

12-15-1988

Clemson Commencement Program, December 1988

Clemson University

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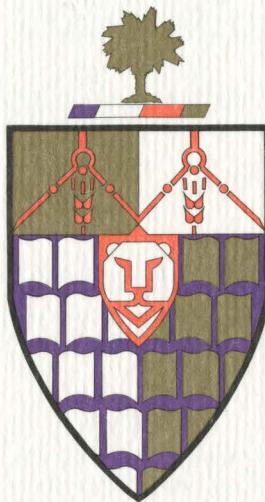
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CLEMSON UNIVERSITY

Graduation Exercises

December 15, 1988

Clemson, South Carolina

CENTENNIAL
1889-1989

Graduation

Thursday, December 15, 1988

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 Timothy Willis
Baptist Student Union

Conferring of Honorary Degree

President Max Lennon

Address to Graduating Class

Warren H. Owen
President, Alumni Association

Recognition of President's Award Recipient

Conferring of Degrees and Delivery of Diplomas

President Max Lennon

Benediction

Frank W. Breazeale, Organist

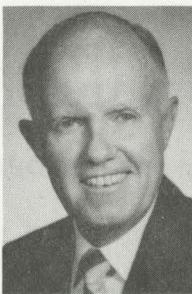
Kevin Davidson, Soloist

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 WARREN H. OWEN DOCTOR OF LAWS

Clemson alumnus Warren H. Owen is one of the top corporate leaders of Duke Power Company at its headquarters in Charlotte, N. C.

Mr. Owen is executive vice president of the company's power group, which involves overall responsibility for engineering, construction, production, and generation and information services. But as busy as he is, he always has time for Clemson. He is known as one of the University's most dedicated and enthusiastic alumni and is currently serving a second term as president of the Clemson Alumni Association and the Alumni National Council. He also has served on the College of Engineering Advisory Board and on search committees which have filled three executive level positions at Clemson University.

He played a crucial role in the highly successful campaign among Duke Power employees which raised \$1.3 million for academics at Clemson. The Duke Power/Clemson University Campaign was in celebration of the University's Centennial. On Nov. 29 one of the distinguished professorships to be funded from the campaign was named the Warren H. Owen Distinguished Professorship of Engineering in his honor — an action which underscores the high esteem in which he is held both by colleagues and employees at Duke.

Mr. Owen earned his bachelor's degree in mechanical engineering, graduating in 1947 with high honors. He joined Duke Power Company as an engineer in the steam production department the following year and served in various positions before being assigned to the general office in 1954. He was transferred to the design engineering department in 1962 and was made principal mechanical engineer in 1966. He was elected vice president of design engineering in 1971, senior president of engineering and construction in 1978 and executive vice president of engineering and construction in 1982. He accepted additional responsibilities as executive vice president of the power group during a reorganization in October 1988.

He was elected to the Board of Directors and executive committee of Duke Power in 1978.

Since becoming principal engineer in 1966, Mr. Owen has accumulated an impressive record of accomplishments. His increasing level of involvement and responsibility in the design and construction of power plants led to placing in operation 14,295 megawatts of productive capacity. Half of this capacity is comprised of seven nuclear units. Additionally, he is now directing the company's efforts toward completion of four pumped-storage hydroelectric units with a combined capacity of 1,000 megawatts.

Under his leadership these fossil and nuclear generation plants were designed and constructed to achieve one of the industry's highest levels of operating performance and efficiency. Duke Power has had the number one fossil-gathering system in the country for the past 14 years and finishes high in total generating efficiency, both nuclear and fossil, each year.

His many honors and awards include the Atomic Industrial Forum's Clyde A. Lilly, Jr. Award which he received for managing recovery efforts at Three Mile Island in 1979. In 1987 he received the James N. Landis Medal from the American Society of Mechanical Engineers.

Clemson is indeed fortunate to have alumni like Warren Owen who are committed to its future and eager to work for its continued advancement. It is a very special privilege to honor one of our own with the presentation of this honorary degree.

The President's Award

DR. ROBERT ROY PEARCE

Friends and associates alike know this Clemson graduate as one of the University's most active and dedicated alumni — Columbia businessman and distinguished war veteran Dr. R. Roy Pearce. He is a member of the Class of 1941 that marched out of college and off to a world war in which about one-fourth of the 409 graduates gave their lives in defense of their country.

He long has been an enthusiastic supporter of programs to achieve greater overall excellence at his alma mater. On December 13, President Lennon announced that Dr. Pearce and his wife, the former Margery Ellison "Marnie" Walker of Columbia, are establishing the R. Roy and Margery W. Pearce Center for Professional Communication — a Class of 1941 initiative — with a \$1.5 million commitment to the University. Their generous gift is the largest cash gift in the University's history.

Dr. Pearce, who is president of the Class of 1941 and a past president of the Clemson Alumni Association, also heads that class's drive to raise a minimum of \$5 million for Clemson in memory of classmates who died in World War II. Dr. and Mrs. Pearce's gift will help complete that goal by the class's Golden Anniversary Reunion in 1991.

Dr. Pearce was one of the quarterbacks on the 1939 Clemson football squad that played in the Cotton Bowl. He also played on Coach Frank Howard's first team as head coach that won the Southern Conference championship in 1940.

Dr. Pearce is president of Roy Pearce Associates, management counselors, and secretary of Budweiser of Columbia, Inc.

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Gary A. Ransdell	Vice President for Institutional Advancement
Milton B. Wise	Vice President for Agriculture and Natural Resources

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.

The Academic Procession

The Academic procession is composed of the faculty, 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	Economics
	Drab	Business
Education	Light Blue	Education
Engineering	Orange	Engineering
Forest & Recreation Resources	Russet	Forestry
Liberal Arts	Sage Green	Recreation Education
	Dark Blue	Philosophy
	White	Letters & Humanities
	Cream	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.

