew Warren............................... Basking Ridge, NJ
Natasha Shantell Williams.......................... Atlanta, GA

Packaging Science

*Meredith Louise Boyd............................ Loris, SC
Shaketria Dyuatara Davis.......................... Camden, SC
Ashley Elizabeth Drennon.......................... Anderson, SC
John Thomas Duncan.............................. Mt Pleasant, SC
*Timothy Kyle Franke, Jr........................... Greer, SC

Packaging Science (continued)

Chris Gunter........................................... Columbia, SC
Eric Haas............................................... Easton, PA
**Mary Beth Helms.................................... Columbia, SC
Jacquelyn Ann Hemann............................. Kirkwood, MO
Demondray Antwon Hunter.......................... Columbia, SC
Eric Mathew Kooper............................... Florence, SC
Matthew Robert Kramer............................ Pittsburgh, PA
Cody Walters Lawrence............................ Chapin, SC
David Raymond Lott, Jr............................ Barnwell, SC
Matthew Warren Majka............................. Greer, SC
*Conner Edward Mendenhall....................... Greenville, SC
Patrick Clark Mittelstadt........................... Mt Pleasant, SC
***Andrew Keller Rabley............................ Irmo, SC
Chelsea Lea Thompson.............................. Swansea, IL
*Marie Elizabeth Vaughan.......................... Summerville, SC
Jonathan Brian West............................... Orangeburg, SC
Jackson Bailey Winslow............................ Spartanburg, SC

Pre-professional Studies

*Lindsay Elizabeth Albea.......................... Mills River, NC
Stefanie Leigh Culbertson......................... West Union, SC
***Brittany Michele Loy............................ Burlington, NC
Stephanie Chayce Vance............................. Dillon, SC

Turfgrass

William C Law......................................... Columbia, SC
Darius Edward Murphy............................. Edgemoor, SC
Thomas Allen Reeder............................... Camden, SC
Dallas Zachary Sledzik............................. Spring Grove, PA

Wildlife and Fisheries Biology

Sarah Caroline Amick................................ Neeses, SC
Justin Alan Blauert................................. Inman, SC
Rachel Elizabeth Bowdoin.......................... Tampa, FL
*Dana Marie Bradley................................. Liberty, SC
James Lawrence Jenkins........................... Santee, SC
Evan William Kaiser............................... Seneca, SC
Thomas Patrick Kirby.............................. Columbia, SC
Travis Allen Knott................................. St Matthews, SC
Brian Andrew Murphy.............................. Murrells Inlet, SC
James Daniel Sexton............................... Taylors, SC
†***David Bledsoe Stone............................ Blythewood, SC
+++Carly Frances Summers......................... Spring City, PA
Kirtley Middlebrook Theisen....................... Greer, SC
***Chelsea Erin Weithman......................... Powell, SC

College of Architecture, Arts and Humanities

Richard E Goodstein, Dean

BACHELOR OF FINE ARTS

Tyler Fortsch........................................... Cream Ridge, NJ
Sarah Elizabeth Johnson.......................... Moncks Corner, SC
John William Searcy............................... Summerville, SC