

8-7-1982

# Clemson Commencement Program, August 1982

Clemson University

Follow this and additional works at: [https://tigerprints.clemson.edu/comm\\_programs](https://tigerprints.clemson.edu/comm_programs)

Materials in this collection may be protected by copyright law (Title 17, U.S. code). Use of these materials beyond the exceptions provided for in the Fair Use and Educational Use clauses of the U.S. Copyright Law may violate federal law.

For additional rights information, please contact Kirstin O'Keefe (kokeefe [at] clemson [dot] edu)

For additional information about the collections, please contact the Special Collections and Archives by phone at 864.656.3031 or via email at cuscl [at] clemson [dot] edu

---

## Recommended Citation

University, Clemson, "Clemson Commencement Program, August 1982" (1982). *Clemson Commencement Programs*. 70.  
[https://tigerprints.clemson.edu/comm\\_programs/70](https://tigerprints.clemson.edu/comm_programs/70)

This Article is brought to you for free and open access by the Academic Affairs at TigerPrints. It has been accepted for inclusion in Clemson Commencement Programs by an authorized administrator of TigerPrints. For more information, please contact [kokeefe@clemson.edu](mailto:kokeefe@clemson.edu).



# CLEMSON UNIVERSITY

Graduation Exercises

August 7, 1982

Clemson, South Carolina

# GRADUATION

Saturday, August 7, 1982

11:00 a. m. Littlejohn Coliseum

## Order of Ceremonies

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

## Invocation

The Reverend Richard Elliott  
University Campus Minister  
Holy Trinity Episcopal Church  
Clemson, South Carolina

## Conferring of Degrees and Delivery of Diplomas

President Bill L. Atchley

## Welcome to New Alumni

Jeffrey P. McNeill  
Director, Alumni Relations

## Benediction

Frank W. Breazeale, Organist

## CANDIDATES FOR BACHELORS' DEGREES

### COLLEGE OF AGRICULTURAL SCIENCES

LUTHER PERDEE ANDERSON, Dean

#### BACHELOR OF SCIENCE

##### Agricultural Economics and Rural Sociology

Oscar Lee Hughes III ----- Cordova

##### Agricultural Mechanization and Business

Gary Thomas Cantrell ----- Spartanburg \*James Raymond Dennis, Jr. ----- Canisteo, N. Y.

##### Animal Industries

George Allen Boudet ----- North Augusta Judith Marie Sughrue ----- Charleston  
Clarissa Farley Smith ----- Pendleton Allen Richard Williams ----- Rock Hill

##### Economic Biology

Barbara Jean Disney ----- Charleston

##### Plant Sciences

Anthony Mark Brown ----- North Augusta Edward Pringle Swails ----- Florence  
Toy Wayne Hyder ----- Campobello Edward LaFayette Timmerman, Jr. ----- Greenville

##### Pre-Professional Studies

\*Harry Lee Cunningham III ----- Greenville

### COLLEGE OF ARCHITECTURE

HARLAN EWART McCLURE, Dean

#### BACHELOR OF ARTS

##### Design

Michael Scott Collins ----- Florence

#### BACHELOR OF SCIENCE

##### Building Science and Management

Richard Allen Branyon ----- Greenville Clifton D. Wright III ----- Burke, Va.  
William Albert Sottile ----- Isle of Palms

##### Design

Joseph Lockwood Brown III ----- Tucker, Ga. \*Stephen Michael Davis ----- Fort Myers, Fla.  
Roscoe William Chambers ----- Beaufort James Otis Dunn, Jr. ----- Conway  
John Carol Clayton ----- Columbia David James Hilker ----- Chatham, N. J.  
Kevin Carradine Davis ----- Louisville, Ky. Thomas Lee Schimpf ----- Summerville

### COLLEGE OF COMMERCE AND INDUSTRY

RYAN CUSTER AMACHER, Dean

#### BACHELOR OF ARTS

##### Economics

Mark James Barhyte ----- Greenville Earle Gilreath Hungerford ----- Greenville  
Terrance Arthur Goodenough ----- Etobicoke, Ontario, Canada David James Murray ----- Greenville  
Dorothy Jane Robelot ----- Greenville  
Sherri Lynn Hicks ----- Smyrna, Ga. William Randolph Sturgis ----- Greenville

#### BACHELOR OF SCIENCE

##### Accounting

Caroline Sibley Bliss ----- Pinopolis Joseph Thomas MacConnell ----- Ocean City, N. J.  
Richard Allen Branyon ----- Greenville Patricia Sharon Major ----- Charleston  
Sherry Lynne Campbell ----- Taylors JoAnn Placko Michael ----- Clemson  
\*Martha Sutton Clamp ----- Anderson Audrey McCormick Pace ----- Orangeburg  
James Anthony Duvall ----- Baldwin, Md. Horace Richard Priestler III ----- Savannah, Ga.  
Pamela Doris Garrett ----- Greenville Sandra Hankins Smith ----- West Pelzer  
Dana Robert Hanson ----- Seneca Kirsten Maria Torbahn ----- Greenville  
Karen Elizabeth Lybrand ----- Wagener