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

ARNOLD EDWARD SCHWARTZ, Dean, Graduate School

COLLEGE OF AGRICULTURAL SCIENCES

DOCTOR OF PHILOSOPHY
Agronomy

Ronald Thomas Collins ----- Seneca
B.S., M.For., Clemson University
Dissertation: Changes in IAA and ABA Concentrations in *Trifolium repens* in Response to Water Deficit Stress

Entomology

Eric Peter Benson ----- Dover, N. J.
B.S., University of Vermont; M.S., Fairleigh Dickinson University
Dissertation: Ecology and Control of the Smokybrown Cockroach, *Periplaneta fuliginosa* (Serville), in South Carolina

Steve Horosko III ----- Greensboro, N. C.
B.A., Wake Forest University; M.S., Clemson University
Dissertation: Host Discrimination and Competition of *Microplitis croceipes* (Cresson) and *Microplitis demolitor* Wilkinson (Hymenoptera: Braconidae) in *Heliothis virescens* (Fabricius), and Interaction with the Microsporidian Pathogens *Vairimorpha necatrix* (Kramer) and *Nosema heliothidis* Lutz and Splendore

Nutrition

Domenick James Castaldo ----- Central
B.S., North Carolina State University; M.S., Clemson University
Dissertation: The Egg Shell Gland Lipids in Relation to Egg Shell Strength

Plant Pathology

Anthony Scott Carpenter ----- Shelby, N. C.
B.S., North Carolina State University; M.S., Virginia Polytechnic Institute and State University
Dissertation: Reproduction, Virulence and Identification of Four *Meloidogyne arenaria* Populations

Plant Physiology

Janice Hamilton Haldeman ----- Due West
B.S., Rollins College; M.A., George Peabody College
Dissertation: Application of Tissue Culture Techniques to Tea (*Camellia senensis*)

COLLEGE OF COMMERCE AND INDUSTRY

DOCTOR OF PHILOSOPHY
Industrial Management

Bob Jay Coleman ----- Augusta, Ga.
B.A., Augusta College; M.S., Clemson University
Dissertation: An Improved Heuristic for Multi-Level Lot-Sizing in Materials Requirement Planning

COLLEGE OF EDUCATION

DOCTOR OF EDUCATION
Vocational and Technical Education

Mark C. Rowh ----- Greenville
B.A., West Virginia State College; M.A., Marshall University
Dissertation: Job Roles of Institutional Researchers in Two-Year Colleges: A Study of Current Practices Compared with Desired Roles

CANDIDATES FOR BACHELORS' DEGREES

COLLEGE OF AGRICULTURAL SCIENCES

JAMES HOWARD DANIELS, Acting Dean

BACHELOR OF SCIENCE

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John Hunter DesChamps	Wisacky	Joel Fields Reynolds	Lamar
Cecil Leroy McCaskill III	Camden		

Agronomy

Cameron Walter Gibson	Orange, Va.	*Hughey Emory Holsonback, Jr.	Greenwood
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Animal Industries

Patrick Leigh Haynes	Cliffside, N. C.	Phillip Kevin Yon	Anderson
William Joel Hoyle	Shelby, N. C.		

Aquaculture, Fisheries, and Wildlife Biology

Marvin Eugene Bouknight	West Columbia	*Sarah Louise Landrum	Buffalo, N. Y.
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John William Bracknell III	Greenville	Charles Robert Reese, Jr.	Greenwood
Lisa McCurry Crouch	Abbeville	Diana Marie Reichenbach	Seneca
*Christopher John Kempton	Six Mile	Stephen Lear Todd	Sumter

Entomology

Richard Craig Ellison	Belton
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Food Science

*Lisa Lynn Phillips	Greenville
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Horticulture

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Ginger Ellen Lovin	Lancaster		

COLLEGE OF ARCHITECTURE

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James Charles Hester	Clemson	**William Seaborn Snell	Louisville, Ky.
Daniel Robert Kenny	Rocky Hill, Ct.	Eric Christopher Unger	Auburn, N. Y.
Michael Smylie Mason	Mt. Pleasant		

Design

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Catherine Mae Fechner	St. Petersburg, Fla.	Karl Stephen Nolte	Clemson

COLLEGE OF COMMERCE AND INDUSTRY

RYAN CUSTER AMACHER, Dean

BACHELOR OF ARTS

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Robin Kimiko McDuffie	Greenville		

BACHELOR OF SCIENCE

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Gina Nathalia Arendsz	Savaneta, Aruba	*Carla Sue Darlington	Greenville
*Paige Bedenbaugh	Camden	Elizabeth Allen Dorn	Columbia
Jamie Shields Blankenship	Chapin	Joseph Fitzgerald Edwards	Ritter

Accounting (continued)

Robert Antonio Elmore	Woodruff	*Anthony J. Mastandrea	Ramsey, N. J.
Kathryn Marie Fant	Summit, N. J.	Jennifer Lynn McCune	Clearwater, Fla.
David Ray Fromknecht	Anderson	†**Lisa Gaye Padgett	Spartanburg
Paul Neuser Gehrig	Alexandria, Va.	Daniel Crawford Patterson	Easley
Michael Craig Goodrich	Camden	James Osborn Roeder	Camden
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George Thomas Herbster	Anderson	Geoffrey Bonner Sale	Midlothian, Va.
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Brian Jeffrey Lunsford	Greenville		

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Jondavid Klipp	Fishkill, N. Y.
Maurice Steve Moore	Atlanta, Ga.
Matthew Harper Riggs	Rocky Mount, N. C.

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John Edward Cracchiolo	Boca Raton, Fla.
David Alan Dangerfield	Isle of Palms
*Carroll Jones DuBose, Jr.	Columbia
Jerome T. Espino	Ladson
Gordon William Farr	Greenville
Jeffrey Ashley Frazier	Sumter
Liesl Winona Furkitt	Salley
Susan Carol Gorman	Mauldin
Carol Ann Hough	Torrington, Ct.
Stephanie Elaine Hudgins	Newport News, Va.
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Janine Marie Johnson	Anderson
David Alexander Latimer	Bishopville
Beverly Ann Martin	Laurens
William Hense Marvin, Jr.	Columbia
Gordon Rogers McLellan, Jr.	Fork

Industrial Management

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Bryan Keith Carver	Greenville
Gary Stewart Dauksch	Florence
William Douglas Ellison	Belton
Erik Russ Hinson	Simpsonville
Gail Elizabeth Holmes	Charleston
Michael Todd Hutto	Aiken
Robert Jeffrey Jenrette	Blacksburg, Va.
Gretchen Kartman	Randolph, N. Y.

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Steven Keith Beals	Louisville, Ky.
Sadler McMullin Beaty IV	Abbeville
Raymond Earl Bragg III	Greenville
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Gregory Thomas Bucy	Rock Hill
Scot Franklin Campbell	Middletown, N. J.
William Blake Carter	Piedmont
Archer William Cook III	Spartanburg

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Jennifer Lynn McCune	Clearwater, Fla.
†**Lisa Gaye Padgett	Spartanburg
Daniel Crawford Patterson	Easley
James Osborn Roeder	Camden
Brian Alan Rogers	Taylors
Geoffrey Bonner Sale	Midlothian, Va.
Diane Courtney Utz	Springfield, Va.
*Sarah Miranda Vereen	North Myrtle Beach
Kathryn Anne Wakely	Clearwater, Fla.

