

8-12-1978

# Clemson Commencement Program, August 1978

Clemson University

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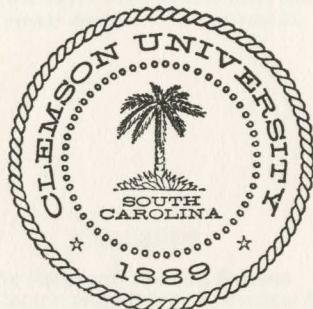
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# CLEMSON UNIVERSITY

Graduation Exercises

August 12, 1978

Clemson, South Carolina

# **GRADUATION**

**Saturday, August 12, 1978**

**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 Howard Backus  
Assistant Rector, Holy Trinity Episcopal Church  
Clemson, South Carolina**

### **Conferring of Degrees and Delivery of Diplomas**

**President Robert C. Edwards**

### **Benediction**

**Frank W. Breazeale, Organist**

## CANDIDATES FOR BACHELORS' DEGREES

### COLLEGE OF AGRICULTURAL SCIENCES

LUTHER PERDEE ANDERSON, Dean

#### BACHELOR OF SCIENCE

##### Agricultural Mechanization and Business

David Derrick Bauknight \_\_\_\_\_ Irmo      David Bruce Baxley \_\_\_\_\_ Aynor

##### Animal Industries

†\*\*William Harry Amspacher, Jr. \_\_\_\_\_ Pickens      Lewis Glosson Sheffield \_\_\_\_\_ Lynchburg  
Raymond Lee Fowler, Jr. \_\_\_\_\_ Bennettsville      Violet Maryann Swyert \_\_\_\_\_ Lexington  
James Monroe Neel IV \_\_\_\_\_ Aubrey, Ga.

##### Economic Biology

Osborn Earl Baker III \_\_\_\_\_ Columbia      George Thomas Heard \_\_\_\_\_ Greenville  
Margaret Danette Begemann \_\_\_\_\_ Rock Hill      Brian Leslee Sutton \_\_\_\_\_ Clarkesville, Ga.

##### Plant Sciences

Alan David Arant \_\_\_\_\_ Fort Motte      John Travis Elmore \_\_\_\_\_ Laurens  
\*Rosemary Ryder Brown \_\_\_\_\_ Greenville      Cecil Irby Hazel, Jr. \_\_\_\_\_ Mauldin  
Carol Ann Carson \_\_\_\_\_ Gaffney      \*Marianne Eugenie Myrick \_\_\_\_\_ Greenville  
Rena Bee Elliott \_\_\_\_\_ Aiken      Joanne Smith \_\_\_\_\_ Greenwood

##### Pre-Professional Studies

\*David Lawrence Brown, Jr. \_\_\_\_\_ Lake City      \*David Michael Pinson \_\_\_\_\_ Aiken

### COLLEGE OF ARCHITECTURE

HARLAN EWART McCLURE, Dean

#### BACHELOR OF ARTS

##### Pre-Architecture

Theresa Joan Bowen \_\_\_\_\_ Ocean City, N. J.      \*Ruth Elias \_\_\_\_\_ New York, N. Y.

#### BACHELOR OF SCIENCE

##### Building Construction

Christian Thomas Fitzgerald \_\_\_\_\_ Cranford, N. J.

##### Pre-Architecture

\*David John Allison \_\_\_\_\_ Norristown, Pa.      John Lee Watkins \_\_\_\_\_ Miami, Fla.  
William Edward Burroughs \_\_\_\_\_ Elmira, N. Y.      Claude Edward Watt, Jr. \_\_\_\_\_ Spartanburg

### COLLEGE OF EDUCATION

HAROLD FOCHONE LANDRITH, Dean

#### BACHELOR OF ARTS

##### Early Childhood Education

Deborah Bishop Boyden \_\_\_\_\_ Arlington, Va.      \*Sandra Poole Kerns \_\_\_\_\_ Greenville  
Margaret Suzanne Burch \_\_\_\_\_ Chesterfield

