

12-20-1990

# Clemson Commencement Program, December 1990

Clemson University

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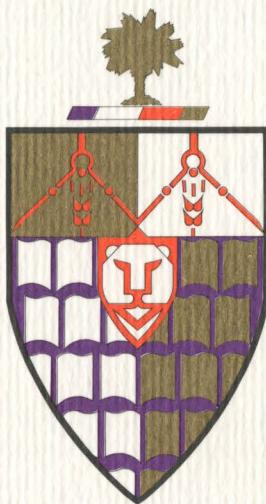
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# CLEMSON UNIVERSITY

Graduation Exercises  
December 20, 1990  
Clemson, South Carolina

# Graduation

Thursday, December 20, 1990

11:00 a. m.

Littlejohn Coliseum

## ORDER OF CEREMONIES

(Audience will please stand as faculty and candidates march in and remain standing for the invocation)

### Invocation

The Reverend Joe Ciccone  
Catholic Student Association

### Conferring of Honorary Degrees

President Max Lennon

### Recognition of President's Award Recipients

### Address to Graduating Class

Dr. Bonnie J. Dunbar  
Astronaut, National Aeronautics and Space Administration

### Conferring of Degrees and Delivery of Diplomas

President Max Lennon

### Welcome to New Alumni

J. Ryan White  
President, Alumni Association

### Benediction

Frank W. Breazeale, Organist

Kevin Davidson, Soloist

Dr. John Jefferson Porter, University Marshal

Visitors are not allowed on the floor of the coliseum for photographic or other purposes until after the commencement address. Access to the floor of the coliseum will be allowed beginning with the conferring of degrees of the doctoral candidates. Please return to your seat promptly after making photographs in order to keep distraction on the floor at a minimum.

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 but urgently requested.



## HONORARY DEGREE BONNIE J. DUNBAR DOCTOR OF LAWS

Astronaut Bonnie Dunbar has flown missions in both the Challenger and Columbia space shuttles since becoming an astronaut with the National Aeronautics and Space Administration in 1981.

A native of Sunnyside, Washington, Dr. Dunbar earned her B.S. and M.S. degrees in ceramic engineering at the University of Washington and the Ph.D. degree in biomedical engineering at the University of Houston (1983). Her multidisciplinary dissertation (materials science and physiology) involved an evaluation of the effects of simulated space flight on bone strength and fracture toughness using an animal model. She currently is an adjunct professor in mechanical engineering at the University of Houston and serves on the Bioengineering Advisory Group.

Prior to joining NASA Dr. Dunbar held a senior research engineer position with Rockwell International Space Division in Downey, California. Her responsibilities included developing equipment and processes for the manufacture of the space shuttle thermal protection system.

In 1978 she accepted a position as a payload officer/flight controller at NASA's Lyndon B. Johnson Space Center in Houston. She served as a guidance and navigation officer/flight controller for the Skylab reentry mission in 1979 and was subsequently designated project officer/payload officer for the integration of several space shuttle payloads.

Dr. Dunbar was a mission specialist on the crew of STS 61-A, the West German D-1 Spacelab mission, which launched from Kennedy Space Center on October 30, 1985. This seven-day mission was the first to carry eight crewmembers, the largest to fly in space, and also was the first in which payload activities were controlled from outside the United States. After completing 111 orbits of the Earth in 169 hours, Challenger landed at Edwards Air Force Base on November 6, 1985.

Dr. Dunbar next served as a mission specialist on the crew of STS-32 which launched from the Kennedy Space Center on January 9, 1990. In the longest shuttle mission to date, crewmembers on board Columbia successfully deployed the Syncom IV-F5 satellite and retrieved the 21,400 lb. Long Duration Exposure Facility using the Remote Manipulator System. Following 173 orbits in 261 hours, Columbia returned with a night landing at Edwards Air Force Base on January 20, 1990.

With the completion of her second shuttle flight, Dr. Dunbar had logged 430 hours in space. She enjoys flying and is a private pilot with more than 200 hours in single engine land aircraft and has logged more than 500 hours flying time in T-38 jets as co-pilot.

Clemson University holds Dr. Bonnie Dunbar and her achievements in the highest regard, and it is a special privilege to honor her with the awarding of this honorary degree.



**HONORARY DEGREE**  
**JOHN ANDREW McALLISTER**  
**DOCTOR OF LAWS**

South Carolinian John McAllister, businessman, public servant, award-winning conservationist, and champion of economic development in rural South Carolina, is one of the Palmetto State's outstanding citizens and most ardent promoters.

Mr. McAllister is counted among that small number of people who have the vision to recognize what can be accomplished, the industriousness to undertake the plain hard work involved with any progress, and the persistence to see the job through. A critical element of his success is the fact that he is a man of great integrity who subordinates his own interests for the benefit of his community, his religion, and his state. His membership and leadership in all of his various interests are not for personal gain, but rather, his personal effort to make sure he leaves the world a better place than he found it.

In 1986 Governor Richard W. Riley presented Mr. McAllister with the Order of the Palmetto, the highest honor given to a resident, acknowledging his longtime public service to a variety of business, conservation education, and welfare organizations.

Other past and current service, accomplishments and honors worthy of note include:

Chairman of the state agency, Savannah Valley Authority, and the primary force behind the development of the 4,000-acre Savannah Lakes Village Retirement Community; Co-founder and president of the West Carolina Rural Telephone Cooperative; U.S. Department of Agriculture National Rural Telephone Bank Board, Washington, DC, with 18 years continuous service; Member and officer, Clemson Board of Visitors; Clemson Alumni National Council and State-wide Support Group; Member, past chairman, Board of Directors, Upper Savannah Council of Governments continuously since 1978; Past Chairman, member of Board of Trustees, John de la Howe School, McCormick County; twice honored for contributions to wildlife conservation by S.C. Wildlife Federation.

Also, Past President, S. C. Forestry Association and "Tree Farmer of the Year"; S. C. Soil Conservation Districts' "State Conservationist of the Year"; S. C. Economic Development Association's Lifetime Service Award; Old Ninety Six Tourism Commission's "Person-of-the-Year" Award; testified before U. S. Senate subcommittee on appropriations in support of economic development programs in rural America on behalf of the National Association of Development Organizations; Boy Scouts of America Silver Beaver Award.

Good business judgment and keen foresight have made Mr. McAllister successful in furniture merchandising, cattle raising, timber growing, and land developing. Mr. McAllister is married to the former Catherine Harter of Ninety Six and has five children: John, Jr., Ed, Cathy, Wes, and Mary.

John McAllister, through his business achievements, his personal conduct, and his years of unselfish public service, has helped improve the lives of countless South Carolinians. He is a worthy recipient of an honorary degree from his alma mater, and it is appropriate that Clemson University should recognize his service to the state and his commitment to others by awarding him the honorary degree, Doctor of Laws.

# The President's Award



KATHRYN CRAVEN LEMON



LOIS WALTERS COKER

## KATHRYN CRAVEN LEMON

For Kathryn Craven Lemon, service to community and education has always been a family affair. In her hometown of Bennettsville, her grandmother's family founded Fletcher Memorial High School, still in operation today.

With plans to become a teacher, Kathryn studied at the University of South Carolina, where she graduated cum laude in 1934 and met her future husband, Calhoun Lemon of Barnwell, a former Clemson student. The Lemons participated in many cultural, service and church-related projects. Kathryn helped start a Girl Scout troop, served as PTA president, and has worked on city beautification and anti-litter projects. Both Lemons were instrumental in founding the Barnwell County Museum. Kathryn chaired its board for eight years and still holds an administrative seat. The Lemons served in a variety of offices in the Barnwell United Methodist Church, where Kathryn oversaw the research and writing of the church's history for its centennial celebration.

Clemson University has been a main beneficiary of the Lemons' generosity and foresight. In 1972, they endowed the William James Lemon Professorship in Literature; in 1984, the Kathryn and Calhoun Lemon Professorship in History Annual Supplement; and in 1986, the Kathryn and Calhoun Lemon Philosophy Professorship.

Since Calhoun's death in 1989, Kathryn has continued the family legacy of concern for her community and for Clemson. With gratitude and admiration, Clemson University is honored to have her accept The President's Award.

## LOIS WALTERS COKER

Lois Walters Coker's commitment to education has its roots in her native Idaho. Its results are manifest in her adopted South Carolina.

Following the advice of her father — an attorney who served in Franklin Roosevelt's administration and a firm believer in education for women — she pursued higher education for herself. After earning a bachelor's degree at the University of Idaho and a master's at the University of California at Berkeley, she began a career of helping others become educated. In Idaho, she taught for two years in one-room rural schools. When marriage to Robert Richardson Coker brought her to the Palmetto State, she joined him in a lifelong partnership that has significantly advanced educational opportunities for many South Carolinians.