Economics

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Glenn Garrett Scott	Spartanburg
Kevin Christopher Shelton	North Charleston
Nathaniel Compton Toms III	Spartanburg
Curtis Ricky Wright	Charlotte, N. C.

Financial Management

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James John Paradeses	Greenville
Carolyn Leigh Peake	Columbia
***Leslie Marie Radcliffe	Mt. Pleasant
Antonia Lanell Roberts	Greenville
Jerry Kirk Robertson	Chester
Paul Rupard Sanders III	Columbia
Scott John Schleicher	Bethany, Ct.
Robert Awtrey Seay	Charleston
Andrew Kurt Sharer	Potomac, Md.
Gregory Alan Shealy	Chapin
Michael Edward Smith	Roswell, Ga.
Peter Andrew Thomas	LaGrange, Ga.
Sarah McKenzie Truluck	Charleston
Daniel Kibbe Waters	Hendersonville, N. C.
Timothy Rey Wilson	Seneca
Deidre Lynne Wingate	North Augusta
Christopher Preston Wood	Easley
Melanie Ashley Wright	Columbia

Industrial Management

Patrick Joseph Keefe	Laurel, Md.
William Odell Pepper	Walhalla
John Robert Phillips	Peachtree City, Ga.
Brian Keith Rabalais	Pickens
Charles Kyle Thomas	Pickens
Steven Scott Tucker	Blairstown, N. J.
Jimmy Scott Wall	Spartanburg
H. Benjamin Walpole III	Johns Island
Dennis Reginald Williams	Ehrhardt
Andre Jerome Wilson	Sumter

Management

Gary R. Cooper, Jr.	Charleston
Christopher Lavette Corkern	Hilton Head
Kenneth La'Roy Danforth	Aiken
Catherine Gail Darrah	Shrewsbury, N. J.
Jennifer Lynn Davis	Alexandria, Va.
Gary Wayne Day, Jr.	Pickens
Julius Clarence Dreher IV	Columbia
Seleste Ann Francis	Greenville
Todd Huff Fuller	Columbia
Keith Norton Gaines	Greenville
Furman Reeves Gressette III	Orangeburg

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COLLEGE OF AGRICULTURAL SCIENCES

MASTER OF AGRICULTURAL EDUCATION

Joyce Byrd Franklin ----- Darlington Sally Bouchillon Segars ----- Anderson

MASTER OF AGRICULTURE

Thomas Roy Dobbins ----- Townville

MASTER OF NUTRITIONAL SCIENCES

Suzanne Speyer Figliola ----- Central Diane Crowe Salsman ----- Greenville

MASTER OF SCIENCE

Agricultural Economics

Alfred Edwin Bundrick ----- Pomaria Charles Bradley Collins ----- Madison

Agronomy

James Dale Jones ----- Wyoming, Mich.

Animal and Food Industries

Scott Andrew Williams ----- Taylors

Aquaculture, Fisheries, and Wildlife Biology

David Thomas Sawyer ----- Mars Hill, N. C.

Entomology

Charles Inglesby Dial III ----- Clemson

Horticulture

Heather Hatt Friend ----- Mohnton, Pa. Margaret Jane McMahon ----- Medina, Ohio

Plant Pathology

Graciela Haydee Canullo ----- Buenos Aires, Argentina

COLLEGE OF ARCHITECTURE

MASTER OF BUILDING SCIENCE AND MANAGEMENT

Peter Gale Knowland ----- Clemson

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Muhamad Yazid Jamian ----- Kulai, Malaysia
Joseph Charles Newton ----- Greenville
Samuel Keith Selman ----- Fairhope, Ala.

Noorsuriati Binte Wahid ----- Kuala Terengganu, Malaysia

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Russell Carson Guill ----- Clemson
Keith James Kokal ----- Pittsburgh, Pa.
Thomas Gaines Pettigrew ----- Greenville

Annette Cecile Proulx ----- Fall River, Mass.

Anunart Radeesri ----- Bangkok, Thailand

Michael Anthony Soltis ----- Grand Rapids, Mich.

Mark Mitchell Sweeney ----- Teaneck, N. J.

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Deborah Sain Chandler	Greenville	Joey David Johnson	Spartanburg
Rhonda Lynn Clinkscales	Anderson	Candace Curry Leuck	Simpsonville
Michael Alan Crawford	Sylva, N. C.	John Russell Madray	Greenville
Suzanne Brown Devlin	Greenville	Miaw-Ling Ou	Taipei, Taiwan
Janice Lynn Dusold	Cincinnati, Ohio		

MASTER OF ARTS**Economics**

Patressa Ann Jones	Florence	Cora Susan Moore	Florence
Christopher von Brecht Markham		Deborah Lee Turner	Flomation, Ala.
Clearwater, Fla.			

MASTER OF SCIENCE**Industrial Management**

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Ross Alan Bazzle	Clemson	Kelley Elizabeth Miller	Kingtree
Craig Matthew Berent	West Simsbury, Ct.	William Edward Mostellar	Atlanta, Ga.
Ping-Hung Chen	Taipei, Taiwan	Darlene Denise Peterson	Johnston
Donald Mitchell Crawford	Greenville	Helen Christine Sims	Greenville
Eric Edward Goodson	Clemson		

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Malcolm Randall Peters	Clemson		

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Paula Carol Campbell	Abbeville	James Pirrone	Taylors
Peggy Jo Dobson	Anderson	Jacqueline Elaine Scott	Anderson
Alice Borgman Garrett	Clemson	Margaret Niver Smith	Anderson
Judy Strickland Humphries	Laurens	Donald Mathew Williams	Anderson
Jo Elizabeth Purkerson Manley	Greenwood	Wendy Carol Wilson	Anderson
Janis Puzar McKelvey	Clinton	Janet Carol Wines	Greenwood

Elementary Education

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Pamela Gibson Chambers	Seneca		
Carol Thompson Craton	Toccoa, Ga.	Marilyn Rosa Pilgrim	Seneca
Dianne Covil Fronck	Clemson	Donna Jayne Pruitt	Clemson
Mary Beth Wicker Inman	Pomaria	Frances Brennecke Senn	Anderson
Janet Dianne Jones	Townville	Kimberly Leigh Sides	Newberry
Paula Lewis Kiser	Newberry	Ella Ledbetter Wyatt	Newberry
Charlotte M. Lindsey	Taylors		Williamston