### Administrative Management

Iris Cecil Ballard \_\_\_\_\_ Spartanburg  
Ann Davis Batson \_\_\_\_\_ Greenville  
Alan Keith Beeks \_\_\_\_\_ Laurens  
Virginia Harris Bowers \_\_\_\_\_ Knoxville, Tenn.  
Glenn Raymond Coggins \_\_\_\_\_ Spartanburg  
Catherine Lea Craig \_\_\_\_\_ Darien, Conn.  
Dana Lynn Crowe \_\_\_\_\_ Greenville  
William Carleton Dunn II \_\_\_\_\_ Mauldin  
Charles Hicklen Ferguson, Jr. \_\_\_\_\_ Great Falls  
Thomas Evan Griffith \_\_\_\_\_ Addison, N. Y.  
Barbara Lynn Gurley \_\_\_\_\_ Anderson  
Nancy Anne Hammond \_\_\_\_\_ Piedmont  
Tina Darlene Harrison \_\_\_\_\_ Six Mile  
Carolyn Dale Hill \_\_\_\_\_ Signal Mountain, Tenn.  
William Grey Humphrey, Jr. \_\_\_\_\_ Spartanburg  
Robert Edward Isola \_\_\_\_\_ Maitland, Fla.  
Jeffrey Scott Jenkins \_\_\_\_\_ Gastonia, N. C.  
Kathleen Marie Keeshen \_\_\_\_\_ Ridgefield, Conn.  
Mary Banks Macfarlane \_\_\_\_\_ Roanoke, Va.  
Jack Parker Miller \_\_\_\_\_ Greenville  
Robin Blake Neal \_\_\_\_\_ Columbia

\*\*\*Gregory Ingram Newsome \_\_\_\_\_ Salisbury, N. C.  
Damian Edobor Ogunsuvi \_\_\_\_\_ Benin City, Nigeria  
Terri Lynn Owen \_\_\_\_\_ Florence  
Anna Catherine Pickens \_\_\_\_\_ Anderson  
Ervin Randall Poole, Jr. \_\_\_\_\_ Charlotte, N. C.  
Alan Dale Rampey \_\_\_\_\_ Clemson  
Robert John Reagan \_\_\_\_\_ Cherry Hill, N. J.  
Bryan Livingston Smith \_\_\_\_\_ Cary, N. C.  
John Mark Smith III \_\_\_\_\_ Rock Hill  
Holly Lee Socha \_\_\_\_\_ Summerville  
Sidney Markey Stubbs \_\_\_\_\_ Mt. Pleasant  
Kathryn Tannehill \_\_\_\_\_ Dunwoody, Ga.  
Beverly Carol Thomas \_\_\_\_\_ Greenwood  
John Franklin Thomas IV \_\_\_\_\_ Wyckoff, N. J.  
Samuel Bernard Thomas \_\_\_\_\_ Clemson  
Elizabeth Lyle Trotter \_\_\_\_\_ Columbia  
Donald Bruce Vaughn \_\_\_\_\_ Bishopville  
Craig Roderick Vecchione \_\_\_\_\_ Rockaway, N. J.  
Kenneth Gregory Williams \_\_\_\_\_ Taylors  
Brian Carl Wilson \_\_\_\_\_ Spartanburg

### Economics

John Arnold Borgelt \_\_\_\_\_ Rock Hill  
Carol Lee Bowie \_\_\_\_\_ Anderson  
Robert Eugene Mann \_\_\_\_\_ Annapolis, Md.  
\*\*\*Jean Edouard Pougner \_\_\_\_\_ Geneva, Switzerland

Christopher Noel Shuman \_\_\_\_\_ Atlanta, Ga.  
Kevin Weldon Sightler \_\_\_\_\_ Pendleton  
David Ray Skiba \_\_\_\_\_ Baltimore, Md.

### Financial Management

William Drane Berry \_\_\_\_\_ Johnston  
Richard Allen Branyon \_\_\_\_\_ Greenville  
Wallace Kirk Crawford \_\_\_\_\_ Cheraw  
William Otis Duke, Jr. \_\_\_\_\_ Goose Creek  
Nancy Harvey Elam \_\_\_\_\_ Statesville, N. C.  
Charles Davis Ely \_\_\_\_\_ Jacksonville, Fla.  
Julie Anne Harner \_\_\_\_\_ Hanahan

Lucia Evelyn Jordan \_\_\_\_\_ Greenville  
Melvin Oliver Lane III \_\_\_\_\_ Yemassee  
\*Anne Durham McMurria \_\_\_\_\_ Greenville  
James Patrick McNamara, Jr. \_\_\_\_\_ Greenville  
Frances Ann O'Leary \_\_\_\_\_ Edgefield  
Mary Deanette Sandifer \_\_\_\_\_ Florence  
Hamlin Mcbee Withington \_\_\_\_\_ Greenville