##### Elementary Education

Kathy Owens Anthony \_\_\_\_\_ Greenville      Patricia Jean McLellan \_\_\_\_\_ Darlington  
Tamara Ann Bashor \_\_\_\_\_ Conway      \*\*Ginger Beck Parker \_\_\_\_\_ Ozark, Ala.  
Mary Ann Fant Browne \_\_\_\_\_ Anderson      \*\*Susan Taylor Reamer \_\_\_\_\_ Greenville  
Brian Eugene Kier \_\_\_\_\_ Haines City, Fla.      \*Carol Jo Werner \_\_\_\_\_ Honea Path  
\*\*Nancy Johnson Lasater \_\_\_\_\_ Anderson

<b>Secondary Education</b>			
Randy Morgan Barnes	Chester	*Donna Louise Holcombe	Easley
Rebecca Jane Bradham	Conway	Jennie Rhodes Simmons	Greenwood
*Sandra Periene Davis	Spartanburg	*Susan Gail Thomas	Seneca

### BACHELOR OF SCIENCE

#### Agricultural Education

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

Henry Stewart Glenn, Jr. Anderson

#### Industrial Education

Malcolm Fletcher Anderson, Jr.	Camden	Leonard Allen Williams	Anderson
Clarence Ralph Garrett, Jr.	Laurens		

#### Science Teaching

*Carrie Lockaby Burgess	Travelers Rest	Thomas Andrew Young	Anderson
Richard Scott Clark	Chesterfield		

## COLLEGE OF ENGINEERING

LYLE CHESTER WILCOX, Dean

### BACHELOR OF SCIENCE

#### Agricultural Engineering

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

Guy Adair Tumblin, Jr. Clinton

#### Ceramic Engineering

Robert Nathan Anderson Clemson

#### Chemical Engineering

William Steven Armstrong	Gray Court	Mutasim Abid Khayri	Ramallah, Israel
Craig Dean Campbell	Orangeburg	***McKinley Weaver Koth	North Augusta

#### Civil Engineering

John Burdine Cooper	Greenville	James Dudley Patrick, Jr.	St. George
Donald Bruce Fore	Georgetown	Mavis Xaiver Polk	Fairfax, Va.
Harry William Hughes	Argyle, Ga.	Donald Dunbar Smith	New Ellenton

#### Electrical Engineering

James Edwin Broyles	Charleston	Kambiz Shahnazi	Tehran, Iran
*Edward Albert Rapp	Seneca	Richard Jay Silverman	Huntington, N. Y.
Henry Thomas Sessions, Jr.	Ronceverte, W. Va.	Frank Willis Stiff	Salem, Va.

#### Engineering Analysis

Robert Adger Bowen III	Macon, Ga.	Ralph Griffin Macdonald, Jr.	Sumter
Samuel Worthy Gough, Jr.	Edisto Beach	Joe Marion Timmons, Jr.	Travelers Rest

#### Engineering Technology

Gary Brendan Christman	Sea-Cliff, N. Y.	Timothy Alan Pennekamp	Charleston
Walter Marion Parnell, Jr.	Greenwood	***Reamer David Todd, Jr.	Greenville

#### Mechanical Engineering

*Sue Williams Baldwin	Clemson	Gary Monroe Moore	Anderson
Ronald Vinson Brooks	Anderson	Willard Hugh Odom	Salters
Donald Odell Carpenter	Columbia	Lewis Philemon Pierce	Moncks Corner

## COLLEGE OF FOREST AND RECREATION RESOURCES

BENTON HOLCOMB BOX, Dean

### BACHELOR OF SCIENCE

#### Forest Management

Walter Carl Credle III	Matthews, N. C.	*William Clifford Hargrove III
James Shadrach Grant, Jr.	Andrews	----- Waynesboro, Ga.

#### Recreation and Park Administration

Michael David Ausherman	York, Pa.	Constance Marie Leighton	Pottstown, Pa.
Jane Crosby Bridges	Heath Springs	Edward Keith Mills	Belton
David Donald Brown	York, Pa.	Robin Ann Petkos	North Haledon, N. J.
*Allie Sue Edwards	Griffin, Ga.	Robin Jay Ploof	Greenville
Susan Elaine Epting	Columbia	*Patrick Neal Pohl	Goose Creek
*Leo Dale Gunter	Columbia	Jerry Lee Reynolds	Greenwood
**Donna Lynn Harris	Atlanta, Ga.	Douglas Bennett Scott	Kensington, Md.
Leslie Kyle Haskett	Ocean City, N. J.	Kenneth Boyd Senn	Newberry
Paul Michael Havice	Pickens	*Catherine Theresa Skinner	Greenville
Karen Hoefer Heaton	Seneca	Sarah Joyce Smith	Rome, Ga.
James Gary Hood	Rock Hill	*Donna Louise St. John	Georgetown
William Beaty Jackson	Greenville	*Gary Benjamin Tucker	Columbia
*Robert Mark Jerdan	Summerville	**Mary Beth Hodge Wright	Danville, Va.
Kathleen Joyce Kuna	Columbia		