Reading

Theresa Herd Cooper	Central	Julia Hester Moss	Greenville

Secondary Education

Rosalie Martha Rhodes	Charleston, W. Va.	Wanda Ann Strawhorn	Honea Path
Elizabeth Coykendall Rice	Clemson	Jessie Lynn Trickett	Greenville

Special Education

Melanie Hooper Manning Greenville

MASTER OF INDUSTRIAL EDUCATION

Judy Deal Adkins	Easley	Joseph Thomas Scholz	Sykesville, Md.
Joseph Andrew Colaric	Braddock Hills, Pa.	Melvin Sinclair, Jr.	Greenville
John Pierce Gullick	Greenville	James Lee Wagner	Wellford

COLLEGE OF ENGINEERING

MASTER OF ENGINEERING

Civil Engineering

Patricia Ann Harrison _____ Columbia Jay Fredrick Wilson _____ Columbia
Carl Ross Sellers _____ Mt. Pleasant

Environmental Systems Engineering

Jasvinder Singh Dang _____ Bombay, India Bryan Alexander Youker _____ Ft. Wayne, Ind.
Ivonne Santiago _____ Ponce, Puerto Rico

MASTER OF SCIENCE

Chemical Engineering

Kumar C. Ashok _____ Nellore, India Arthur Elliott Robertson, Jr. _____ Heath Springs
Munir Jabra Kort _____ Jerusalem Shien-Fu Wang _____ Taipei, Taiwan
Mark Austin McCully _____ Greenville

Civil Engineering

William Gregory Brunson _____ Savannah, Ga. Ashoke K. Sarker _____ Calcutta, India
Ravinder Devarajan _____ New Delhi, India Balavijendran Sockalingam _____ Kuala Lumpur, Malaysia
Vijay Kumar Menta _____ Hyderabad, India Manoj Avinash Sule _____ Houston, Texas
Autumn Lynn Patterson _____ Anderson
Mohan G. S. Rao _____ Mysore, India

Computer Engineering

Sujal Harkant Badami _____ Ahmedabad, India Manoj Ramesh Mansukhani _____ Bombay, India
Antoine Batour Elzoghbi _____ Dar-beechtar, Lebanon Dharmesh Morarji Panchmatia _____ Bombay, India
Todd Alan Jamison _____ West Union Binita Bose Sinha _____ Patna, India

Electrical Engineering

Srinivas Anne _____ Clemson Hsin-Can Barry Tan _____ Taipei, Taiwan
Yukai Fan _____ Beijing, China Katherine Patricia Thornton _____ Spartanburg
Venkitasubrahmanian Sreeraman _____ Clemson Robert Mitchell Ward _____ Jacksonville, Fla.
Chao Su _____ Park Ridge, N. J.

Engineering Mechanics

Jagadish Turimella _____ Hyderabad, India

Environmental Systems Engineering

Sandra Gwen Braswell _____ Smithfield, N. C. Victor Theodore Volskay, Jr. _____
Ft. Walton Beach, Fla.

Industrial Engineering

Elva Threatt Minton _____ Easley Subhash Mukhopadhyay _____ Calcutta, India
Boots Robin Moody _____ Marietta Julia Ann Tissue _____ Newark, Del.
Ali Motamedи _____ Clemson

Mechanical Engineering

Alfred Scott Lewis _____ North East, Md. Brian Milford McDonald _____ Simpsonville
John Bonner Manly, Jr. _____ Anderson

COLLEGE OF FOREST AND RECREATION RESOURCES

MASTER OF FORESTRY

Rachel Cool Rowe _____ Clemson

MASTER OF PARKS, RECREATION, AND TOURISM MANAGEMENT

Linda Christoph Bertel _____ Clearwater, Fla. Celeste E. Moerle _____ Chicago, Ill.
Angela Carol McBride _____ Winnipeg, Manitoba

MASTER OF SCIENCE

Forestry

Peter Randolph Kapeluck _____ Clemson Patrick Elliott Westbrook _____ Monticello
Lawrence Glenn Sippel _____ Rock Hill

COLLEGE OF LIBERAL ARTS

MASTER OF ARTS

English

Lawrence Clifton Collins II ----- Central Victor Daniel White III ----- Seneca
Ila Kidd Tribble ----- Anderson

History

Bryan Forrest McKown ----- Greenville

COLLEGE OF NURSING

MASTER OF SCIENCE

Nursing

Barbara Pharr Alexander ----- Anderson

COLLEGE OF SCIENCES

MASTER OF SCIENCE

Chemistry

Jeffrey Randall Crouse ----- Charleston Samuel Carl O'Neal ----- Clemson

Computer Science

Elizabeth Lee Godfrey ----- Forest City, N. C. Alice Anne McRae ----- Asheville, N. C.
Jeffrey Lynn Hightower ----- Church Hill, Tenn. John W. Stamey, Jr. ----- Clemson
Tammy Lynne Jenkins ----- Richmond, Va.

Mathematical Sciences

Wesley McMillan Devine ----- Timmonsville Judy Marie Vander Laan Lalani ----- Comstock Park, Mich.
Edward Caldwell Pearson Jennings, Jr. ----- Charleston Timothy Franklin Parrott ----- Easley
Elias Martin Jureidini ----- Houma, La. Jennifer Alyn Schuster ----- Milwaukee, Wisc.

Microbiology

Patricia Kay Beetham ----- Raleigh, N. C.