### Industrial Management

Robert Powell Brock \_\_\_\_\_ Easley  
Donna Lynn Carrel \_\_\_\_\_ Richmond, Va.  
Frank Blodgett Edwards III \_\_\_\_\_ Greer  
Rudolph Heaner Kemmerlin, Jr. \_\_\_\_\_ Charleston  
Jan Eastham Kuckens \_\_\_\_\_ Greenville

Mark Christopher Robba \_\_\_\_\_ Clemson  
Thomas King Saxe \_\_\_\_\_ Stamford, Conn.  
David Ray Skiba \_\_\_\_\_ Baltimore, Md.  
\*Timothy King Swygert \_\_\_\_\_ Gaffney  
Carl Herman Zart III \_\_\_\_\_ Jacksonville, Fla.

### Textile Chemistry

Charles Bradley Owens \_\_\_\_\_ Easley

## COLLEGE OF EDUCATION

JAMES EDWARD MATTHEWS, Acting Dean

### BACHELOR OF ARTS

#### Early Childhood Education

Mary Katherine Mills Bryan \_\_\_\_\_ Clemson  
Nancy Anne Pekrul \_\_\_\_\_ Clemson

\*\*Betty Jean Robinson \_\_\_\_\_ Easley  
Katherine Kim Thomason \_\_\_\_\_ Florence

#### Elementary Education

\*Jamie Skees Boutelle \_\_\_\_\_ Anderson  
Nancy DeLong Huff \_\_\_\_\_ Hartsville  
Jill Crocker Lewis \_\_\_\_\_ Johnsonville  
Patricia Ridgeway McDaniel \_\_\_\_\_ Anderson  
Mary Kay McKinnon \_\_\_\_\_ St. George

Kimberlee Jane Parnell \_\_\_\_\_ Hilton Head Island  
Joanne Nelson Thompson \_\_\_\_\_ Orange Park, Fla.  
Margie Bonte Williams \_\_\_\_\_ Honea Path  
Lesa Dawn Wilson \_\_\_\_\_ Anderson

### Secondary Education

Timothy James Cottle	Columbia	Jeffrey Dean Hazle	Anderson
James Robert Cox	Pickens	John Phillip Marden	Spartanburg
James Ronnie DuPre	Walhalla	Jonathan Elliott Taylor	Greenville

### BACHELOR OF SCIENCE

#### Agricultural Education

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

Clinton Daniel Henderson, Jr. Aiken

#### Industrial Education

Carolyn Yvette Brown	Greenville	Steven Glenn Harper	Greenville
Michael Anthony Causey	Columbia	George Michael Pinner	Peak
Russell Avery Courtney	Latta	Margaret Greenwood Sherrill	Clemson
Angela Cynthia Griffin	Tailors	David Wayne Stastny	Anderson

#### Science Teaching

**Angela Gail Cobb	Westminster	Bradley Dave Gilden	Seneca
Randy Edward Crolley	Cayce		

## 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.)

Ricky Edward Capps	Hendersonville, N. C.	William Scott Ritchie	Aiken
--------------------	-----------------------	-----------------------	-------

#### Chemical Engineering

**William Paul Bell	Hartsville	Leslie Alan Cabiness	Hanahan
Nancy Marie Blomgren	Hendersonville, N. C.	**William Franklin Crawford, Jr.	Greenville
Robert Keith Bouknight	Leesville	*Norman Keaton Fox	Williston

#### Civil Engineering

Carolyn Leigh Bird	Charleston	Theodore Anthony Manes	Tega Cay
William Joseph Brewer	Ocala, Fla.	Hamid Reza Mohsseni	Greenville
Kenneth Robert Burger	Arnold, Md.	Alex Benjamin Rankin	Marion
Olin Dewitt Hunter, Jr.	Griffin, Ga.	John Saint Clair White	Bluefield, W. Va.
Dwight Stephen Kurtz	Union	Becky Jones Wilder	Graniteville

#### Computer Engineering

*David Aro Bruton III	Germantown, Tenn.	Ronnie Dale Fulbright	Spartanburg
-----------------------	-------------------	-----------------------	-------------

#### Electrical Engineering

Todd Forrest Churchill	North Palm Beach, Fla.	Aboufazi Pouramin	Tehran, Iran
†***Steven Wayne Cox	Greenville	Peter Mark Snowball	Spartanburg
Kent Edwin Davis	Greenwood	Anthony Walker Sowell	Oakley
Stanley Scott DuBose	Sumter	John Thomas Venable	Easley
Said Abdol-Madjid Mousavi	Tehran, Iran		

#### Engineering Analysis

Timothy John Finigan	Greeneville, Tenn.	Thad 'O' Grantham	Goose Creek
----------------------	--------------------	-------------------	-------------

#### Engineering Technology

Thomas Edward Derriso	Easley	Charles Albert Moxley	Mountain Rest
William Christopher Ghent	Lancaster	Robert Ayer Richardson	Columbia
Frendessa Ann Hagood	Pendleton	Robert Grady Riley	Piedmont
William Christopher Harpe	Asheville, N. C.	Polly Ann Wade	Marietta, Ga.
Mark Avery Moore	Kings Mountain, N. C.		