## COLLEGE OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE

WALLACE DABNEY TREVILLIAN, Dean

### BACHELOR OF ARTS

#### Economics

Edward George Schroff ----- Milltown, N. J.

### BACHELOR OF SCIENCE

#### Accounting

**Gayle Borden Barthelman	Canton, Ohio	Malcolm Everette Heaton	Anderson
*Claude Eldon Harris, Jr.	Anderson	Donald Wilton Saverance	Lamar
Laura Elizabeth Haynes	Anderson		

#### Administrative Management

*Sheila Maxine Armstrong	Georgetown	George Robert McRae, Jr.	Cheraw
**Wade Franklin Beard, Jr.	Southport, N. C.	John Mathias Moorer, Jr.	North Charleston
James Gregory Burgess	Walhalla	Carolyn Sue Murray	Summerville
Carroll Richard Couch	Easley	Charles Randall Myers	Hagerstown, Md.
Guerry Ronald Cox	Greenville	Ward Sinclair Naylor	Berkeley Heights, N. J.
Steven Van Davis	Townville	Priscilla Pickering	Tampa, Fla.
Simmons Penegar Doster	Gastonia, N. C.	Susan McMillan Roddey	Rock Hill
Thomas Edmund Dukes	Columbia	Cheryl Ann Samisch	Fairfax, Va.
Robert Semmes Gilmore, Jr.	Spartanburg	Thomas Bray Seigler	Greenwood
Stephen Murray Godfrey	Greenville	*Earl Calvin Smith, Jr.	St. Matthews
Billy Joe Greene, Jr.	Travelers Rest	Michael Clark Teasley	Anderson
James Morgan Isom, Jr.	Spartanburg	Charles Richard Walters	Lancaster
*Mark Ryan Knebusch	Greenville	*James Leggett Weeks, Jr.	Rocky Mount, N. C.
Benjamin Rhett Leonard, Jr.	Greenville	John Stone Whitaker	Conway
Murph Roper Mahaffey, Jr.	Duncan	Barbara Ellen White	Greenville
Russell Joseph Manzolillo, Jr.			
	Serverna Park, Md.		

#### Economics

\*Kim Patricia Holmquist ----- Greenville      Judith Adell Parnell ----- Hilton Head Island

**Financial Management**

Samuel David Dalhouse ----- Spartanburg      †\*\*Steven Gale Nilsson ----- DeQueen, Ark.  
Daniel Howard Hoffer ----- Camden      Richard Allan Wheatley ----- Spartanburg  
Keith Stephen Leonard ----- Valley Forge, Pa.

**Industrial Management**

Charles Marion Ballard, Jr. ----- Lancaster      Carol Sue Yarborough ----- Fort Mill  
\*Kathleen Elizabeth Hayward ----- Brussels, Belgium

**BACHELOR OF TEXTILE TECHNOLOGY**

Roy Lynn Bull ----- Abbeville      Joseph Bernard Johnson ----- Sylvania, Ga.  
Alan Kent Griggs ----- Hartsville      David Dwain Wilson ----- Toccoa, Ga.

**COLLEGE OF LIBERAL ARTS**

HEADLEY MORRIS COX, Dean

**BACHELOR OF ARTS****English**

Julia Margarete Benton ----- Florence      Thomas Nicholas Hallman ----- Greenville  
\*\*\*William Neil Dunlap ----- Anderson      \*\*Vera Della Singleton ----- Westminster  
William Wade Facey ----- Central      David Clyburn Young ----- Cassatt  
\*Jerry Edward Griggs ----- Cheraw

**History**

Teresa Lynn Cartee ----- Anderson      Warren Howard Devanny ----- Columbia  
Janet Amanda Chipman ----- Clemson