Zoology

Marianne Baker Willey ----- Clemson

COLLEGE OF ENGINEERING

DOCTOR OF PHILOSOPHY Engineering

Suneet Bahl	New Delhi, India
B.E., Birla Institute of Technology and Science; M.S., Clemson University	
Dissertation: Studies of Three-Dimensional Natural Convection Above Horizontal Heated Disks Using Laser Holographics Interferometry (Field of Specialization: Mechanical Engineering)	
Marshall Lee Brown	Anderson
B.S., M.S., Clemson University	
Dissertation: Investigation of Strength-Producing Mechanisms in Selected Pastes and Mortars (Field of Specialization: Civil Engineering)	
Maurice Sin Ming Lam	Kowloon, Hong Kong
B.S., M.S., Clemson University	
Dissertation: Generation of M-Sequences and Gold Codes Over GF(q) (Field of Specialization: Electrical Engineering)	
Koucherng Roger Lee	Tainan, Taiwan
B.S., National Tsing Hua University; M.S., Clemson University	
Dissertation: Multi-Input Multi-Output Self-Organizing Detection and Filter Design (Field of Specialization: Electrical Engineering)	
Mohamad Saleem Omary	Sandala, Israel
B.S., M.S., Technion-Israel Institute of Technology	
Dissertation: Distribution and Concentration in the Soil of Nemacur Applied Through a Trickle Irrigation System (Field of Specialization: Agricultural Engineering)	
Sherryl Anne Schultz	Alexandria, Va.
B.S., Clemson University; M.S., Texas A&M University	
Dissertation: A Computer Supported Simulation of Chemical Exposures for Education in Research (Field of Specialization: Industrial Engineering)	
Der-Min Tsay	Kaohsiung, Taiwan
B.S., Tatung Institute of Technology; M.S., Clemson University	
Dissertation: Spline Functions Applied to the Synthesis and Analysis of Non-Rigid Cam-Follower Systems (Field of Specialization: Mechanical Engineering)	
Xiaoming Wang	Shaoxing, China
B.S., Zhejiang University; M.S., Worcester Polytechnic Institute	
Dissertation: A Model-Based Vision System for Multiple Object 3-D Motion Interpretation (Field of Specialization: Electrical Engineering)	
Andrzej Wilczak	Poznan, Poland
M.S., Poznan Tech University	
Dissertation: Sorption of Heavy Metal Cations on Activated Carbon (Field of Specialization: Environmental Systems Engineering)	
Tsorng-Dih Yuan	Hsinchu, Taiwan
B.S., National Chaio Tung University; M.S., Clemson University	
Dissertation: The Study of Boyancy Effects on Laminar and Turbulent Plane Impinging Jets (Field of Specialization: Mechanical Engineering)	

COLLEGE OF FOREST AND RECREATION RESOURCES

DOCTOR OF PHILOSOPHY Forestry

Michael Wayne Rikard	Clemson
B.S., M.For., University of Georgia	
Dissertation: Hydrologic and Vegetative Relationships of the Congaree Swamp National Monument	
Victor Balmer Shelburne	Central
B.S., M.For., Duke University	
Dissertation: The Relationship of Leaf Area to Sapwood Area in Loblolly Pine (<i>Pinus taeda</i> L.) as Affected by Site, Stand Basal Area, and Sapwood Permeability	

COLLEGE OF SCIENCES

DOCTOR OF PHILOSOPHY Chemistry

Alan Clarke Bailey _____ St. Marys, Ga.
B.S., University of Georgia

Dissertation: Solute and Particle Gradients in the Benthic Boundary Layer

Andrea Wolfe Wallace _____ Chattanooga, Tenn.
B.S., University of Tennessee-Knoxville; M.S., Clemson University

Dissertation: Ground and Excited State Properties of Mixed-Metal Complexes Including Mixed-Valence Complexes and Their Corresponding Ion-Pairs and Donor/Acceptor Systems

Richard Henry Wallace _____ Pooler, Ga.
B.S., Armstrong State College

Dissertation: An Investigation into the Mechanism of Dissolving Metal Reductions of Saturated Ketones

Computer Science

Robert Arthur Allen _____ Atlanta, Ga.
B.S., Berry College; M.S., Clemson University

Dissertation: User's Perception of Computer System Response Time

Mathematical Sciences

Mary Anne Fields _____ Louisville, Ky.
B.S., University of Louisville; M.S., Clemson University

Dissertation: Analysis of a Model of Oxygen Storage

Virginia Ann Rice _____ Marshall, N. C.
B.S., Mars Hill College; M.S., Clemson University

Dissertation: Cohesion Properties and Graphs

Kenneth Eugene Schwartz _____ Clemson
B.A., Rutgers, The State University of New Jersey

Dissertation: Group Testing with Dependence Among Items

Zoology

Mary Lang Olson Edwards _____ Greenville
B.A., Agnes Scott College; M.S., Clemson University

Dissertation: The Effects of Photoperiod and Melatonin on Growth and Metamorphosis of *Xenopus laevis*

Kirt William Rusenko _____ Syracuse, N. Y.
B.S., Syracuse University; M.S., State University of New York, Upstate Medical Center

Dissertation: Studies on the Structure and Function of Shell Matrix Proteins from the American Oyster,
Crassostrea virginica

Management (continued)

Jeffrey Ross Hayes	Spartanburg	William Judson Paul	Greenville
Carlton Waller Hearn, Jr.	Washington, Ga.	Christopher Eugene Payne	Weaverville, N. C.
Mark Douglas Hodgdon	Atlanta, Ga.	Candace Marie Pope	Simpsonville
Rebecca Norwood Holland	Atlanta, Ga.	John Willis Proffitt, Jr.	Liberty
David Bruce Howell	Taylors	Nancy Ellen Pruitt	Atlanta, Ga.
William Thomas Howell III	Sumter	Dana Michele Ralston	Gainesville, Ga.
Steven Gordon Hudson	Sumter	Tucker Stapleton Redford	Richmond, Va.
Catherine Denise Huiet	Anderson	William Bradford Scott	Williston
Daniel B. Johnson	Rochester, N. Y.	John Randall Simpson	Beaufort
*Marguerita Vernelle Jones	Seneca	Robert Harold Simpson	Townville
Craig Lee Kirkland	Atlanta, Ga.	Lisa Maria Smart	Columbus, Ga.
***Patti Richardson Larsen	Clemson	John Alexander Stewart	
Randy Eugene Mazey	Johnstown, Pa.		Grosse Pointe Farms, Mich.
Mark Thomas McClure	Chapin	Samuel Andrew Stiteler	Dunwoody Ga.
Todd Allen McJunkin	Norris	Jennifer Lynne Thompson	Charlotte, N. C.
Louie Christopher McNeely	Easley	Patricia Ann Tressler	Horseheads, N. Y.
Vincent Dwayne Meadows	Spartanburg	Daniel Lee Walters	James Island
Lisa Rachelle Meetze	Columbia	George Scott Wessinger	Chapin
Carl Gottlieb Oehmig IV	Anderson	Jeffrey Lee White	Greenville
Michael Paul O'Neil	Sherborn, Mass.	Monta Elizabeth Wray	Landrum