### Mechanical Engineering

*John Snyder Church	Aiken	David Scott Maw	Spartanburg
**David William Clark	Palatka, Fla.	Johnny Wayne Merck	Six Mile
Dana Grant Darley	Atlanta, Ga.	Michael Karl Natusch	Clover
Jeffrey Brian Hawes	Walterboro	Stephen DeWitt Nester	Basking Ridge, N. J.
Gary Beck Hayden	Ladson	Joe Reid Price, Jr.	Taylors
**Max Alan Hipps	Simpsonville	Jon Paul Rust	Great Valley, N. Y.
*David Mark Johnson	West Sayville, N. Y.	Thomas Charles Shultzaberger	Cortland, N. Y.
Valerie Ann Klengson	Taylors	Mark Allan Smith	Greenville
Robert Bruce Looney, Jr.	Aiken	**Stephen Wayne Steadings	Spartanburg
Lawrence Lee Mackinson	Van Wyck	Jack Edwin Wooten	Greenville

## COLLEGE OF FOREST AND RECREATION RESOURCES

BENTON HOLCOMB BOX, Dean

### BACHELOR OF SCIENCE

#### Forest Management

Charles Preston Fout	Fort Lauderdale, Fla.	Michael Chris Georges	Greenville
----------------------	-----------------------	-----------------------	------------

#### Recreation and Park Administration

James Earl Bennett III	Cheraw	George Patrick McLeer	Chamblee, Ga.
John Nicholas Bowman	Crossville, Tenn.	Kim Marie Phillips	Pacolet
Susan Elizabeth Cudd	Spartanburg	*Susan Bynum Platt	Columbia
Sylvia June Floyd	Marion	Pamela Savonne Putman	Greenville
Suzanna Louise Gailey	Mt. Lebanon, Pa.	Dale Lee Randall	Spartanburg
Thomas Glen Gray	Lyman	Donna Marion Schneider	Anderson
Rhonda Kay Lisk	Rock Hill	Karen Aleise Schultz	Aiken
Gary Edward Ludwig	Wayne, N.J.	James Leo Speros	Potomac, Md.

#### Wood Utilization

Sarah Jane Lupfer	Kissimmee, Fla.
-------------------	-----------------

## COLLEGE OF LIBERAL ARTS

ROBERT ALFRED WALLER, Dean

### BACHELOR OF ARTS

#### English

Nancy Savold Barber	Williamsburg, Va.	Sheri Ann Ramsay	North Augusta
Gary Keith Brackett	Seneca	James Dickens Rodeffer	Fernandina Beach, Fla.

#### History

Lisa Rebecca Smolowsky	Langley
------------------------	---------

#### Modern Languages

Amy Teresa Anders	Cleveland
-------------------	-----------

#### Political Science

Mary Ann Margaret Argen	Buffalo, N. Y.	Colleen Ann Kelly	Short Hills, N. J.
Robert Russell Boggs	Anderson		

#### Psychology

Michael Reed Clarke	Pickens	Julie Leslyn Richards	Cocoa Beach, Fla.
Sabrina Ann Harrison	Greenville	Shelia Doris Richardson	Seneca
Thomas Franklin McAfee IV	Greenville	Julia Foster Richey	Liberty

#### Sociology

Kerrie Sue Bunting	Herndon, Va.	Kimberly Stevenson Hurley	Gray Court
Marjorie Teresa Capps	Marietta	Jerrie Lynn Montjoy	Greenwood
Sandra Lee Diekroeger	Atlanta, Ga.	Jane Claire Zeigler	North Augusta
Marc Patrick Fagan	Little Silver, N. J.		

#### Double Major

#### English and History

*Elizabeth Schuyler Coykendall	Landgrove, Vt.
--------------------------------	----------------

## COLLEGE OF NURSING

MARY MARGARET LOHR, Dean

### BACHELOR OF SCIENCE Nursing

Sally Kirkland Gray ----- Orangeburg Theresa Ann Sims ----- Greenville

## COLLEGE OF SCIENCES

HENRY ELLIOTT VOGEL, Dean

### BACHELOR OF ARTS Mathematical Sciences

John Bural Zelgler ----- Florence

### BACHELOR OF SCIENCE Computer Science

Elizabeth Allen Flowers ----- Deland, Fla.

### Geology

Kathleen Annette Goggans ----- Greenville \*George Wesley McCall ----- New Prospect  
Richard Allyn Hill ----- Greer George Edward Springston ----- New Prospect  
James Dean Kotti ----- North Augusta

### Mathematical Sciences

Michael Alton Campbell ----- Camden Charles Holland McKnight ----- Shreveport, La.  
Rodney Dale Madden ----- Belton Mark Stephen Mulkey ----- Orangeburg

### Medical Technology

\*\*Polly Anne Fagg ----- Anderson \*Karen Anne Musen ----- Blackville  
\*\*Tommie Rhetta Hamlin ----- Anderson Cindy Darlene Risinger ----- Lexington  
Larry Wayne Moore ----- Pageland Eva Traylor Shaw ----- Macon, Ga.