Her late husband, a University of South Carolina graduate, was a leading agriculturalist who headed Coker's Pedigreed Seed Co. He was a Clemson Life Trustee from 1960 to 1987, the year he died. The Cokers that year made a personal commitment of \$500,000 toward the Robert and Lois Coker Chair in Molecular Genetics at Clemson. The endowment has now reached \$1 million, and a search is under way to fill the chair.

Through the S. C. Farm Bureau, the Cokers also established a graduate fellowship in agriculture at Clemson, and the entire Coker family has been generous in its support of Coker College for generations.

Because of all Lois Coker has done to improve South Carolina's educational potential, Clemson University proudly presents to her The President's Award.

## BOARD OF TRUSTEES

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Joseph D. Swann	Greenville
Allen P. Wood	Florence

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James M. Waddell, Jr.	Beaufort

## ADMINISTRATIVE OFFICERS

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W. David Maxwell	Provost and Vice President for Academic Affairs
Hugh J. Clausen	Vice President for Administration and Secretary of the Board of Trustees
Milton B. Wise	Vice President for Agriculture and Natural Resources
David R. Larson	Vice President for Business and Finance
Gary A. Ransdell	Vice President for Institutional Advancement
G. Jay Gogue	Vice President for Research
Manning N. Lomax	Vice President for Student Affairs

# The Academic Procession

The Academic procession is composed of the faculty, staff, officers, Trustees, and 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.

Following the marshal is the college banner bearer. 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 as follows:

College	Colors	Discipline
Agriculture	Maize	Agriculture
Architecture	Brown	Fine Arts
	Lilac	Architecture
Commerce & Industry	Copper Drab	Economics Business
Education	Light Blue	Education
Engineering	Orange	Engineering
Forest & Recreation Resources	Russet Sage Green	Forestry Recreation Education
Liberal Arts	Dark Blue White Cream	Philosophy Letters & Humanities Social Science
Library	Lemon	Library
Nursing	Apricot	Nursing
Sciences	Golden Yellow	Sciences
Staff	Purple & Orange	Academic Support

Collegiate faculty follow their banner 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.

The academic costumes of faculty whose degrees are from United States' institutions 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 bachelors' gown is simple and black with long, pointed sleeves. Masters' gowns, also black, are longer than bachelors. 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 discipline studied and the awarding institution. First, degree level is signified by the size of the hood with bachelors' 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 discipline is indicated by the color of the trim edging the hood to form the throat over the gown. 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. 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.

## 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 state and church in the Middle Ages. Its basic club-like shape, however, is much more ancient, probably going back to man's pre-history. It is made of walnut wood and silver, with the seal of the University in gold and the University colors represented by insets of cornelian (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 seal of the University 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 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.

## Coat of Arms

Designed by Clemson University graphic artist, Connie Floyd, the coat of arms represents the historic three-fold mission of this institution: teaching, research and service.

Pictured on the cover, the coat of arms is divided into three parts. The bottom contains a series of open books representing the concept of teaching as the basis of the land-grant university. The white of the books and the purple of the background designate the teaching mission of the University as it is achieved through undergraduate and graduate instruction.

The upper portion of the shield contains two sets of calipers and wheat sheaves illustrating the measurement system for research, as well as Clemson's tradition in agriculture and Extension. The three symbols — the books, calipers and wheat sheaves — also represent the humanities, technology and science.

The entire shield is joined by a small orange center shield bearing a white tiger mask symbolizing the abiding spirit of Clemson.

The crest is a gold palmetto tree, which emphasizes Thomas Green Clemson's desire that Clemson become "the people's university" for South Carolinians. It rises from a band of purple, orange, white and gold. The outer pair of colors, purple and gold, are the official colors of the University; the inner pair, orange and white, are Clemson's student colors.

## CANDIDATES FOR DOCTORS' DEGREES

FARRELL BLENN BROWN, Acting Dean, Graduate School

### COLLEGE OF AGRICULTURAL SCIENCES

#### DOCTOR OF PHILOSOPHY

##### Agronomy

Joe Ernest Toler \_\_\_\_\_ Hapeville, Ga.  
B.S., M.S., University of Georgia  
Dissertation: Patterns of Genotypic Performance over Environmental Arrays

#### Applied Economics

Robert Allen Kneuper \_\_\_\_\_ Fairfax, Va.  
B.S., George Mason University; M.A., Clemson University  
Dissertation: Regulation as Risk-Seeking: Analysis of the Airbag and Superfund Debates

#### Plant Physiology

Dipika Gupta \_\_\_\_\_ Clemson  
B.S., M.S., Poona University  
Dissertation: Mitochondrial Gene Expression in **Zea Mays**

### COLLEGE OF COMMERCE AND INDUSTRY

#### DOCTOR OF PHILOSOPHY

##### Industrial Management

Luis Antonio Nunes Lourenco \_\_\_\_\_ Covilha, Portugal  
Lic., Instituto Universitario da Beira Interior, Covilha-Portugal; M.S., Clemson University  
Dissertation: Setting Planned Lead Times in MRP Using Earliness and Tardiness Cost Information

Michael Arthur Morabito \_\_\_\_\_ Hampton, Va.  
B.S.B.A., Christopher Newport College; M.S., Air Force Institute of Tech.  
Dissertation: A Simulation Study of Final Assembly Sequencing Methods in a Mixed-Model Just-in-Time Manufacturing System

#### Textile and Polymer Science

Tod Alan Waldrop \_\_\_\_\_ Landrum  
B.S., Clemson University  
Dissertation: An Expert System for Textile Chemical Selection and Its Effectiveness

### COLLEGE OF EDUCATION

#### DOCTOR OF EDUCATION

##### Vocational and Technical Education

Sally Pahnke Cummings \_\_\_\_\_ Seneca  
B.S.N., University of N. C. at Greensboro; M.S.N., East Carolina University  
Dissertation: Socialization To Nursing: The Effect of a Summer Nurse Internship Program on Baccalaureate Nursing Student Role Conception

Debra Cornelia Edwards \_\_\_\_\_ Burlington, N. C.  
B.S., M.A., Appalachian State University  
Dissertation: Differences Between Work Beliefs Espoused by Students and Those Valued by Employers as Enhancement to the Economy

## **COLLEGE OF ENGINEERING**

### **DOCTOR OF PHILOSOPHY Engineering**

Saleh Almubarak Altayeb	Damascus, Syria
B.S., Tri-State University; M.S., Ohio University-Main Campus	
Dissertation: Drug Testing and Its Impact on the Incident Rate in the Construction Industry (Field of Specialization: Civil Engineering)	
Li-Ping Chao	Taichung, Taiwan
B.S., Chung Yuan Christian College; M.S., Clemson University	
Dissertation: The Stress Analysis of Buried Cylindrical Structures by Finite Element Method (Field of Specialization: Civil Engineering)	
Keith Ward Hutchenson	Wagener
B.S., M.S., Clemson University	
Dissertation: Fractionation of Petroleum Pitch by Supercritical Fluid Extraction: Experimental Phase Behavior and Thermodynamic Modeling (Field of Specialization: Chemical Engineering)	
William Palmer Lovegrove	Greenville
B.S., Bob Jones University; M.S., Clemson University	
Dissertation: Methodology for Studying Transient Behavior in Computer Networks Using Simulation (Field of Specialization: Computer Engineering)	
Michael S. Scordilis	Corfu, Greece
B.E., Royal Melbourne Institute of Tech.; M.S., Clemson University	
Dissertation: A Neural Network Controlled Format Synthesizer with Phoneme — Dependent Voicing (Field of Specialization: Electrical Engineering)	
Joo Young Song	Seoul, Korea
B.S., Seoul National University; M.S., Clemson University	
Dissertation: Reliability Analysis for a Rapidly Reconfigurable Network (Field of Specialization: Electrical Engineering)	
Saeid Taheri	Tehran, Iran
B.S., M.S., Clemson University	
Dissertation: An Investigation and Design of Slip Control Braking Systems Integrated with Four Wheel Steering (Field of Specialization: Mechanical Engineering)	
Xunmao Xia	Anhai, China
B.A., Shanghai Railway College; M.S., China Academy of Railways SC	
Dissertation: A Nonlinear Analysis of Closed Loop Driver/Vehicle Performance with Four Wheel Steering Control (Field of Specialization: Mechanical Engineering)	