Marketing

Angela Stegall Alexander	Anderson	John Robert Kay	Greenville
Kim Elizabeth Alexander	Salem	Daniel Dixon Lee III	Carbondale, Ill.
Jeffrey Charles Arnow	Toccoa, Ga.	Heidi Beth Marshall	State College, Pa.
Linda Ann Bauer	Wilmington, Del.	Mary Anne McDonald	Laurinburg, N. C.
Quentin Stewart Broom	Spartanburg	Lynne Marie Paskert	Tampa, Fla.
Marlene Elizabeth Byar	Matthews, N. C.	Katherine Keller Peck	Ellicott City, Md.
Andrew Edward Bylenga	Greenville	Karen Meredith Rittenhouse	Newark, Del.
Sandra Lynn Colpitts	Mauldin	Sara Alyson Taylor	Garden City Beach
Clay Masters Gilstrap	Smyrna, Ga.	Christine Carol Witzig	Hartsville
Jane Andrea Kassis	Charleston		

Textile Management

Daniel Roberto Facusse	Tegucigalpa, Honduras	Marcel Ian Stark	Charlotte, N. C.
Kevin Rudy Hawkins	Anderson		

Textile Science

Barry DeWayne Meece	Easley
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BACHELOR OF TEXTILE TECHNOLOGY

Terrance Ellis Riggans	Alexander City, Ala.
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COLLEGE OF EDUCATION

GORDON WALTER GRAY, Dean

BACHELOR OF ARTS

Early Childhood Education

Kimberly Allen Beard	Seneca	**Joey Alaine Schafer	Baton Rouge, La.
Pamela Earle Bowie	Easley	Karen Lisa Sellers	Cheraw
*Malane Ariane Holcombe	Greenville	Joni Laine Waters	Irmo
*Lana Leigh Lowe	Belton	Kristen Novella Frances Yeager	
Carol Lynn Pearsall	Homosassa, Fla.		Lewisburg, W. Va.
Cynthia Michelle Riley	Charleston		

Elementary Education

**Kimberly Shea Baker	Simpsonville	Lucy Mims Harris	Sumter
Angela Newton Black	Greenville	**Susan Copeland Holcombe	Spartanburg
Betsy Dawn Blanchard	Columbia	John Eric Hughes	Honea Path
Laura Chlopecki	Warren, Pa.	Katherine Jean Hutto	Orangeburg
Amy Elizabeth Clark	Charlotte, N. C.	Sheila Annette James	Westminster
*Barbara Manning Garrison	Anderson	Stacy Owen Miller	Easley
Melanie Coretta Gordon	Simpsonville	Barbara Anne Peltier	Anderson

Elementary Education (continued)

Kimberley Shaun Scarborough	Belton	***Rebecca Josephine Vick	Greenville
*Vickie Lynn Simpson	West Union	*Judy Hood Whitson	Greenville
Donna Dufford Smith	Summerville	*Virginia Boroughs Wood	Easley
Angela Sarah Sullivan	Seneca		

Secondary Education

*Ashley Davis Cheney	Elon College, N. C.	Lisa Thomason Norwood	Westminster
Angela Marie Farmer	Richmond, Va.	Melanie Dawn Owings	Greenwood
***Janice L. Makin Fritz	Easley	Jacqueline Marie Petroff	Rock Hill
Kathleen Garrison Hills	Greenville	John McNeely Roberts	Dahlonega, Ga.
David Mark James	Cleveland	John Simpson Stone IV	Lugoff
Anita Burkett McKee	Seneca	Margaret Ann Turner	Spartanburg
Amy Renee McLane	Anderson	Tanya Ruth Willis	Travelers Rest
James Anthony Meetze	Columbia		

BACHELOR OF SCIENCE**Graphic Communications**

Roxanne Hussey Baker	Robbins, N. C.	*Timothy Phillip Lackey	Lenoir, N. C.
Aaron Leland Baldwin	McClellanville	Grace Ann Mitchell	Walterboro
Jeffery Lee Cain	Camden	Stanley Jones Moore	Simpsonville
Angela Frances Dryden	Kingsport, Tenn.	Michelle Morabito	Rock Hill
*Carla Jean Etheredge	West Columbia	Wesley Allen Nauright	North Augusta
*Lee Charles Hammond	Rock Hill	Kathryn Rose Moules Newton	Anderson
Ashley Elizabeth Hyer	Mt. Pleasant	Brent Patrick Smith	Wilmington, Del.
Robert Russell Ingram	Danville, Va.	Wanda Danette Smith	Lexington
Carol Diane Jensen	Townville	Tracey Anne Winburn	Conway

Industrial Education

John Asbury Copeland	Greenville	David Lee Hrovat	Blacksburg, Va.
*Jon Patrick Dever	Wheelersburg, Ohio	Perry Michael Williams	Adairsville, Ga.

Science Teaching

Kimberley Jo Benzing	Orlando, Fla.	Gretchen Ruth Nonnenberg	Savannah, Ga.
Amanda Lee Burton	Iva	Janice Lynn Ward	North Charleston
Susan Amanda Morton	Anderson		

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.)

Darryl Glenn Black	Saluda	Anthony Emory Jones	Easley
Stephen Calbreth Hucks	Columbia		

Ceramic Engineering

Deana Cosmadelis	Setauket, N. Y.	Holly Morgan Kenan	Phillipsburg, N. J.
Anne J. Feldhacker	Cookeville, Tenn.	Patrick Schneider	Selden, N. Y.
**Ken Ervin Fosaaen	Clemson	Richard Charles Turner	Clemson

Chemical Engineering

Peter Michael Dirk Koehler	Spartanburg	Richard L. Wilkes, Jr.	Vincentown, N. J.
*John Richard Stamey	Aiken		

Civil Engineering

Timothy Scott Banks	Pickens	Charles Molony Fralinger	Bridgeton, N. J.
Larry Fitzgerald Clark	Waynesville, N. C.	Patterson Xuan Vu Gambill	North Charleston
James Lawton Crooks	Columbia	Cary Steven Grant	Gaffney
James Clinton Dunn	Sumter	Wesley Jay Hawkins	Newberry
Charles Robert Eleazer	Irmo	Ernest Harmon Heins	Kingstree

Civil Engineering (continued)

Brian Lawrence Keener	Greenville	Simpsonville
Charles Harry McDonald	Hartsville	Summerville
**Milton McElroy, Jr.	Gaffney	Columbia
Kevin Robert McLaughlin	Greenwood	Duncan
Harold Lewis Morris, Jr.	Spartanburg	
Brian Todd Mosrie	Kingsport, Tenn.	Rock Hill
Stephen Lamar Nix	Clayton, Ga.	Pamplico
Randall Herbert Patrick	Saint George	Anderson
Patrick Berlin Racey	Woodstock, Va.	Moonville
Joey Douglas Rowland	Spartanburg	Charleston