### Microbiology

Robert Steven Clark ----- Greenville Tracy Yvonne McBee ----- Greenville

### Physics

Dean Ellison Belk ----- Darlington

\* 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 division honors: The students so designated have earned a B or better in 12 credits of honors work at the upper division level, have a minimum GPR overall of 3.00, and have been recommended by their department or college.



# CANDIDATES FOR EDUCATIONAL SPECIALIST AND MASTERS' DEGREES

ARNOLD EDWARD SCHWARTZ, Dean, Graduate School

## COLLEGE OF AGRICULTURAL SCIENCES

### MASTER OF AGRICULTURE

Mitchell Edgar Binnarr \_\_\_\_\_ Goose Creek  
Ijeoma Ndidi Elizabeth Iriele \_\_\_\_\_ Lagos, Nigeria  
Ibrahim Rashid Najim \_\_\_\_\_ Kwesindjak, Iraq  
Constantino Vasilious Nicopoulos \_ Shelby, N. C.  
Philip Rodney Perry \_\_\_\_\_ Saluda

### MASTER OF NUTRITIONAL SCIENCES

Margaret Worthington Kemp \_\_\_\_\_ Welcome, Md.  
Curtis Warren Wolfe \_\_\_\_\_ Denver, Colo.

### MASTER OF SCIENCE

#### Agricultural Economics

Vickie Jordan Alexander \_\_\_\_\_ Townville  
John Clark Bergstrom \_\_\_\_\_ Silver Spring, Md.  
Miriam Olga Hair \_\_\_\_\_ Greenwood  
George Herbert Miller \_\_\_\_\_ Nassau, Bahamas

#### Agronomy

Edward Leland Ramseur \_\_\_\_\_ Greenville

#### Animal and Food Industries

Michael Frederick Zink \_\_\_\_\_ Piedmont

#### Entomology

Douglas Roy Allen \_\_\_\_\_ Aiken  
Anthony Lee Estes \_\_\_\_\_ North Vernon, Ind.  
Billy Wayne Fuller \_\_\_\_\_ Phenix City, Ala.  
Edward Miles Jones \_\_\_\_\_ Kinston, N. C.  
William Randolph Martin \_\_\_\_\_ Park Forest, Ill.

#### Nutrition

Jay Russell Bishop \_\_\_\_\_ Newry  
Christine Mona Gagne \_\_\_\_\_ Miami, Fla.  
Heidi Anne Heidecker \_\_\_\_\_ Waterford, Pa.  
Elizabeth Ann Nichter \_\_\_\_\_ Anderson

#### Wildlife Biology

Dean Edward Harrigal \_\_\_\_\_ Aiken  
Susan Pete Heller \_\_\_\_\_ Easton, Pa.

## COLLEGE OF ARCHITECTURE

### MASTER OF ARCHITECTURE

Charles Thomas Vinson \_\_\_\_\_ Alexandria, Va.

## COLLEGE OF COMMERCE AND INDUSTRY

### MASTER OF ARTS

#### Economics

Patricia Joan Euzent \_\_\_\_\_ Baltimore, Md.  
Woodrow Wilson Hughes, Jr. \_\_\_\_\_ Taylors  
Sharon Bowen Watson \_\_\_\_\_ Greenville

### MASTER OF SCIENCE

#### Management

Van George Haven Clouse \_\_\_\_\_ Spartanburg  
Zehra Mine Elicin \_\_\_\_\_ Nicosia, Cyprus  
James Hugh Horner, Jr. \_\_\_\_\_ Chester

## COLLEGE OF EDUCATION

### EDUCATIONAL SPECIALIST Administration and Supervision

Gilda Ann Alexander .....	Easley	Thomas Walter Williams .....	Greenwood
Ronnie Rex Black .....	Easley		

### MASTER OF AGRICULTURAL EDUCATION

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

David Byrne Fleming .....	Liberty	Samuel Fulton Roper .....	Piedmont
Cynthia Gaertner Moore .....	Greenville		

### MASTER OF EDUCATION Administration and Supervision

Janell Harris Alston .....	Greenwood	Betty Willis McDaniel .....	Pickens
Debra Jean Cox .....	Tailors	William Burke Royster .....	Anderson
Elizabeth Boozer Dalton .....	Pickens	Ann Drennon Self .....	Anderson
Joe Malcolm Dowis .....	Seneca	Timothy Charles Swain .....	
David Fogg Hall, Jr. ....	Greenville		International Falls, Minn.
Thomas Lewis Joy .....	Piedmont	Pollianee Seegars Vaughn .....	Clemson
Jerry Edward Lyles .....	Westminster		