## **COLLEGE OF FOREST AND RECREATION RESOURCES**

### **DOCTOR OF PHILOSOPHY Forest Resources**

John Hutton Syme	Seneca
B.S., Oregon State University	
Dissertation: A Profile of the Solid and Composite Wood Products Manufacturing Industry in South Carolina	

## COLLEGE OF SCIENCES

### DOCTOR OF PHILOSOPHY

#### Chemistry

- Duencheng Fang \_\_\_\_\_ Taipei, Taiwan  
B.S., Fu Jen Catholic University; M.S., National Taiwan Normal University  
Dissertation: Sputtering and Excitation Characteristics of Simple, Diode analytical Glow Discharge Devices
- Farhad Forohar \_\_\_\_\_ Borujerd, Iran  
B.S., Seton Hall University; M.S., New Jersey Institute of Technology  
Dissertation: Studies on the Chemistry of Perfluorovinylsulfonyl Flouride
- Tung-Ming Hsiung \_\_\_\_\_ Taipei, Taiwan  
B.S., Chung Yuan Christian College; M.S., Clemson University  
Dissertation: The Manganese Chemistry at Lake Richard B. Russell
- H. Howard Joyner, Jr. \_\_\_\_\_ Rocky Mount, N. C.  
B.S., East Carolina University  
Dissertation: New Synthetic Approaches to Cannabinoids
- Stefan Paul Kotun \_\_\_\_\_ Hagerstown, Md.  
B.S., Virginia Polytechnic Institute & State University  
Dissertation: Superacid-Induced Ring-Opening Reactions of Fluorinated Heterocycles and Chemistry of Alkoxyamines
- Fritz Moise, Jr. \_\_\_\_\_ Port-au-Prince, Haiti  
B.S., Bob Jones University  
Dissertation: Reactivity and Coordination of Multidentate Open-Chain Amines and Related Group 15 Ligands with Organoaluminum Species
- Mark Finley Self \_\_\_\_\_ Rock Hill  
B.S., Winthrop College  
Dissertation: The Syntheses and Characterization of Novel Group 13 Metal Coordination Complexes of Multidentate and Macroyclic Group 15 Ligands
- Michael Ralph Winchester \_\_\_\_\_ Waynesville, N. C.  
B.S., Western Carolina University  
Dissertation: Development and Application of Glow Discharge Devices as Atomization/Excitation Sources for the Direct Analysis of Electrically Nonconductive Solids

#### Mathematical Sciences

- David Dean Brown \_\_\_\_\_ Greenville  
B.S., Bob Jones University; M.S., Clemson University  
Dissertation: Iterated Presentations and Module Polynomials over Extensions of Finite Fields

#### Physics

- M. Amanda Clark \_\_\_\_\_ Beaverton, Ore.  
B.A., Georgetown University; M.S., Clemson University  
Dissertation: Observations and Theoretical Studies of Tides and Normal Modes in the Lower Thermosphere

#### Zoology

- Gene Wilbur Eidson \_\_\_\_\_ Aiken  
B.S., University of South Carolina-Columbia; M.S., Clemson University  
Dissertation: The Effect of Dietary Protein and Culture Water on *Ceriodaphnia reticulata* to Growth, Reproduction and Sensitivity to a Standard Reference Toxicant

## CANDIDATES FOR EDUCATION SPECIALIST AND MASTERS' DEGREES

FARRELL BLENN BROWN, Acting Dean, Graduate School

### COLLEGE OF AGRICULTURAL SCIENCES

#### MASTER OF AGRICULTURAL EDUCATION

Clarence Michael Payne \_\_\_\_\_ Lancaster

#### MASTER OF SCIENCE

##### Agricultural Economics

Russell Thomas Caplen	Staunton, Va.	Sakalasooriya Mudiyanselage Ananda Weliwita
Carlos Guillermo Haeberle		Kandy, Sri Lanka
	Buenos Aires, Argentina	
Anne Jacqueline Pouliquen	Ploudiry, France	Thad Alan Williams _____ Britton's Neck

##### Animal and Food Industries

Shih-Chen Chan	Taipei, Taiwan	Anne Marie Utter _____ Poughkeepsie, N. Y.
Michael David Fanning	San Angelo, Texas	Delene M. Vollenweider _____ Dallas, Ga.
LaWanda Beth McClimon	Greer	

##### Aquaculture, Fisheries, and Wildlife Biology

Samuel Jackson Chappellear	Madison, Ga.	Christopher John Kempton _____ Six Mile
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##### Horticulture

April Bickel Warner \_\_\_\_\_ Clemson

### COLLEGE OF ARCHITECTURE

#### MASTER OF ARCHITECTURE

John Allen Drake	Simpsonville	Clay Lonnie Shackelford _____ Wauchula, Fla.
Debra Anne McFalls	Summerville	Julie Poe Wilkerson _____ Birmingham, Ala.
Curtis LaRue McKenzie	Conway	

#### MASTER OF BUILDING SCIENCE AND MANAGEMENT

Kimberly S. Francisco	Hastings, Mich.	James Lance Roberts _____ Haverhill, Mass.
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#### MASTER OF CITY AND REGIONAL PLANNING

Patti R. Wilson \_\_\_\_\_ Barbourville, Ky.

#### MASTER OF FINE ARTS

Judith Johnson Williams \_\_\_\_\_ Greenville

### COLLEGE OF COMMERCE AND INDUSTRY

#### MASTER OF BUSINESS ADMINISTRATION

Rebecca Ann Ballenger	Greenville	Dale Michael McClelland _____ Greenville
W. Joseph Beauvais	Canton, N. Y.	Scott Douglas Miles _____ Gaithersburg, Md.
James Ira Bedenbaugh	Laurens	Rondi Elizabeth Miller _____ Rockville, Md.
Sonia Rai Bhave	Bhopal, Madhya-Pradesh	Merlin Eugene Monroe _____ Greenville
James Alvin Cannon, Jr.	Spartanburg	Mary-Michelle Hallas Moody _____ Greenville
Todd David Danielson	Spartanburg	Susan Nicole Nanney _____ Chester
Sneha Thakor Desai	Greer	Miles Heath Nason _____ Greer
James Arthur Fishpaw	Bucyrus, Ohio	Susan Cartwright Olive _____ Clemson
Martin M. Flynn	Longford, Ireland	Monique Otegui _____ Fairfax, Va.
George David Ford	Simpsonville	Roberta Powell Rohrer _____ Greer
Michael David Freeman	Coweta, Okla.	Joseph Huburn Shadden _____ Greenville
Roderick August Hochmuth	Greer	Jacquelyn Elizabeth Smith _____ Anderson
Janey Jones House	Greenville	Mary Sue Tisdale _____ Greenville
Miren Ivankovic	Rijeka, Yugoslavia	Edward Joseph Treglia _____ Easley
Kelly Karlyn Kirby	Seneca	Stephen Horace Watson _____ Greenville
Bruce Russell Lockhart	Spartanburg	Chuanchi Yuan _____ Taipei, Taiwan
Sy-Jenq Loong	Easley	

**MASTER OF PROFESSIONAL ACCOUNTANCY**

Ashleyann Clement	New Orleans, La.	Deborah Darley Mack	Hagerstown, Md.
Deborah Byrum Clever	Hartwell, Ga.	Keh-Jiann Pan	Taipei, Taiwan
David Edward Dorman	Gaffney	John Leece Roberts	Charleston
Daniel Roy Grover	Clemson	Kirsten Maria Torbahn	Greenville
Richard Henry Houvener	Greenville	Roy Edward Weathers, Jr.	Blacksburg

**MASTER OF ARTS****Economics**

Alan Dean Berry	Columbia	Kevin Stephen Jullion	Freeport, GB, Bahamas
Brett Allison Dalton	Pickens	Herbert Clay Purvis	Anderson

**MASTER OF SCIENCE****Industrial Management**

Stanley Earl Garrett	Laurens	Lin-En Kuo	Taipei, Taiwan
Laurie Suzette Hutchins	Spartanburg	John Darryl Marshall	Pickens
Manohar Prasad Kapile	Kathmandu, Nepal		

**COLLEGE OF EDUCATION****EDUCATION SPECIALIST****Administration and Supervision**

Ronnie Wayne Fowler	Williamston
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**MASTER OF EDUCATION****Administration and Supervision**

Carl Van Bowers	Travelers Rest	Lee Ann Clary Qualkinbush	Anderson
Bonnie Rabon Corbitt	Greenwood	William Harold Shirley, Jr.	Belton
Robert Lee Davis	Greenville	Melanie Quinn Wall	Newberry
Clifford Ronald Peeler	Greenwood		