Computer Engineering

Thomas Charles Burke	Easley	Greenville
Katherine Ann Cabiness	Hanahan	Blacksburg
*Robert Anthony Culbertson	Joanna	Columbia
Issam Samir Faza	Amman, Jordan	Greenville
Robert Douglas Ferrell	Irmo	Scranton
Don Ray Fouts	Aiken	Anderson
Richard Lewis Fowler	Spartanburg	
Wanda Gale Fullard	Lake City	West Babylon, N. Y.
Lisa Denise Gambrell	Anderson	Greenville
Billy Frank Garrett, Jr.	Spartanburg	Greenville
**Boyd Alexander Gregg III	Florence	Myrtle Beach
Kriss Anders Hougland	Johnson City, Tenn.	Greenville
Walter Levern James, Jr.	Marion	Barnwell

Electrical Engineering

Donald Lee Bartlett, Jr.	Taylors	Jacksonville, Fla.
Gene Wesley Bass, Jr.	Winnsboro	Elmira, N. Y.
Charles Kevin Busch	Summerville	Columbia
Jeffrey David Cetola	Hampton, Va.	Rochester, Mich.
Richard Hunter Comstock	Bowie, Md.	Myrtle Beach
*Daniel Joseph De Setto	Largo, Fla.	Vineeta Ribeiro
David Scott Douglass	Mannheim, Germany	Pittsburgh, Pa.
John Robert Finley, III	Laurens	Huntsville, Ala.
Wade Douglas Fletcher, Jr.	Hartsville	Albany, Ga.
Elizabeth Jean Grabka	Satellite Beach, Fla.	Greenville
Ray Laurence Inabnette	Gaffney	Sebring, Fla.
Warren Gene Johnson	Anderson	Greenville
Michael Scott Kane	Travelers Rest	Beaufort
Timothy Roy Kimbrell	Mt. Pleasant	North Augusta
Gina Eugenia Malusa	Utica, N. Y.	Concord, N. C.
Dean George Marianos	Greenville	Walhalla
David Allen Merrill	Irmo	

Engineering Analysis

John Gee Williamson III Greenville

Industrial Engineering

David Goode Abernethy	Lake Wylie	Summerville
*Robert Lynn Ashley	Florence	Lake Wylie
Roberto Biendicho	Panama City, Panama	Merritt Island, Fla.
Kevin Duane Cook	Greenville	Louisville, Ky.
John Edwin Cox	Charleston	Brookville, Md.
Stephanie Denise Flynn	Brevard, N. C.	Kingsport, Tenn.
John Rodgers Grozier	Detroit, Mich.	Nichols

Mechanical Engineering

Dean Eric Belk	Walhalla	Brentwood, N. Y.
Robert Richard Benko	Binghamton, N. Y.	Brick, N. J.
Charles Percy Berry, Jr.	Branchville	Cocoa Beach, Fla.
Bernard Billingsley	West Chester, Pa.	Mt. Pleasant
Douglas Page Brandon, Jr.	West Chester, Pa.	Ventura, Ca.
Michael Burrafato	Wayne, N. J.	Spartanburg
Richard Mannie Cameron	Camden	Fort Myers, Fla.

Mechanical Engineering (continued)

*Eugene Allen Frost	Spartanburg	Thomas Alexander Nance	Columbia
Benjamin Arne Gaddis	Clemson	Sheila Renee Neal	Woodruff
Raymond Edward Gannon	Bethel Park, Pa.	Kevin Charles Perry	Raleigh, N. C.
Willard Randolph Grant	Corning, N. Y.	Tammy Lynn Childs Plowden	Seneca
†***John Randall Hall, Jr.	Greenville	Martin Furman Ridgeway	Donalds
James Landon Hannah	Spartanburg	Todd Alexander Ritchie	Rock Hill
Robert Myron Kellahan	Kingtree	Sarah Anne Robinson	Hickory, N. C.
Joseph Edward Kotwiz	Warren, Ohio	George Louis Schweers	Mt. Pleasant
*Ernest Anthony Kutulas	Hartwell, Ga.	David John Selby	North Augusta
Jeffrey Alan Lightsey	Hampton	Albert Luck Shepherd IV	Georgetown
Samuel Martin Lowry	Laurens	Kurt L. Sporrer	Carroll, Iowa
Mark West Mays	Camden	Todd Franklin Swygart	West Columbia
John Barry McCorkle	Summerville	Douglas Wayne Thurman	Berwyn, Pa.
Todd Watters McDevitt	Jacksonville, Fla.	Hauke Pieter Van Gunst	Boca Raton, Fla.
Gary Cletus Mobley, Jr.	Lickville	Donna Renee Weaver	Woodruff
Richard Dean Moore	Mountain Rest	Nickie K. Weidick	New Castle, Del.
John Scott Moorer	Taylors	***David Eric Wilson	Graniteville
Bradley Raymond Myers	Easley		

COLLEGE OF FOREST AND RECREATION RESOURCES

BENTON HOLCOMB BOX, Dean

BACHELOR OF SCIENCE Forest Management

Ules Lee Barnwell III	Seneca	*Russell Alan Ross	Mauldin
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Forest Products

Charles Major Bauknight, Jr.	Columbia	Edward Eugene Ling	Moncks Corner
Charles Wayne Griffin	Cameron		

Parks, Recreation, and Tourism Management

Robert Donald Achenberg	Holmdel, N. J.	Lisa Darlene Jenkins	Atlanta, Ga.
Joan Dean Bauknight	Columbia	Cindra Ann Jud	Travelers Rest
Douglas Searl Beidler	Point Pleasant Beach, N. J.	Martha Anne Kay	Raleigh, N. C.
Tanya Kay Corbin	Mt. Pleasant	Junelle Karen Lathem	Easley
Michelle Anne Ferris	Lake Forest, Ill.	James Carl May III	Greenwood
Joy Lynne Fleming	Ambridge, Pa.	Kenneth Lionel Ponson	Aruba, N. A.
Phillip Gregory Garrison	Anderson	Jeffrey Lee Swanson	Blairstown, N. J.
*Jill Elizabeth Guthrie	Clearwater, Fla.	Billy Julian Weisner, Jr.	Easley
Luke Haymond	Clemson	Susan Rene Wilhelm	Morgantown, W. Va.
		†**Patricia Ricks Zimmerer	Pickens

COLLEGE OF LIBERAL ARTS

ROBERT ALFRED WALLER, Dean

BACHELOR OF ARTS

English

Jerry Jennings Alexander	Smyrna	Darragh Elizabeth Fohlin	Gorham, Maine
Sara Elizabeth Antonecchia	Katonah, N. Y.	Randall Scott Hewitt	Greer
Allen Jackson Barnes	Florence	Minnie Dana Lindsay	Easley
Michael Charles Barnes	Middletown, N. J.	***Susan DeGange Lovitt	Clemson
Carla Jean Duncan	Clemson	Mark Timothy Schoen	Aynor
Elisabeth Everts	Milford, Mich.	Lynn Marie Thornton	Westwood, Mass.