**Modern Languages**

\*\*\*Elvira Quintero ----- Greenville

**Political Science**

James Ryan Bradley ----- Lugoff      Steven Newton Ellis ----- Clemson  
Herbert Eugene Carson, Jr. ----- Seneca      Richard Louis Morten ----- Florence

**Psychology**

Laura Everett Brooks ----- Greenwood      Roger Allen McCrary ----- Greenville  
\*Carmen Cecilia deDiego deMaduro ----- Panama City, Panama      Mary Lynn McGuire ----- Greenville  
-----      \*\*Phoebe Cook Winter ----- Greenville

**Sociology**

Glenn Richard Bates ----- Clemson      \*Hara Neal Tarleton ----- Greenville  
\*Betty Harrill Kellam ----- New Britain, Conn.      Richard Gaston Weddington ----- Charlotte, N. C.  
Marianna Dixon McCaskill ----- Clemson      \*Carrie Jean West ----- Clemson  
Virginia Lee Mullinax ----- Central      Cora Johnson Williams ----- Anderson  
Margaret Eagles Paylor ----- Greenville      Nancy Louise Wilson ----- Williamston

**COLLEGE OF SCIENCES**  
**HENRY ELLIOTT VOGEL, Dean**

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

Donna Whitfield Emory ----- Anderson

**Mathematical Sciences**  
Jerry Cox Ausband ----- Shelby, N. C.

**BACHELOR OF SCIENCE**  
**Chemistry**

Patricia Hudson Boyter ----- Greenville      Roy David Simmons ----- Harrington Park, N. J.  
Walter Edward Martin ----- Wheaton, Md.

**Geology**

Stephen Richard King ----- Anderson      Steven Alan Sinacore ----- Babylon, N. Y.  
Baylus Kenneth Morgan ----- Seneca

**Mathematical Sciences**  
Ransome Alexander Coleman ---- St. Matthews

**Medical Technology**

\*Jeannie Adele McCollum ----- Florence      \*Susan Anne Sibert ----- Columbia

**Microbiology**

Robert Michael Gandy ----- Chesterfield      \*Thomas Anderson Weir ----- Newberry

**Pre-Professional Studies**  
\*\*\*Charles Tyner McElmurray ----- Aiken

**Zoology**

John Gary Cooley ----- Pelzer      Robert Lee Keasler, Jr. ----- Clemson  
Ann Wilburn Huneycutt ----- Columbia      Douglas Roy Rinaca ----- Cross Keys

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\* With honor

\*\*With high honor

\*\*\*With highest honor

†Senior division honors



# CLEMSON UNIVERSITY

Graduation Exercises

August 12, 1978

Clemson, South Carolina

# **GRADUATION**

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**11:00 a. m. Littlejohn Coliseum**

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**Frank W. Breazeale, Organist**

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LUTHER PERDEE ANDERSON, Dean

#### BACHELOR OF SCIENCE

##### Agricultural Mechanization and Business

David Derrick Bauknight \_\_\_\_\_ Irmo David Bruce Baxley \_\_\_\_\_ Aynor

##### Animal Industries

†\*\*William Harry Amspacher, Jr. \_\_\_\_\_ Pickens Lewis Glosson Sheffield \_\_\_\_\_ Lynchburg  
Raymond Lee Fowler, Jr. \_\_\_\_\_ Bennettsville Violet Maryann Swygart \_\_\_\_\_ Lexington  
James Monroe Neel IV \_\_\_\_\_ Aubrey, Ga.

##### Economic Biology

Osborn Earl Baker III \_\_\_\_\_ Columbia George Thomas Heard \_\_\_\_\_ Greenville  
Margaret Danette Begemann \_\_\_\_\_ Rock Hill Brian Leslee Sutton \_\_\_\_\_ Clarkesville, Ga.