**Counseling and Guidance Services**

Nancy Cleveland Ayers	Hartwell, Ga.	Janet Knight Linder	Belton
Gina Anne Chapman	Belton	Wyman Tracy Merck	Six Mile
Doris Wright Curenton	Greenwood	Carole Slice Phillips	Anderson
Stephanie Marie Grogan	Clemson	Nancy Watson Presnall	Taylors
Denise Annette Hamilton	Brevard, N. C.	Sharon Izalia Reynolds	Due West
Charles Henderson	Seneca	Donnie Edward Smith	Greenville
Thomas Rocky Holliday	Central	Patricia Joseph Ward	Saluda
Edna LaFawn Hughes	Greenville	Madge Windham Zemp	Hartsville
Robin Rodgers Kubler	Marietta		

**Elementary Education**

Karen Kirsch Ables	Seneca	Wanda Lynn Chamblee	Anderson
Vivian James Anders	Piedmont	Lori Quarles Cothorn	Greenwood
Kimberly Allen Beard	Central	Brenda Nelson Mays	Whitmire
Andrea Shearin Benfield	Toccoa, Ga.	Virginia Sadlowski Ragsdale	Easley

**Reading**

Karen Renee Phelps	Anderson	Cheryl Summerford Rochester	Toccoa, Ga.
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**Secondary Education**

Michelle Bolton Fairfax	Clemson	Laurie Ann Malpass	Clemson
Georgette Wright Fallow	Anderson	Sharon Phillips Willis	Easley

**Special Education**

Wanda Burdette Wingate	Anderson
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### MASTER OF INDUSTRIAL EDUCATION

Omobolaji Adeola Awolola	Basil Edwin Hall	Central
Ora-Igbomina, Oyo State, Nigeria	John Gary Evans Harrison III	Varnville
Anthony Wayne Belcher	Jack Smead Jolley, Jr.	Simpsonville
Joan Lucille Boehm	William Roy Kelly	Townville
Rhonda Hall Cartee	Troy Michael Leib	York, Pa.
Jon Patrick Dever	John Richard Mahon, Jr.	Easley
Susan Redfern Floyd	Susan Hicks Miller	Anderson
Rae Fuller-Danielson	Janie Ellen Reid	Pelzer
Mary Frances Costello Griffin	Julie Miller Summers	Sumter

### COLLEGE OF ENGINEERING

#### MASTER OF ENGINEERING Electrical Engineering

Stephen Sheridan Doyle	Lisle, Ill.	Donald Frederick Jensen, Jr.	Nottingham, N. H.
Russell Kevin Fairchild	Oklahoma City, Okla.	Thomas Edison Nelms, Jr.	Pickerington, Ohio
Paul David Francis	Lorain, Ohio	Ronald Douglas Phillips	Arvado, Co.

#### MASTER OF SCIENCE Bioengineering

Jun Yang \_\_\_\_\_ Shanghai, China

#### Ceramic Engineering

Ching-Hsien Li	Taipei, Taiwan	Eduardo Sereno-Gomez	Morelia, Mexico
Eugene Scott Marlar	Simpsonville		

#### Chemical Engineering

Edward Gombert Aufeldish	Wickliffe, Ohio	Ashay Arvind Dani	Bombay, India
Mark Logan Crowder	Terre Haute, Ind.		

#### Civil Engineering

Nancy Jane Baker	White Marsh, Va.	Xin Hai Huang	Shanghai, China
Patterson Xuan Vu Gambill	N. Charleston		

#### Computer Engineering

Zuoping Han	Yinchuan, China	Daniel John Snider	Syracuse, N. Y.
Mark Wayne Jensen	Clemson	William Francis Sulzen	Barnwell

#### Electrical Engineering

Henry Rufus Caughman III	North	Pratyush Vinay Moghe	Bombay, India
Manutschehr Daemi-Aval	Hannover, Germany	Srihanto Ary Nugroho	Jakarta, Indonesia
Christopher Michael Fallon	Audubon, N. J.	George Lewis Ray	Isle of Palms
Regan Burton Haines	Tampa, Fla.	James Douglas Reames	Springfield, Va.
Naved Husain	Clemson	Arum Srinivasa	Bangalore, India
Anand Janaswamy	Bangalore City, India	David Franklin Taylor	Tuxedo, N. C.
Venkata S. R. Medapati	Hyderabad, India	Alene Catherine Weber	North Augusta

#### Environmental Systems Engineering

Manjunath Aswathanarayana Gokare	Bangalore, India	Michael Todd Scott	Greenville
Delores Brannon Lamb	Easley	David Stone Travis, Jr.	Allendale
Mark Alan Lancaster	Greenville	Brian Steven West	Roanoke, Va.
Barry Mark Lineberger	Kings Mountain, N. C.	Tyrus Kon Ziegler	Canon City, Co.

#### Industrial Engineering

Wei-Rur Jimmy Chen	Taipei, Taiwan	Jayadev Velury	Hyderabad, India
Niranjan Murthy Subramanian	Madras, India		

#### Mechanical Engineering

Vijay Kumar Venkata Basavaraju	Hyderabad, India	Christophe Dugail	Blois, France
Sandip Datta	Clemson	Ajay Mysore Gopalswamy	Bangalore, India
Manish S. Deshpande	Poona, India	Srikanth Krishnamoorthy	Madras, India
		Gadiraju Narasimham	Kurnool, India

## **COLLEGE OF FOREST AND RECREATION RESOURCES**

### **MASTER OF PARKS, RECREATION, AND TOURISM MANAGEMENT**

Harry Robert Hafer \_\_\_\_\_ Brandywine, Md.

### **MASTER OF SCIENCE Forest Resources**

Jo Anne Bailey	Bristol, Tenn.	Thomas Frederick Ruckelshaus	Aiken
Barbara Sue Crane	Wharton, N. J.		

## **COLLEGE OF LIBERAL ARTS**

### **MASTER OF ARTS English**

William Cary Clay	Long Creek	Fred Ward Sahms	Greenville
Julie Anne Ellington	Pendleton	John Terry Thompson	Clemson
Bradley Roy King	Seneca		

### **History**

Christine Marie Brogdon	Mt. Pleasant	Elizabeth Jo Steedly	Bamberg
Yuwu Song	Beijing, China		

## **COLLEGE OF NURSING**

### **MASTER OF SCIENCE Nursing**

Lisa Renee McAmis	Greenville	Sherril Kay Steele	Greenville
Gordonna Metcalf Pittman	Asheville, N. C.		

## **COLLEGE OF SCIENCES**

### **MASTER OF SCIENCE Chemistry**

Joseph Martin Beckert	Charlotte, N. C.	Reinaldo Gustavo Nieves-Ramirez	
			Mayaguez, P. R.

### **Computer Science**

Satish Krishnaswami Dharmaraj	Clemson	Christine Grewcock Reynolds	Clemson
Veera Sekhararao Muddana	Guntur, India	Charles Steven Summers	Clemson
Sridhar Narayan	Rourkela, India		

### **Mathematical Sciences**

Christopher Ronald Lee \_\_\_\_\_ Northfield, Minn.

### **Physics**

Dennis Carl Dinge	Ridgeville	Yawteng Tseng	Clemson
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### **Zoology**

Joseph Drew Lanham	Seneca	Renee Marie Tauber	Bel Air, Md.
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## CANDIDATES FOR BACHELORS' DEGREES

### COLLEGE OF AGRICULTURAL SCIENCES

THOMAS ROSS WILKINSON, Dean

#### BACHELOR OF SCIENCE

##### Agricultural Economics and Rural Sociology

Phillip Glen Krohn	Clemson	**Theo Reginal Williams, Jr.	Edgefield
Brian Ray Stoddard	Gray Court		

##### Agricultural Mechanization and Business

Jeffrey Everett Angle	Layton, N. J.	Charles Michael Davis	Lexington
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#### Animal Industries

Stephen Stewart Hucks	Florence	John Barrett Van Dame, Jr.	Landsdale, Pa.
Laura Lynn Smith	Clemson	Kristina Llewellyn Williams	Spartanburg
Emily Morse Southerland	Greenwood		

#### Aquaculture, Fisheries, and Wildlife Biology

Larry Brian Grant	Charleston	Robert Sinclair Powell	Columbia
Terrence William Greene	Lake Wylie	Charles Finley Wood	Westminster

#### Entomology

*Samuel Benson Hudson, Jr.	Sumter
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#### Food Science

Jesse Andrew Lewis	Prosperity	*Sharon Renee Parker	Florence
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#### Horticulture

Patrick Hogan Burgess	Spartanburg	Adrienne Meshelle Jones	Florence
*Robert Christopher Davenport	Clemson	Garry Legnani	Southington, Ct.
Mark Alan Ferguson	Pembroke Pines, Fla.		