History

Mary Stuart Dawson	Charleston	Thomas Kenneth Littlejohn	Greenville
Mark David Emery	Raleigh, N. C.		

Modern Languages

John Brittain Buice	Isle of Palms	Doris Fu-Ling Wei	Greenville
Eric William Metzger	Oceanside, N. Y.		

Political Science

*Jill Cara Andrews	Columbia	Donald Christopher Hanna	Anderson
Sanjay Aneja	Clemson	Karen Elizabeth Jones	Clemson
Susan Shu-Ting Chen	Greer	Patricia Sims Redding	Panama City, Fla.
Amy Michelle Flier	Florissant, Mo.	William Floyd Tiller	Clinton
Conrad Haehner	San Jose, Costa Rica	Danny Ray Timmerman	Columbia

Psychology

William Sheldon Bethea	Latta	Elizabeth Jane Jacobsen	Ridgefield, Ct.
Philip Lowell Busching	Clemson	Robert Scott Laedlein	Charlotte, N. C.
Cynthia Lee Carter	Isle of Palms	†**Amy Kathryn Niles	Reynoldsburg, Ohio
Louise Peace Gaston	Denmark	Marlee Sue Schmolze	Waukesha, Wis.
Michele Anne Hansen	Rock Hill	*Barbara Lynn Stanley	Hartsville

Sociology

Leonard Sander Freiberg III	Binghamton, N. Y.	Robert John Pfeiffer	Charlotte, N. C.
Helen Lanette Garrison	Clemson		

DOUBLE MAJOR Economics and Spanish

James Robert Kenney	Chapel Hill, N. C.
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English and Political Science	
Robin Elaine Seabrook	Johns Island

COLLEGE OF NURSING

OPAL SHEPARD HIPPS, Dean

BACHELOR OF SCIENCE

Nursing

Harriet Rebecca Black	West Columbia	Meredith Lee Hinson	Lilburn, Ga.
Judith Ann Campbell	Easley	Anita Marieanne Hirtz	Huntington, L. I., N. Y.
Corrine Regina Cureton	West Union	Denise Johnson	Pelzer
Michelle Louise Davis	Charleston	Lisa Jean Marshall	Sumter
Janice Elaine Garrison	Greenville	Michelle Lyn Thomson	Ashtabula, Ohio
Alesia Denise Grant	Columbia	Toni Michelle Ward	Georgetown
Diana Marie Grant	Seneca	Deborah Renee Whatley	Cayce
Robin Leigh Heinlein	Chester		

COLLEGE OF SCIENCES

BOBBY GUINN WIXSON, Dean

BACHELOR OF ARTS

Chemistry

Nancy Ann Brock	Lexington	Meredith Shannon Mosteller	Gaffney
Maria Catherine Bures	St. Petersburg, Fla.		

Mathematical Sciences

Michael Alan Brown	Knoxville, Tenn.	Donna Lynn Cacciatore	Tampa, Fla.
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Zoology

Joseph Drew Lanham	
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BACHELOR OF SCIENCE

Biological Sciences

Mary Rheta Geddings	Charleston	Julie Anne Rountree	Lexington
William Robert Harmon, Jr.	Northville, Mich.		

Chemistry

Mary Kathryn Defenbaugh	Toccoa, Ga.	Alice Elizabeth Hawkes	Newberry
Karl Von Dial	Bennettsville	James Ragan Ormand	Roswell, Ga.

Computer Information Systems

Barry Phillip Brock	Easley	Lynda Cheryl Jensen	Mt. Pleasant
Julia Shirley Calhoun	Ninety Six	Steven Gregory Lothridge	Laurens
Jerri Gilstrap Channell	Easley	Michael Merlin	Lexington, Ky.
**Gregory John Groppe	Cincinnati, Ohio	William Stanley White, Jr.	Pelzer

Computer Science

Vonn Fritz Campbell	Walhalla	Robert Allan Koch	Omaha, Nebr.
Carl Robert Clark	Orangeburg	Rufus Wayne Martin	Seneca
Vincent Aaron De Lay	Sumter	Alan Paul Reber	Summerville
*Bryan Caldwell Estes	Greenville	Kenneth Alan Roulier	Selah, Wash.
Samuel Aundra Fryer	Greenville	*Timothy Glenn Simpkins	Lexington
Arna Angelina Knapp	Charleston	Gary LaFon Smith, Jr.	Myrtle Beach
Tav William Kobllick	Key Largo, Fla.		

Geology

William Randal Chapman	Easley
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Mathematical Sciences

Leanne Bertels	Seaford, Del.	Millicent Henry Kittrell	Anderson
†**Man-lai Alice Cheng	Hong Kong	Thomas Christopher Teal	Greenwood
*Sally Anne Karpinski	Williamston		

Microbiology

Carl Thomas Bailey	Greenville	Andrea Dell Hucks	Hartsville
Robert L. Bellsey	Spartanburg	Alan Turton Roberts	Savannah, Ga.
Angelique Clemson	Bellefonte, Pa.	Kimberly Faye Wilson	Lake City
Robert Samuel English, Jr.	Lancaster		

Physics

William Klugh Connor III	North Myrtle Beach	Anthony Christopher Spearman	Summerville
Porter Pierpont Morgan	Ramsey, N. J.		

Pre-Professional Studies

*Sonya Gail Kuivinen	Sylvania, Ohio
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Zoology

*Henry Cooper Black III	Columbia	**Mary Nan Ellenberg	Seneca
***Edward Dennis Crittenton, Jr.	Calhoun Falls	**Sonja Michelle Lemon	Aiken
Walter Cleveland Duffie, Jr.	Greenwood	Mary Elizabeth McCrary	Columbia

*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.



CLEMSON
UNIVERSITY
CENTENNIAL
1889-1989