##### Plant Sciences

Alan David Arant \_\_\_\_\_ Fort Motte John Travis Elmore \_\_\_\_\_ Laurens  
\*Rosemary Ryder Brown \_\_\_\_\_ Greenville Cecil Irby Hazel, Jr. \_\_\_\_\_ Mauldin  
Carol Ann Carson \_\_\_\_\_ Gaffney \*Marianne Eugenie Myrick \_\_\_\_\_ Greenville  
Rena Bee Elliott \_\_\_\_\_ Aiken Joanne Smith \_\_\_\_\_ Greenwood

##### Pre-Professional Studies

\*David Lawrence Brown, Jr. \_\_\_\_\_ Lake City \*David Michael Pinson \_\_\_\_\_ Aiken

### COLLEGE OF ARCHITECTURE

HARLAN EWART McCLURE, Dean

#### BACHELOR OF ARTS

##### Pre-Architecture

Theresa Joan Bowen \_\_\_\_\_ Ocean City, N. J. \*Ruth Elias \_\_\_\_\_ New York, N. Y.

#### BACHELOR OF SCIENCE

##### Building Construction

Christian Thomas Fitzgerald \_\_\_\_\_ Cranford, N. J.

##### Pre-Architecture

\*David John Allison \_\_\_\_\_ Norristown, Pa. John Lee Watkins \_\_\_\_\_ Miami, Fla.  
William Edward Burroughs \_\_\_\_\_ Elmira, N. Y. Claude Edward Watt, Jr. \_\_\_\_\_ Spartanburg

### COLLEGE OF EDUCATION

HAROLD FOCHONE LANDRITH, Dean

#### BACHELOR OF ARTS

##### Early Childhood Education

Deborah Bishop Boyden \_\_\_\_\_ Arlington, Va. \*Sandra Poole Kerns \_\_\_\_\_ Greenville  
Margaret Suzanne Burch \_\_\_\_\_ Chesterfield

##### Elementary Education

Kathy Owens Anthony \_\_\_\_\_ Greenville Patricia Jean McLellan \_\_\_\_\_ Darlington  
Tamara Ann Bashor \_\_\_\_\_ Conway \*\*Ginger Beck Parker \_\_\_\_\_ Ozark, Ala.  
Mary Ann Fant Browne \_\_\_\_\_ Anderson \*\*Susan Taylor Reamer \_\_\_\_\_ Greenville  
Brian Eugene Kier \_\_\_\_\_ Haines City, Fla. \*Carol Jo Werner \_\_\_\_\_ Honea Path  
\*\*Nancy Johnson Lasater \_\_\_\_\_ Anderson

<b>Secondary Education</b>			
Randy Morgan Barnes	Chester	*Donna Louise Holcombe	Easley
Rebecca Jane Bradham	Conway	Jennie Rhodes Simmons	Greenwood
*Sandra Periene Davis	Spartanburg	*Susan Gail Thomas	Seneca

#### **BACHELOR OF SCIENCE**

##### **Agricultural Education**

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

Henry Stewart Glenn, Jr. Anderson

##### **Industrial Education**

Malcolm Fletcher Anderson, Jr.	Camden	Leonard Allen Williams	Anderson
Clarence Ralph Garrett, Jr.	Laurens		

##### **Science Teaching**

*Carrie Lockaby Burgess	Travelers Rest	Thomas Andrew Young	Anderson
Richard Scott Clark	Chesterfield		

## **COLLEGE OF ENGINEERING**

**LYLE CHESTER WILCOX, Dean**

#### **BACHELOR OF SCIENCE**

##### **Agricultural Engineering**

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

Guy Adair Tumblin, Jr. Clinton

##### **Ceramic Engineering**

Robert Nathan Anderson Clemson

##### **Chemical Engineering**

William Steven Armstrong	Gray Court	Mutasim Abid Khayri	Ramallah, Israel
Craig Dean Campbell	Orangeburg	***McKinley Weaver Koth	North Augusta

##### **Civil Engineering**

John Burdine Cooper	Greenville	James Dudley Patrick, Jr.	St. George
Donald Bruce Fore	Georgetown	Mavis Xaiver Polk	Fairfax, Va.
Harry William Hughes	Argyle, Ga.	Donald Dunbar Smith	New Ellenton

##### **Electrical Engineering**

James Edwin Broyles	Charleston	Kambiz Shahnazi	Tehran, Iran
*Edward Albert Rapp	Seneca	Richard Jay Silverman	Huntington, N. Y.
Henry Thomas Sessions, Jr.		Frank Willis Stiff	Salem, Va.
	Ronceverte, W. Va.	Joseph Shepard Sublette, Jr.	Sumter