#### Packaging Science

Todd Gregory Miller	Greer	Kathryn Lynn Parish	Mauldin
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## COLLEGE OF ARCHITECTURE

JAMES FRAZIER BARKER, Dean

#### BACHELOR OF ARTS

##### Design

Linda Susan Fox	Greenville	Jonathan Woodman Ross	Madison, Ct.
Linda Karen Lee James	Cleveland	Carrie Louise Schultz	Columbus, Ind.
Matthew Joseph Mattox	Clemson	Carl Stephen Sobocinski	Durham, N. H.

#### BACHELOR OF FINE ARTS

Anne-Renee Rohe	Stevensville, Md.	Debbie McCorkle Sherwood	Seneca
*Deborah Dee Rossi	Basking Ridge, N. J.		

#### BACHELOR OF SCIENCE

##### Building Science and Management

Jay Charles Ankers	Charlotte, N. C.	Anita Catherine Fox	Sayreville, N. J.
John Verdin Cox	Hampton	David Michael Hill	Gastonia, N. C.
Derek Edgar Dittner	Severna Park, Md.	Charles Douglas Price, Jr.	Chester
Douglas Peter Fletcher	Huntington, Ct.	William Todd Walker	Florence

**Design**

Eric Andrew Belecanech	Sykesville, Md.
*Renee Gabrielle Binder	West Union
Brenda Quarles Cox	Johnston
Jeffrey Thomas Del Sordo	Morristown, N. J.
Steve Dubiago	South River, N. J.
Tanya Anne-Bartels Faulkenberry	Carlsbad, Ca.
Scot Edward Foster	Wheeling, W. Va.
Theodore Heineken Gates	St. Petersburg, Fla.
Mark Wayne Hefley	Lancaster
Michael Robert Henricks	Six Mile

Richard Allen Howell	Taylors
Michael McKinney Jordan	Anderson
Hector Javier Martinez	Rio Piedras, P. R.
Marty Dale Mauldin	Iva
Warren Edward McCutchen	Atlanta, Ga.
John George Morris	Charleston
Jayne Elizabeth Polk	Islandton
*Randall Wade Smith	Greenville
John Douglas Tucker	Springfield, Va.

**COLLEGE OF COMMERCE AND INDUSTRY**

RYAN CUSTER AMACHER, Dean

**BACHELOR OF ARTS  
Economics**

Joseph James Cresto	Waukegan, Ill.
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Arnold Haehner	San Jose, Costa Rica
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**BACHELOR OF SCIENCE  
Accounting**

George Michel Aboujaoude	Broumana, Lebanon
Michele Baggette	Branchville, N. J.
Michelle June Beckner	Canton, Ohio
Carole Ann Boatwright	Kingtree
Jeffrey Todd Brodmerkel	Clover
William Norman Carter, Jr.	Greenville
Mary Melissa Ford	Kernersville, N. C.
†***David Walter Garrison, Jr.	Orangeburg
Samuel Ray Head	Walhalla
Catherine Lane Hurst	Hartsville
Anthony Carlisle Hutchinson	Anderson
Alicia Laine Jackson	Spartanburg
Lois Alisa Magwood	Huger
Richard Wayne Merritt	Piedmont
*Kevin Hancock Muller	LaGrange, Ga.

*Jonathan Edward Mumma	Greenville
Mark Willson Paolillo	Nokomis, Fla.
Carl Wesley Phillips	Lynchburg
George Harold Randlett III	Forest City, N. C.
Angela Sanders Robertson	Greenwood
Traci Elizabeth Rodgers	Taylors
William Aiken Russell III	Moncks Corner
†**Keith Gregory Thompson	Anderson
Brenton Quaid Todd	Seneca
Veronica Walker	Columbia
Joseph Eugene Williams	Clemson
Lori Elizabeth Wilson	Anderson
Juanita Louise Woods	Anderson
Susan Elizabeth Youngblood	Fort Mill

**Economics**

Timothy Wrenn Bagley	Columbia
Robert Douglas Hilliard III	Manchester, N. H.
Peter James Newell	Marion

*Edwin Dwain Pitman	Greenville
Lynn Holmes Smith, Jr.	Burke, Va.

**Financial Management**

George Lewis Argoe	Orangeburg
Phillip Gregory Argus	Palmyra, N. Y.
Melanie Rose Brogdon	Buford, Ga.
Angela Dell Brown	Anderson
***Jill Cabe Brown	Brevard, N. C.
Patrick Lee Coffee	Maryville, Tenn.
Robert Hayden Evans, Jr.	Red Bank, N. J.
David Smythe Flynn	Norwood, Mass.
Arlena Shujuan Hawthorne	Anderson
Brian Jeffrey Heinbaugh	Fort Mill
Richard Brian Herring	Basking Ridge, N. J.
William Tindall Howell, Jr.	Walterboro
Ashlie Anne Jackson	Spartanburg
Larry Scott Jefferaux	Greenville
Wayne Allen Jenness	Hampton
William Ward Jeremiah	Westfield, N. J.
Julie Lynn Johnston	Dayton, Ohio
Allen Clifford Jones	Dunwoody, Ga.
Todd Derek King	Frederick, Md.
Georgia Eleana Kopelousos	Jacksonville, Fla.

Kimberly Marie Leon	Georgetown
Jason Mitchell Lowery	Kershaw
William Norris McLean	Orangeburg
James Beatty Meany II	Charlotte, N. C.
John David Monroe, Jr.	Columbia
*Charles Samuel Netterville	Swainsboro, Ga.
William Scott Neumann	Newtown, Pa.
Jeffrey John Phillips	New Milford, Ct.
Steven Martin Putnam	Syracuse, N. Y.
Michael Edgar Quattlebaum	Pendleton
John Garrett Schade	Stone Mountain, Ga.
Stephen Allen Schroeder	Glen Ridge, N. J.
**James David Sudduth	Greenville
James Arthur Thomas, Jr.	North Augusta
Jeffrey Scott Tollison	Laurens
Kimberly Anne Troy	Charleston
Anne Marie Valdes	Mauldin
Ben Carl Wethington III	Simpsonville
Wells Franklin Whaley	Lexington

### Industrial Management

James Leo Alexander	Pickens	Rennae Evelyne Mangum	Columbia
Thomas Amato, Jr.	Oyster Bay, N. Y.	William Fritz Mays, Jr.	Wichita Falls, Texas
Tracy Mack Brown	Bethune	William Ernest Palmer	Orlando, Fla.
Cathryn Lynn Case	Charlotte, N. C.	Mauro Alberto Rainis	Milan, Italy
Brian Troy Chambers	Anderson	Chris Editor Salley	Blackville
*Michelle Marie Demmerle	Lakewood, Ohio	Patricia Lynn Sample	Charleston
Brent Arthur Fidler	Newton, N. C.	Kenneth Leland Smith, Jr.	Six Mile
Walter Ballew Goldsby	Satellite Beach, Fla.	Richard Smith, Jr.	Columbia
James Emmett Holstein	Orangeburg	Jesse Gus Turner, Jr.	Columbia
Angela Dawn James	Waynesville, N. C.	Roger Chadwick Walker	Anderson
Russell Scott Jones	Pickens	Kellye Renea Whitaker	Walterboro
David Brian Laird	Columbia	Mark Welsh Wollenhaupt	Rochester, N. Y.