### Elementary Education

Mary Linda Aichele .....	Charleston	Miriam Ballentine Leaphart .....	Prosperity
Gail Fields Ashley .....	Honea Path	Jill Gossett Martin .....	Spartanburg
Ann Dillashaw Botts .....	Abbeville	Sharon Raylene Morgan .....	Greenville
Nancy Jackson Bryson .....	Six Mile	Cathy Craft Neely .....	Greer
Marilyn Wilson Buchanan .....	Laurens	Mary Frances Parker .....	Anderson
Marsha Thompson Campbell .....	Anderson	Ralphine Estes Patterson .....	Clinton
Julia Jay Day .....	Greenville	Sandra Hogsed Payne .....	Toccoa, Ga.
Ann Beckham Gainey .....	Dillon	Willette Poole .....	Westminster
Clarence Elwell Gilstrap, Jr. ....	Sunset	Nancy Hagood Rhyner .....	Pickens
Berta Kay Hagler .....	Laurens	Carol Cleland Rowland .....	Westminster
Deborah Anne Hatchell .....	Ware Shoals	Jean Haddon Schelechow .....	Donalds
Malissa Wilson Hawkins .....	Greenville	Lynne Renee Smith .....	Orangeburg
Elaine Graham Heller .....	Cary, N. C.	Alice Parnell Thompson .....	Greenwood
Tracey Leigh Hendrix .....	Anderson	Mildred Long Unger .....	Silverstreet
Brenda Ward Knight .....	Anderson	Martha Ann Vaughan .....	Fountain Inn
Nancy Padgett Lanford .....	Walterboro		

### Personnel Services

Elizabeth Mae Black .....	Greenville	David Michael Phillips .....	Walhalla
Susan Wright Coleman .....	Anderson	Anne Henderson Reed .....	Simpsonville
Linda Watkins Fashanu .....	Anderson	Brigitte Schran Scott .....	
William Neal Hicks .....	Pendleton		Leverkusen, West Germany
Janet Lee Jones .....	Ware Shoals	Melinda Lee Scott .....	Aiken
Paula Cole Keller .....	Clemson	Melanie Jane Williams .....	Clemson
Blondell Benson Nesbitt .....	Woodruff	Sara Elizabeth Wise .....	Greenville
Linda Lee O'Kelley .....	Seneca		

### Reading

Sarah Cunningham Beasley .....	Fountain Inn	Carol Ann Marie Kern .....	Clemson
Mary Bailey Bryson .....	West Union	Susan Yates Lark .....	Anderson
Edna Diann Curtis .....	Seneca	Karen Beth Lawrimore .....	Charleston
Katherine Garrett DuBois .....	Greenville	Georgia Westbrook Ormand .....	Easley
Jeryl Wittenberg Hollingsworth ..	LaCrosse, Wis.	Donna Owens Tuten .....	Gainseville, Fla.
May Copeland Hudson .....	Ehrhardt	Patricia Stevenson Woodson .....	Greenwood

### Secondary Education

Louise Showalter Rambo ..... Greenwood

### MASTER OF INDUSTRIAL EDUCATION

Denise Boyd Grant .....	Andrews	Theodore Foster King .....	Central
Roger Edward Grippe .....	Corintli, N. Y.	William Allan Langston .....	Seneca
Samuel Turner Ingram .....	Mooreville, N. C.		

## COLLEGE OF ENGINEERING

### MASTER OF SCIENCE

#### Agricultural Engineering

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

Charles Fletcher Armstrong \_ Surgoinsville, Tenn.

#### Bioengineering

Michael Francis DeMane \_\_\_\_\_ Clemson Kurt Wolfgang Markgraf \_\_\_\_ Belleair Bluffs, Fla.

#### Ceramic Engineering

Jean Marie Clinton \_\_\_\_\_ Columbia Kurt Clinton Rowan \_\_\_\_\_ Greenville

#### Chemical Engineering

Joseph Francis Brainovich, Jr. \_\_\_\_\_ Charleston Randolph Stephen Hahn \_\_\_\_\_ Spartanburg

#### Civil Engineering

William Owens Connor \_\_\_\_\_ Bowman William Wyatt Hunter \_\_\_\_\_ Easley

#### Electrical Engineering

I-Tau Chang \_\_\_\_\_ Taipei, Taiwan William Roy Lambert \_\_\_\_\_ Clemson

Eric Shih-Kuang Chen \_\_\_\_\_ Taipei, Taiwan Hong Le \_\_\_\_\_ Taipei, Taiwan

#### Engineering Mechanics

Lih-Shyng Tzeng \_\_\_\_\_ Taipei, Taiwan

#### Environmental Systems Engineering

Margaret Elizabeth Markey \_\_ Schenectady, N. Y. Allison Djerf Ranson \_\_\_\_\_ Concord, Mass.

Michael Earl Perry \_\_\_\_\_ Dothan, Ala. Melonie May Sviatyla \_\_\_\_\_ Vestal, N. Y.