##### **Engineering Analysis**

Robert Adger Bowen III	Macon, Ga.	Ralph Griffin Macdonald, Jr.	Sumter
Samuel Worthy Gough, Jr.	Edisto Beach	Joe Marion Timmons, Jr.	Travelers Rest

##### **Engineering Technology**

Gary Brendan Christman	Sea-Cliff, N. Y.	Timothy Alan Pennekamp	Charleston
Walter Marion Parnell, Jr.	Greenwood	***Reamer David Todd, Jr.	Greenville

##### **Mechanical Engineering**

*Sue Williams Baldwin	Clemson	Gary Monroe Moore	Anderson
Ronald Vinson Brooks	Anderson	Willard Hugh Odom	Salters
Donald Odell Carpenter	Columbia	Lewis Philemon Pierce	Moncks Corner

## COLLEGE OF FOREST AND RECREATION RESOURCES

BENTON HOLCOMB BOX, Dean

### BACHELOR OF SCIENCE

#### Forest Management

Walter Carl Credle III	Matthews, N. C.	*William Clifford Hargrove III	Waynesboro, Ga.
James Shadrach Grant, Jr.	Andrews	*John Robert Helms, Jr.	Orangeburg

#### Recreation and Park Administration

Michael David Ausherman	York, Pa.	Constance Marie Leighton	Pottstown, Pa.
Jane Crosby Bridges	Heath Springs	Edward Keith Mills	Belton
David Donald Brown	York, Pa.	Robin Ann Petkos	North Haledon, N. J.
*Allie Sue Edwards	Griffin, Ga.	Robin Jay Ploof	Greenville
✓Susan Elaine Epting	Columbia	*Patrick Neal Pohl	Goose Creek
✓Leo Dale Gunter	Columbia	Jerry Lee Reynolds	Greenwood
**Donna Lynn Harris	Atlanta, Ga.	Douglas Bennett Scott	Kensington, Md.
✓Leslie Kyle Haskett	Ocean City, N. J.	Kenneth Boyd Senn	Newberry
Paul Michael Havice	Pickens	✓Catherine Theresa Skinner	Greenville
Karen Hoefer Heaton	Seneca	Sarah Joyce Smith	Rome, Ga.
James Gary Hood	Rock Hill	✓Donna Louise St. John	Georgetown
William Beaty Jackson	Greenville	*Gary Benjamin Tucker	Columbia
*Robert Mark Jerdon	Summerville	✓Mary Beth Hodge Wright	Danville, Va.
Kathleen Joyce Kuna	Columbia		

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## COLLEGE OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE

WALLACE DABNEY TREVILLIAN, Dean

### BACHELOR OF ARTS

#### Economics

Edward George Schroff	Milltown, N. J.
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### BACHELOR OF SCIENCE

#### Accounting

**Gayle Borden Barthelman	Canton, Ohio	Malcolm Everette Heaton	Anderson
*Claude Eldon Harris, Jr.	Anderson	Donald Wilton Saverance	Lamar
Laura Elizabeth Haynes	Anderson		

#### Administrative Management

*Sheila Maxine Armstrong	Georgetown	George Robert McRae, Jr.	Cheraw
**Wade Franklin Beard, Jr.	Southport, N. C.	John Mathias Moorer, Jr.	North Charleston
James Gregory Burgess	Walhalla	Carolyn Sue Murray	Summerville
Carroll Richard Couch	Easley	Charles Randall Myers	Hagerstown, Md.
Guerry Ronald Cox	Greenville	Ward Sinclair Naylor	Berkeley Heights, N. J.
Steven Van Davis	Townville	Priscilla Pickering	Tampa, Fla.
Simmons Penegar Doster	Gastonia, N. C.	Susan McMillan Roddey	Rock Hill
Thomas Edmund Dukes	Columbia	Cheryl Ann Samisch	Fairfax, Va.
Robert Semmes Gilmore, Jr.	Spartanburg	Thomas Bray Seigler	Greenwood
Stephen Murray Godfrey	Greenville	*Earl Calvin Smith, Jr.	St. Matthews
Billy Joe Greene, Jr.	Travelers Rest	Michael Clark Teasley	Anderson
James Morgan Isom, Jr.	Spartanburg	Charles Richard Walters	Lancaster
*Mark Ryan Knebusch	Greenville	*James Leggett Weeks, Jr.	Rocky Mount, N. C.
Benjamin Rhett Leonard, Jr.	Greenville		
Murph Roper Mahaffey, Jr.	Duncan	John Stone Whitaker	Conway
Russell Joseph Manzolillo, Jr.		Barbara Ellen White	Greenville
	Serverna Park, Md.		