### Management

Douglas Bradley Baker	Fairfax, Va.	Joseph William Hummel	St. Louis, Mo.
Hancel Andrew Beckworth	Oakton, Va.	Richard Lee Jones	Pendleton
William Lee Bell	Columbia	Mary Helen Karam	Greenville
Mitch Demetrius Belton	Columbia	Michael Lee Kimbrell	Charleston
Scott Davis Beville	Ocala, Fla.	Mary Leigh Marlowe	Charleston
Donna Lisa Brown	Greenville	Todd Michael Massenburg	Holly Hill
William Hamilton Brown	Columbia	Amanda Lynn McCollum	Pickens
Kimberly Ann Caulfield	Greenville	Charles Glen McCurley	Anderson
Mark Allen Chriscoe	Gloucester, Va.	Susan Hixon McDaniel	Kingsport, Tenn.
Darby Brent Clark	Kershaw	Shannon Lea Mehaffey	Atlanta, Ga.
Michael Allen Clark	Fort Myers, Fla.	Katherine Ann Michels	Spartanburg
Douglas Todd Collins	Batesburg	Pamela Elise Morris	Greenville
Joseph Terrell Cook, Jr.	Matthews, N. C.	Timothy A Moser	Greenville
*Karen Lynn Crider	Orangeburg	Alan Gregory Nix	Easley
Jared Edwin Daum	Harrisburg, Pa.	James Eric Nix	Anderson
Cory Charles Deermount	Basking Ridge, N. J.	Suzanne Marie Noonan	Philadelphia, Pa.
Victor Barry Dukes	Orangeburg	David Wayne Puckett	Charlotte, N. C.
Russell Keith Evans	Anderson	Keith Karl Sessions	Monroe, Ga.
Rodney Fletcher	Barnesville, Ga.	Daniel Warren Sizer	Hendersonville, N. C.
Derek Kint Forrest	Bascom, Fla.	Robert William Spector	Calhoun, Ga.
Christine Anne Forshee	Marietta, Ga.	Todd Eric Sterchi	Winston-Salem, N. C.
Carlette Daniele Frailey	Anderson	Henry Fitzgerald Threadgill	Whiteville, N. C.
Blake Pullen Garrett III	Fountain Inn	Heidi Elizabeth Tribbett	Greenville
Pitts Monroe Harris	Sumter	David Charles Veghte	Clearwater, Fla.
Brandon Anthony Hayes	Pickens	Kevin Ray Webster	St. Matthews
John Thomas Hipp, Jr.	Greenwood	Burditt William Welch	Rock Hill
Amy Christine Holder	Pickens	†Ann Marie Williams	Rock Hill
Elizabeth Ann Holland	Athens, Ga.	Janet Lynn Williams	Rock Hill
Michael Lee Holliday	Liberty		

### Marketing

Norman James Abraham II	Jacksonville, Fla.	Roger Logan Jones	Occoquan, Va.
Cheryl Lynn Ashley	Anderson	Janet Marie Jordan	Clemson (Degree awarded posthumously)
Tammy Elizabeth Blanton	Nichols	Diana Lynn Knapp	North Augusta
Marci Lynn Boling	Charlotte, N. C.	Dean William Outhous	Berwyn, Pa.
Alan DeWayne Botkin	West Palm Beach, Fla.	Leisa Jane Patterson	Anderson
Kevin Wayne Bray	Harrisburg, Pa.	David Charles Poel	Denver, N. C.
Jerome Warren Burke, Jr.	Fountain Inn	William David Rochester	Martinsville, N. J.
Craig Martin Caputo	Sudbury, Mass.	Richard Henry Simonet, Jr.	Titusville, Fla.
Daniel Douglas Conrad	Spartanburg	Michael Dantzler Spiers	Cameron
Carol Lynn Cooke	Travelers Rest	***Donna Denise Sullivan	Arab, Ala.
Kimberly Michelle Cooley	Piedmont	Randall Brock Thomas	Greensboro, N. C.
Lynne Dawson	Mifflinburg, Pa.	Ann Phillips Traxler	Greenville
Randall Todd Dunlap	Greenville	Lisa Elaine Troublefield	Lancaster
Lori Jayne Dunn	Sharon, Pa.	Gregory Allen Wales	Seneca
Reginald DeVinci Hawthorne	Anderson	Andrew Paul Watson	Medford, N. J.
*Steven David Hill	Dunwoody, Ga.	*Ann Marie Williams	Rock Hill
Thomas Peter Hirsch	Central Islip, N. Y.		
Robert Culler Inabinet	Camden		

**Textile Chemistry**

David Scott Herbst \_\_\_\_\_ Central

**Textile Management**

Henry Murray Davis IV	Greenville	Jeffrey Dean McCarter	Clover
James David George	Gaffney	Denebola Lee McLean	Ware Shoals
James Vance Hancock	Greenville	Tonia Luprecia Williams	Florence
Peri Leah Koch	Cincinnati, Ohio		

**COLLEGE OF EDUCATION**

GORDON WALTER GRAY, Dean

**BACHELOR OF ARTS****Early Childhood Education**

Cynthia Brown Bailey	Anderson	Allyson Acker Lamb	Greenville
Mindi Gail Boling	Charlotte, N. C.	Shanna Joy Little	Jonesboro, Ark.
Elizabeth Paige Doolittle	Pomaria	Sharon Parnell Moore	Anderson
Kimberly Chaping Keaster	Pendleton	Stacie Annette Porth	Lexington

**Elementary Education**

Angela Hope Anderson	Spartanburg	Angela Kaye Moore	Walhalla
Amy Lynn Asher	Lexington, Ky.	Pamela Julia Moore	Rock Hill
Jill Ann Baldwin	Greenville	*Melanie Michelle Myers	Lynchburg
*Jackie Lynn Belger	Newberry	Audrey Lynne Peake	Columbia
Miriam Denise Chewning	Greer	Victoria Marianne Peter	Greenville
Krista Marette Cox	Hemingway	Kelly Michelle Powell	Fair Play
***Susie Terry Crumpton	Clemson	Kelly Reynolds Richards	North Augusta
Margaret Denise Bolt Fredericks	Anderson	*Angela Elizabeth Rivers	Columbia
Sherri Denise Gibson	Seneca	Pamela Jean Salley	Walhalla
Jennifer Caroline Gifford	Slingerlands, N. Y.	*Margaret Louise Steele	Beaufort
Jennifer Leigh Gipson	Atlanta, Ga.	**Susie Evelyn Evatt Turbeville	Piedmont
Sharon Janelle James	Camden	Carole Summers Turner	Greenville
*Susan Marie Lenning	Greenville	Cheryl Lynn Winchester	Sunset
*Andrea Kay Lister	Taylors	Mary Elizabeth Wyatt	Chester
Dawn Lynne Merritt	N. Fort Myers, Fla.		

**Secondary Education**

Rena Elizabeth Balcombe	Mauldin	Tammy Carolyn Hudgins	Columbia
****Robin S. Baumgarner	Piedmont	Mary Denise Joye	Mauldin
Sarah Mauldin Blackmon	Wall Township, N. J.	Stephen Kay Long	West Union
Richard Laurence Carrillo	Salisbury, Md.	Thomas Eugene Merritt	Easley
Brenda Lee Carter	Greenville	Linda Lee Moore	Greenville
***Paula Jean Clary	Anderson	Sandra Gail Newton	Willow Grove, Pa.
Audra Mishelle Dockins	Seneca	*Shannon Leigh Smith	Simpsonville
Audra Ann Gedmintas	Columbia	Mark Alexander Speir	Kannapolis, N. C.
**Audrey Rae Hamm	Moultonboro, N. H.	Rodney Marion Thompson	Summerville

**DOUBLE MAJOR****Secondary Education and History**

Brian Scott Jameson \_\_\_\_\_ Spartanburg

**BACHELOR OF SCIENCE****Graphic Communications**

Kimberley Joy Cribb	Darlington	Todd Emory Patat	Greenville
Leslie Christine Estes	Greenville	Ian Duncan Tolmie	Winston-Salem, N. C.
Amy Ann McSpadden	Anderson	Anthony Todd Turner	Spartanburg

**Industrial Education**

*Stacy Erwin Blahove	Goldsboro, N. C.	James Henry Phillips	Spruce Pine, N. C.
Julia Louise Greenwood	Beech Island	Randall Lyle Price	Gilbert
Jesse Lee Hatcher	Thomson, Ga.		

**Science Teaching**

Jennifer Lynne Breihan	Columbia	Jill Thomas O'Shields	Seneca
Christine Ann Butler	Columbia	Donna Ridgeway Richey	Williamston
Geoffrey Charles Doolittle	Gainesville, Fla.	Ashley Ann Wasson	Laurens
Carnita Strickland Foster	Anderson	Gregory Neal Yonce	Moncks Corner
Terri LaShawn Kenely	Sumter		

**COLLEGE OF ENGINEERING**

JOSEPH CHARLES JENNETT, Dean

**BACHELOR OF SCIENCE****Agricultural Engineering**

(Agricultural Engineering is jointly administered by the College of Agricultural Sciences and the College of Engineering.)