#### Mechanical Engineering

Rajiv Vishnudutt Dubey \_\_\_\_\_ Bombay, India Marion Kent Jenkins \_\_\_\_\_ Laurens

#### Systems Engineering

Jose Manuel Noriega Mendoza \_\_ Mexico City, Mexico

## COLLEGE OF FOREST AND RECREATION RESOURCES

### MASTER OF FORESTRY

Robert Jay Chlebnikow \_\_\_\_\_ Hagerstown, Md. Ronald Thomas Collins \_\_\_\_\_ Central

### MASTER OF RECREATION AND PARK ADMINISTRATION

Jacquelyn Skinner Galphin \_\_\_\_ Wrightsville, Ga. Vickie Lynn Lang \_\_\_\_\_ Summerville

Denise Mills Kelly \_\_\_\_\_ Travelers Rest Colleen Shannon Robertson \_\_\_\_\_ Charleston

### MASTER OF SCIENCE

#### Forestry

Bradford Lynn Barber \_\_\_\_\_ Aiken Michael Thomas Mengak \_\_\_\_ Mountain Top, Pa.

## COLLEGE OF LIBERAL ARTS

### MASTER OF ARTS

#### English

James Stanton Beggs \_\_\_\_\_ Atlanta, Ga.

Samir Busovaca \_\_\_\_\_ Sarajevo, Yugoslavia

Donna Jean Gunter \_\_\_\_\_ Charlotte, N. C.

N. Luanne Jenkins Hurst \_\_\_\_\_ Greenville

Barbara Jeanne Ramirez \_\_\_\_\_ Seneca

Michael Edward Rukstelis \_\_\_\_ Flagstaff, Arizona

Janette Johnson St. Vincent \_\_\_\_\_ Clayton, Ga.



## COLLEGE OF NURSING

### MASTER OF SCIENCE Family Health Nursing

Jessie Ivey Broderick \_\_\_\_\_ Mauldin      Lorraine Rodrigues Fisher \_\_\_\_\_ Pendleton

## COLLEGE OF SCIENCES

### MASTER OF SCIENCE

#### Biochemistry

Cindy Putnam Evans \_\_\_\_\_ Boiling Springs, N. C.

#### Chemistry

Ying Jo Wong \_\_\_\_\_ Hong Kong

#### Mathematical Sciences

Rhonda Lavern Aull _____	Pomaria	Cheryl Lynn Jones _____	Lakewood, Ohio
Orlyn Hans Bostelmann _____	Clemson	Patrick Joseph Lentz _____	Savannah, Ga.
Karen Elizabeth Buell _____	Bethel Park, Pa.	Nancy Lee Smith _____	Pensacola, Fla.
Victor Chien _____	Shanghai, China	Steven Jay Thobe _____	Maria Stein, Ohio
Mary Anne Fields _____	Louisville, Ky.	Timothy John Williams _____	Thibodaux, La.

#### Microbiology

Rebecca Crosby Armstrong _____	Clemson	Luther Edgar Lindler _____	Taylorsville, N. C.
Robert Keller Hall _____	Myrtle Beach	Lindsey Davis Lupo _____	Greenville
Barbara Susan Ink _____	Rockville, Md.		

#### Physics

Cynthia LaVerne Cash \_\_\_\_\_ Statesville, N. C.

#### Zoology

Penny Burnett Travis \_\_\_\_\_ Washington, D. C.

## CANDIDATES FOR DOCTORS' DEGREES

ARNOLD EDWARD SCHWARTZ, Dean, Graduate School

### COLLEGE OF AGRICULTURAL SCIENCES

#### DOCTOR OF PHILOSOPHY

##### Agronomy

Nancy Hilton Walker ----- Anderson  
B.A., Emory University  
Dissertation: Selection for Stomatal Characteristics in Tall Fescue and Hardinggrass

##### Entomology

Robert William Kelley ----- Clemson  
B.S., Davidson College; M.S., Clemson University  
Dissertation: The Micro-Caddisfly Genus *Oxyethira* (Trichoptera: Hydroptilidae): Morphology, Biogeography, Evolution and Classification

##### Plant Physiology

Kurt Darden Getsinger ----- Chapel Hill, N. C.  
B.S., Campbell College; M.A., East Carolina University  
Dissertation: The Life Cycle and Physiology of *Egeria densa* Planch. in Lake Marion, South Carolina

### COLLEGE OF COMMERCE AND INDUSTRY

#### DOCTOR OF PHILOSOPHY

##### Management Science

Lewis Andy Litteral ----- Forest Park, Ga.  
B.S., Georgia Southern College; M.S., Clemson University  
Dissertation: An Integrated Model Set to Investigate the Effects of Design Alternatives on the Availability and Logistics Support Requirements of Weapon Systems

Michael David Oliff ----- Fairfax, Va.  
B.A., Appalachian State University  
Dissertation: An Integrated Production Planning Model for Multi Product Parallel Processor Environments