#### Economics

*Kim Patricia Holmquist	Greenville	Judith Adell Parnell	Hilton Head Island
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**Financial Management**

Samuel David Dalhouse	Spartanburg	†**Steven Gale Nilsson	DeQueen, Ark.
Daniel Howard Hoffer	Camden	Richard Allan Wheatley	Spartanburg
Keith Stephen Leonard	Valley Forge, Pa.		

**Industrial Management**

Charles Marion Ballard, Jr.	Lancaster	Carol Sue Yarborough	Fort Mill
*Kathleen Elizabeth Hayward	Brussels, Belgium		

**BACHELOR OF TEXTILE TECHNOLOGY**

Roy Lynn Bull	Abbeville	Joseph Bernard Johnson	Sylvania, Ga.
Alan Kent Griggs	Hartsville	David Dwain Wilson	Toccoa, Ga.

**COLLEGE OF LIBERAL ARTS****HEADLEY MORRIS COX, Dean****BACHELOR OF ARTS****English**

Julia Margarete Benton	Florence	Thomas Nicholas Hallman	Greenville
***William Neil Dunlap	Anderson	**Vera Della Singleton	Westminster
William Wade Facey	Central	David Clyburn Young	Cassatt
*Jerry Edward Griggs	Cheraw		

**History**

Teresa Lynn Cartee	Anderson	Warren Howard Devanny	Columbia
Janet Amanda Chipman	Clemson		

**Modern Languages**

***Elvira Quintero	Greenville
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**Political Science**

James Ryan Bradley	Lugoff	Steven Newton Ellis	Clemson
Herbert Eugene Carson, Jr.	Seneca	Richard Louis Morten	Florence

**Psychology**

Laura Everette Brooks	Greenwood	Roger Allen McCrary	Greenville
*Carmen Cecilia deDiego deMaduro	Panama City, Panama	Mary Lynn McGuire	Greenville
		**Phoebe Cook Winter	Greenville

**Sociology**

Glenn Richard Bates	Clemson	*Hara Neal Tarleton	Greenville
*Betty Harrill Kellam	New Britain, Conn.	Richard Gaston Weddington	Charlotte, N. C.
Marianna Dixon McCaskill	Clemson	*Carrie Jean West	Clemson
Virginia Lee Mullinax	Central	Cora Johnson Williams	Anderson
Margaret Eagles Paylor	Greenville	Nancy Louise Wilson	Williamston

**COLLEGE OF SCIENCES**  
**HENRY ELLIOTT VOGEL, Dean**

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

Donna Whitfield Emory \_\_\_\_\_ Anderson

**Mathematical Sciences**  
Jerry Cox Ausband \_\_\_\_\_ Shelby, N. C.

**BACHELOR OF SCIENCE**  
**Chemistry**

Patricia Hudson Boyter \_\_\_\_\_ Greenville      Roy David Simmons \_\_\_\_\_ Harrington Park, N. J.  
Walter Edward Martin \_\_\_\_\_ Wheaton, Md.

**Geology**

Stephen Richard King \_\_\_\_\_ Anderson      Steven Alan Sinacore \_\_\_\_\_ Babylon, N. Y.  
Baylus Kenneth Morgan \_\_\_\_\_ Seneca

**Mathematical Sciences**  
Ransome Alexander Coleman \_\_\_\_\_ St. Matthews

**Medical Technology**

\*Jeannie Adele McCollum \_\_\_\_\_ Florence      \*Susan Anne Sibert \_\_\_\_\_ Columbia

**Microbiology**

Robert Michael Gandy \_\_\_\_\_ Chesterfield      \*Thomas Anderson Weir \_\_\_\_\_ Newberry

**Pre-Professional Studies**  
\*\*\*Charles Tyner McElmurray \_\_\_\_\_ Aiken

**Zoology**

John Gary Cooley \_\_\_\_\_ Pelzer      Robert Lee Keasler, Jr. \_\_\_\_\_ Clemson  
Ann Wilburn Huneycutt \_\_\_\_\_ Columbia      Douglas Roy Rinaca \_\_\_\_\_ Cross Keys