Betty Inez Newton	Pickens	Jeffrey Lloyd Young	Hendersonville, N. C.
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**Ceramic Engineering**

*James Robert Barrett III	Rock Hill
Kelly Grae Brown	Gaffney
John Michael Buckley	Newport News, Va.
Paul Bernard Caffrey	Charlotte, N. C.
Clyde Livingston Calhoun, Jr.	Charleston
Lesa Ann Crow	Cowpens
Thomas Edwin Dixon	Mullins
Nyles Lionell Ellefson	North Augusta
Johanna Martha Frecka	Cincinnati, Ohio
Bradley Burton Jones	Columbia
Sean Liam Jones	Spartanburg

James David McKeown	Columbia
†Shannon Leahy Namboodiri	Greensboro, N. C.
Timothy Daniel Nix	Anderson
Roy Thomas Oldaker	Greenville
Thomas Jonathan Pruitt	Anderson
*Karen Renee Rogers	West Columbia
Andrew Paul Smith	Savannah, Ga.
†Paul David Tennis	Summerville
*Edith Florence Tillinghast	Avoca, N. Y.
*Christopher Paul Wilson	Greenville

**Chemical Engineering**

John Astley deKrafft	Simpsonville
John William Fields	Cordova

John Barry Solesbee	Greer
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**Civil Engineering**

Pedro Nel Acosta	Spartanburg
Walter Louie Bentley III	Dunwoody, Ga.
*Deborah Lynn Brafford	Manchester, Md.
William Lee Brantley	Raleigh, N. C.
Philip Scott Bynum	Easley
Robert Todd Capps	Greenville
Richard Bruce Cook II	Abbeville
Patricia Alyce Feaster	Lake Wales, Fla.
Thomas Woodrow Feemster	York
Raul Armando Flores	Tegucigalpa, Honduras
James Christopher Gaddy	Chester
David Locke Glenn, Jr.	Lexington
Jonathan Lee Gragg	Shelby, N. C.
Timothy Richey Henderson	Moncks Corner
David Allen Herndon	Lancaster
Michael Ross Holt	Silver Spring, Md.
Durwood Coleman Hood	Moncks Corner
Jennifer Katherine Kramer	Woodbridge, Va.
Carrie Love Lynch	Maitland, Fla.
Robert William Lyons	Hauppauge, N. Y.
David Robert McDonald, Jr.	Galesburg, Ill.

Charles Smith Miller, Jr.	Lake View
William Thomas Mitchell	Laurens
Jodi Linn Newton	Greer
David Theron Pickens	Anderson
†Robert William Power	Cayce
Denise Finger Rettberg	Penn Yan, N. Y.
*John Wessley Rexrode	Gaffney
Charles Stephen Roach, Jr.	Easley
William Stephen Shehan, Jr.	Rutherfordton, N. C.
Tonyette Denise Simmons	Charleston
Joseph Herbert Skipper	Marion
*Gene Randy Smith, Jr.	Myrtle Beach
Sara Marie Spearman	Easley
James Berry Still	Chapin
Steven Lewis Thigpen	St. Marys, Ga.
Ricky Allen Tipton	Asheville, N. C.
William Todd Whittle	Hanahan
Dale Gibson Yakin	Greenville
*Danneen Marie Zeno	Hamilton Square, N. J.

**Computer Engineering**

Steven Roberts Durrill	Radford, Va.
Gregory Glenn Holliday	Easley
Timothy David Lynn	Greer
Galen Lane Nickel	Juneau, Alaska
William Chambers Powell III	Fairfax, Va.

Richard John Robinson	Kensington, Md.
†David Keith Todd	Raleigh, N. C.
Rodney Eugene Tuten	Hampton
Karen Lynn Yook	Oak Ridge, Tenn.

### **Electrical Engineering**

Jody Preston Abney	Graniteville	Mariam David Leviner	Fayetteville, N. C.
David Allen Altman	Lake City	Darrell Charles Llamas	Orlando, Fla.
William Kevin Blanks	Columbia	†**Thomas Stevens Massey	Memphis, Tenn.
Eric Daniel Bolin	Smyrna	Jon Alton McCain	Martinez, Ga.
Timothy Eugene Bradberry	Seneca	Sean Paul McLeroy	Atlanta, Ga.
*Regina Rose Brown	Taylors	Deborah Morgan Merck	Six Mile
Michael Ellison DeLoach	Varnville	Larry Milford Meredith, Jr.	Greenwood
Danny Eugene Easler	Spartanburg	Mark McCain Mitchum	Easley
Mary Lee Edmunds	Clover	Joyce Karen O'Quinn	Chapin
Mina Starr Freeman	Clemson	***Lisa Ann Pickelsimer	Brevard, N. C.
Arnold Wayne Fry	Abbeville	Paul Christopher Raines	Blacksburg
Archie Layman Harman III	Gilbert	†*Anne Marie Rankin	Aiken
*Samuel Buren Harrington III	Columbia	Scott Richard Robeson	Las Vegas, Nev.
Christopher Monroe Hickey	Laurel, Md.	Deborah Lynn Russell	Greeneville, Tenn.
David Michael Holub	Aberdeen, Md.	Michael Ray Stenman	Nampa, Idaho
†*Jason Michael Hopp	Charlotte, N. C.	Darci Evanna Stratton	Port Washington, N. Y.
Jeffrey Earl Isaac	Mt. Pleasant	**Jeffrey Scott Williams	Miami, Fla.
Padgett Dale Johnson, Jr.	Piedmont	†*Joseph Jarrald Woodcock III	Gaffney
Kevin Douglas Kerr	Charleston		

### **Industrial Engineering**

Michael Alan Brown	Inman	Linda Majel Metcalf	Seneca
Jeffrey Miles Buell	Richmond, Va.	Melissa Platt Moseley	Sandy Run
Tamara Lynn Holt	Spartanburg	Christopher Charles Raley	Miami, Fla.
Michael Wayland Johnson	Newtown, Ct.	Jay Thomas Ratliff	Florence
Eric Andrew Mader	Plymouth, Wis.	Benjamin Clay Rolston	Kingsport, Tenn.
Timothy Allen McKinney	Greenville	Rodney Steven Washington	Charleston

### **Mechanical Engineering**

Richard Curtis Albers	Valley City, Ohio	Allen Taylor King, Jr.	Charleston
**Michelle Marie Binder	West Union	Anthony Wayne Long	Greenville
Karl Heinz Buchanan	Greenwood	James Grayland McLeod	McBee
Christopher Michael Bugel	Hiawassee, Ga.	Mark Matthew Michel	Greer
D. Scott DeFlavis	Huntington Valley, Pa.	Michael Zan Morabit	Rock Hill
Michael George D'Hoore	Simpsonville	Charles Logan Murray	Charleston
Eric John Doesburg	Lawrenceville, Ga.	***Chettoor Govindan Namboodiri, Jr.	North Augusta
Robert Bradley Dover	Walhalla		Saegertown, Pa.
Nathaniel Wilson Dunlap III	Mauldin	*Deborah Valeria Pence	Easley
Vincent Legare Earls	Ladson	Bussy Jay Poston	Pamplico
Paul Lawrence Esser	Taylors	Samuel Dean Sewell	Simpsonville
David Norman Fisher	Sewickley, Pa.	Paul Haig Sinanian	Waldorf, Md.
Scott Jamison Glover	Charleston	Scott Ryder Smith	Reston, Va.
Brian Nash Grogan	North Augusta	Patrick Oscar Swanson	Spartanburg
David Judson Hall	Spartanburg	Timothy Michael Swicord	Summerville
Paul Andrew Howland	Canton, Ga.	James Edward Taliaferro II	Salem, Va.
†*Mark Alan Hucks	Columbia	James Andrew Thomas	Salisbury, Md.
William Phillip Ingmire	Goose Creek	James Gilliam Westmoreland, Jr.	Isle of Palms
*Holly Rebekah Jones	Brevard, N. C.		

## **COLLEGE OF FOREST AND RECREATION RESOURCES**

**BENTON HOLCOMB BOX, Dean**

### **BACHELOR OF SCIENCE**

#### **Forest Resource Management**

Jason Williford Adams	Columbia	David Richardson Welch	Concord, Mass.
David Edward Boone	Aiken		

### Parks, Recreation, and Tourism Management

Scott Montgomery Barham-Morgan	Marion	Charles Fletcher Lippincott	Anaheim, Ca.
Linda Lee Berry	Greenville	Laura Elizabeth Morgan	Ramsey, N. J.
Lisa Anne Bobby	Montville, N. J.	Jeri Lyn Oxford	Sullivan's Island
Kevin Franklin Brewer	Greenville	Dana Lee Smith	Woodruff
Blake Sandifer Campbell	Anderson	Dana Suzanne Sohm	Holly Hill
Larry Victor Clark, Jr.	Easley	Claudia Belinda Taylor	West Columbia
Jennifer Lynn Ham	Seneca	Julie Fowler Webster	Columbia
Leigh Anna Hughes	Piedmont	Gail Leslie Wilson	Charlottesville, Va.
Anne-Marie Kemp	Baltimore, Md.		