John Franklin Rudisill ----- Lincolnton, N. C.  
B.A., Appalachian State University; M.S., Clemson University  
Dissertation: A Simulation Model for Evaluating the Performance and Cost Effectiveness of a Residential Photovoltaic Energy System

##### Textile and Polymer Science

Deborah Alyce Kimmitt ----- Liberty  
B.S., M.S., Clemson University  
Dissertation: Vapor Transport in Polymeric Membranes — Design and Development of a Semi-permeable Barrier Fabric

Joyce Alene Monson ----- Hastings, Neb.  
B.S., University of Nebraska; M.S., Clemson University  
Dissertation: A Study of the Relationship Between Carpet Mechanical Properties and Increases in Carpet Dimensions During Use

## COLLEGE OF ENGINEERING

### DOCTOR OF PHILOSOPHY Engineering

Lokeswarappa Rudrappa Dharani ----- Bangalore, India  
B.E., University of Mysore; M.Tech., Indian Institute of Technology Kanpur; M.S., Cranfield Institute of Technology

Dissertation: Analysis of a Hybrid, Uni-Directional Laminate With Damage (Field of Specialization: Engineering Mechanics)

John Davison Dietz ----- Clemson  
B.S., M.S., University of Illinois

Dissertation: Clarification Mechanisms for a Flocculent Slurry (Field of Specialization: Environmental Systems Engineering)

Dale Scott Feldman ----- Bryan, Texas  
B.S., Northwestern University; M.S., University of Dayton

Dissertation: Biological Spacers Around Percutaneous Implants: Histological Interface Study (Field of Specialization: Bioengineering)

Jimmy Eugene Fowler ----- Lockhart  
B.S., M.E., Clemson University

Dissertation: A New Vapor Budget Technique for Evaporation Measurement from Open Water Bodies (Field of Specialization: Civil Engineering)

Imtiaz Ul Haque ----- Lahore, Pakistan  
B.S., West Pakistan University of Engineering and Technology; M.S., Clemson University

Dissertation: Development and Use of Analytical and Experimental Techniques for the Estimation of Creep Coefficients for a Passenger Vehicle on a Roller Rig (Field of Specialization: Engineering Mechanics)

Walter Fleming Jones ----- Anderson  
B.S., M.S., Clemson University

Dissertation: Internal Damage Growth in Unidirectional Boron/Aluminum Composite Laminates (Field of Specialization: Engineering Mechanics)

Ashok Pandit ----- Clemson  
B.S., Indian Institute of Technology; M.S., Clemson University

Dissertation: Numerical Simulation of Contaminant Transport Problems in Groundwater Using the Finite Element Method (Field of Specialization: Civil Engineering)

John Russell Schultz ----- Palos Park, Ill.  
B.S., Purdue University; M.S., Clemson University

Dissertation: PACT Process Mechanisms (Field of Specialization: Environmental Systems Engineering)

## COLLEGE OF SCIENCES

### DOCTOR OF PHILOSOPHY Biochemistry

Gordon Claude Cannon ----- Honea Path  
B.S., Clemson University

Dissertation: Carboxysomes and CO<sub>2</sub> Fixation in *Thiobacillus neapolitanus*

### Chemistry

Stephen Frederick Clark ----- Fabius, N. Y.  
B.A., State University of New York at Potsdam

Dissertation: The Stereochemical Consequences of the Ligand Field Irradiation of d<sup>6</sup> Transition Metal Complexes



Gary Francis Hillenbrand ----- Chillicothe, Ohio  
B.A., Evansville College

Dissertation: Synthetic Approaches to Polyhydroxyagarofurans

Jack Fontaine McKenna ----- Clemson  
B.S., Clemson University

Dissertation: An Investigation of Deuteron Quadrupole Coupling Constants by Deuteron Nuclear Magnetic Resonance Spectroscopy

#### Mathematical Sciences

Roland Bertram Minton ----- Richmond, Va.  
B.S., Virginia Commonwealth University; M.S., Clemson University

Dissertation: An Operator Approach to Linear-Quadratic Stochastic Control Theory

#### Physics

Claud Franklin Elliott ----- Robertstown, Ga.  
B.S., North Georgia College

Dissertation: A Computer Study of a Variable Nonharmonic Oscillator Model and a Computer Simulation of the Mechanical Properties of Nonwoven Fabrics

Joe Dale Patton ----- Wichita Falls, Texas  
B.S., Midwestern University

Dissertation: A Study of the *in vivo* Kinetics and Thermal Inhibition of the Rejoining of Single-Strand Breaks Induced by Methyl Methane Sulfonate and the Repair of U. V. Induced Dimers in the DNA of Chicken Embryo Fibroblasts

#### Zoology

Mitchell Irwin Chernin ----- Clemson  
B.S., Southeastern Massachusetts University; M.S., University of Guam

Dissertation: Molecular Cloning and Expression of the Amylase Gene of *Drosophila pseudoobscura* in *Escherichia coli*

## 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 always.

### 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.