### COLLEGE OF LIBERAL ARTS

ROBERT ALFRED WALLER, Dean

#### BACHELOR OF ARTS

##### English

Estelle Marie Benson	Varnville
Alyson Jean Daichendt	Severna Park, Md.
***Charles Wade Emory, Jr.	Greenville
*George D. Flores	New Haven, Ct.
Mary Allyson Floyd	Lake City
Catherine Louise Flynn	Charleston
Julie Lynn Gibson	Hanahan
Joseph Ambers Gorman IV	Latham, N. Y.
David Franklin Hartle	Spartanburg
Scott Arthur Hartle	Spartanburg

Mary Louise Hucks	Aynor
Cy Charles League	Greenville
Laura Catherine McHugh	Greenville
Margaret McLeod	Chesterfield
Judith Wohn Nichols	Easley
*Christy Kay Noll	Lyman
**Amy Dawn Sheppard	Clemson
Reid Beauregard Sisson	Signal Mtn., Tenn.
David Eric Vassy	Gaffney

##### History

Mark Alan Adams	Clyde, N. C.
Christopher Lee Cartledge	Franklinton, N. C.
Kathryn Wates Crockett	Manassas, Va.
Jayson Allen Dunlap	Greenville

***Evelyn Nalley McCollum	Easley
John William Morgan IV	Columbia
Kimberly Lynn Pace	Clemson

##### Language and International Trade

*Andrea LaVelle Abercrombie	Greenville
Rene Reeves Bennett	Clemson
Lauren Virginia Burke	Brightwaters, N. Y.
Frank Daniel	Dillon
Kimberly Paige Loman	Columbia

Ellen Carroll Miller	Muncie, Ind.
Sally Catherine Stein	Anderson
*Stacy Faye Teague	Simpsonville
Phyllis Ann Tutterow	Taylors
Angela Dawn Whitfield	Anderson

##### Modern Languages

Winnette Maxine Malphrus	Garnett
Elizabeth Love Scott	Liberty Hill

**Michael Edward White	Westminster
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##### Political Science

Timothy Altland Blessing	Easley
Bradford Bonham Bowie	Easley
Harold Dean Campbell	Newberry
Debby Elizabeth Connelly	Pendleton
*Laura Lynn Hughes	Arnold, Md.
Benjamin Jackson Kolb, Jr.	Beaufort

William Markham Little	Greenville
Carl Edward Poole III	Charleston
Monicia Lucretia Apolloetta Robinson	
	Anderson
Terrell James Singleton	Walhalla

##### Psychology

Dana Estee Anderson	Annapolis, Md.
Nina Carolyn Bizzell	Greenville
Richard Austin Brown	Anderson
Caryn Jean Capriotti	Miamisburg, Ohio
Anne Randolph Clark	Cincinnati, Ohio
Christopher George Dumouchel	Rutland, Vt.

Mischelle Marie Hall	Myrtle Beach
Kristi Walters Martin	Anderson
Joi Marie Martinez	Orangeburg
James Luther Morton	Clemson
Connley Britt Skeen	Anderson

**Sociology**

Paige Cromer Aman	Newberry	****Theresa Ilene Liska	Central
**Cinnamon Noel Ashley	Honea Path	Edward Jerome Richardson, Jr.	Danville, Va.
Legare Hamer Calhoun III	Clio	Charles Louis St. Clair Smith	Columbia
Kathryn Anne Holland	Hollywood, Fla.	Kevin Connor Taylor	Pittsburgh, Pa.

**DOUBLE MAJOR****English and History**

Sharon Hazel Little	Greenwood	Richard Alan Parker	Clemson
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**Psychology and Sociology**

Laura Allison Foster	Greenville
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**COLLEGE OF NURSING**

OPAL SHEPARD HIPPS, Dean

**BACHELOR OF SCIENCE****Nursing**

*Patsy Lynne Burnett	Seneca	Lisa Susan Shaw	Atlanta, Ga.
Barbara Jeanne Gore	Sumter	Gina Marie Shy	Cedar Park, Texas
Lucia Faye Griffin	Lamar	Ruth Leigh Stockdell	Chapin
Denise Marie Kiser	Woodhaven, Mich.	Deborah Ann Tallarico	Greenville

**COLLEGE OF SCIENCES**

BOBBY GUINN WIXSON, Dean

**BACHELOR OF ARTS****Geology**

Christine Young Thompson	Liberty Hill
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**Mathematical Sciences**

Gregory Lee Strickland	Anderson
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**Physics**

Carey Johanson Johnson	Atlanta, Ga.
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**BACHELOR OF SCIENCE****Biochemistry**

Steven Richard Kopp	Spartanburg
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**Biological Sciences**

Thomas Cole Bristow III	Columbia	*Rachelle Linne Michelis	Tampa, Fla.
Jonathan David Costello	Orient, N. Y.	Ricky Edward Moseley	Belton
Amy Frances Joye	Columbia	Craig Anthony Sommers	Clemson
*Patti Alecia Kirby	Honea Path	Jolanda Michelle Warren	Seneca

**Chemistry**

Stacey Ann DeCrisci	Ocean Ridge, Fla.	Julie Anne Kender	Clarksville, Tenn.
Angela DeNise Gaines	Seneca	Robert Archibald McIntyre	Silver Spring, Md.

**Computer Information Systems**

Jason Christopher Black	Charleston	Robert Lewis McGill III	Central
Marcia Diane Fletcher	Baltimore, Md.	Mitchell Scott Painter	Easley
**Kathy Ann Grubbs	Southfield, Mich.	Eric William Stamps	Summerville
David Eric Hermann	Malvern, Pa.		

### **Computer Science**

Christopher James Behrens	Seneca	Dan William Russell	Greenville
Stonewall Jackson Craig III	Spartanburg	Lawrence Whitney Salomon, Jr.	Burton
*David L. Kasir	Greenville	Shannon Dean Smith	Spartanburg
*Peter Ian McKinney	Tallahassee, Fla.	Roy Allen Timm	Summerville
Suzanne Rees Mitchell	Chevy Chase, Md.	Tim James Tumlin	Easley
Robert Ralph Morris	Babylon, N. Y.	Cynthia Carole White	Greenwood
*Bryan Wilson Russell	Houston, Texas		

### **Geology**

Jerry Paul Moore	Seneca
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### **Mathematical Sciences**

Adrienne Michelle Aucoin	Columbia	Tonnia Terria Johnson	Cottageville
**Davy Lee Bannister	Belton	*Barry Steven Looper	Greenville
Sonya Virginia Bowens	Georgetown	Charleen Kay Mojwid	Summerville
Angela Denise Holland	Seneca	David Russell Seegars	McBee
Carol Anne Holliday	Rock Hill	†***Glenda Oliver Tennis	Beaufort

### **Medical Technology**

George Douglas Adams	Abbeville
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### **Microbiology**

Elizabeth Clay Anderson	Mauldin	Kimberly Suzanne Mann	Martinsville, N. J.
*Kevin Chadwick Bright	Greenville	Erik Frederick McCraw	Peachtree City, Ga.
*James Arthur Carroll	Columbia	Suzanne Milleah Park	Cayce
Kim Michelle Gilbert	Westminster	Rebecca Virginia Simons	Clemson
Tracy Francine Hutcheson	Virginia Beach, Va.	Stephanie Lynn Vincent	Gaffney
Lisa Renee Lund	Racine, Wisc.		

### **Physics**

James Thompson Beckley	Lake Forest, Ill.	**Theodore James Schindler	Clemson
*Shawn Patrick Murphy	Orlando, Fla.		

\*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

†Senior Departmental Honors: The students so designated have earned a B or better in the six to twelve credits of honors work at the upper division level in a program designed by their department. They have maintained a minimum GPR overall of 3.40. They appear in the line of march with an honors medallion on an orange and purple ribbon.

## 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; but 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 (charge d'affairs 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 South Carolina's John C. Calhoun, a 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 ten major academic units. These are the College of Agricultural Sciences, the College of Architecture, the College of Commerce and Industry, the College of Education, the College of Engineering, the College of Forest and Recreation Resources, the College of Liberal Arts, the College of Nursing, the College of Sciences, and the Graduate School.

The institution is an accredited member of the Southern Association of Colleges and Schools; various curricula are accredited by the National Architectural Accrediting Board, National League for Nursing, Society of American Foresters, American Assembly of Collegiate Schools of Business, Accreditation Board for Engineering and Technology, and National Council for Accreditation of Teacher Education.

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

A. C. Corcoran, '19

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 great 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.

Jan. 3, 1991