\* With honor

\*\*With high honor

\*\*\*With highest honor

†Senior division honors

## CANDIDATES FOR EDUCATION SPECIALIST AND MASTERS' DEGREES

ARNOLD EDWARD SCHWARTZ, Dean, Graduate School

### COLLEGE OF AGRICULTURAL SCIENCES

#### MASTER OF AGRICULTURE

Patrick Erwin Ballington	Gilbert	Sahr Adimoenje Josiah-Faeduwor
Thomas Clay Chappell	Leesville	Sierra Leone, W. Africa
Samuel Augustus Cheatham	Orangeburg	Victor Gregg Marturano
Daniel Michael Howard	Greenville	Camden
Susan Jeanette Johnson	Mullins	Frank Maurice Terlizzi
		Columbia

#### MASTER OF NUTRITIONAL SCIENCE

Sandra Kay Browder	Easley	Thomas Michael Jones	Lockhart
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#### MASTER OF SCIENCE

##### Agricultural Economics

David Claire Morris	Chase City, Va.
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##### Animal and Food Industries

Edward Tai-Sen Chow	Taipei, Taiwan
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##### Animal Science

John Wesley Comerford	York	Carl William Otto	Wicomico Creek, Md.
Joe Edwin Gotti	Tescott, Kansas		

##### Entomology

David Malcolm Hunt	Cranbury, N. J.	Darrel Ervin Menking	Marion, Texas
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##### Horticulture

William Paul Clark	Flowery Branch, Ga.	Stephen Cothran Myers	Clemson
Donald Alan Ferguson	Seneca	Susan Jane Noyes	Amherst, Mass.

##### Nutrition

James Michael Gubas	Sapulpa, Okla.	Calvin Milton Snipes	Salters
Susan Van Dusen Malcolm	Clemson		

##### Plant Pathology

Bradford Beverly Reddick	Portsmouth, Va.
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##### Wildlife Biology

Jimmy James Sevic	Seneca	Jack Moorer Whetstone	St. Matthews
Stephen Ellis Summer	Columbia		

## COLLEGE OF EDUCATION

### EDUCATION SPECIALIST

#### Educational Administration

Robert Marina, Jr. \_\_\_\_\_ Anderson

### MASTER OF AGRICULTURAL EDUCATION

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

Wayne Scott Crosby	Aiken	William Edward McNeill, Jr.	Inman
April Petra Mazzucco	Freehold, N. J.	Stevie Aaron Wilson	Blair

### MASTER OF EDUCATION

#### Administration and Supervision

Carroll Dale Adair	Greenwood	Mary Lou Swartz Hightower	Spartanburg
Cynthia Caudle Alvarez	McCormick	Larry Eugene Hooks	Central
Henry Thurston Bagnal, Jr.	Sumter	Larry Franklin Lecroy	Walhalla
Sarah Katheryn Bates	Columbia	Carroll Murray Long	Mauldin
Horace Dalton Chastain	Pendleton	Charles Alexander Martin	Clemson
Larry Victor Clark	Starr	Miachel Omer Nelms	Clemson
Jean McCrickard Creswell	Greenwood	Charles Robert O'Rear	Laurens
Jessie Ray Curtis	Vevay, Ind.	Maudianna Wigington Pruitt	Anderson
Carol Dyar Dillard	Seneca	Annie Carol Robbs	Gaffney
Maxie Wright Duke	Walhalla	Kenneth Robert Rushlow	Atlanta, Ga.
Jeannette Lee Dukes	Easley	Philip James Temple	Greenville
Kenneth Earl Ellison	Easley		

#### Elementary Education

Lynn Pridgeon Ballard	Greenville	Julia Gossett Mize	Williamston
Frances Southern Banks	Honea Path	Georgia Frances Montgomery	Greenville
Mary Harris Barnette	Seneca	Dianne Crawford Mostertz	Seneca
Gloria Duncan Barnhill	Shelby, N. C.	Mary Schwob Mulligan	Central
Rosemary Heath Bomar	Greer	Marian Sowell Nodine	Lancaster
Johnnie Mae Booker	Greenwood	Vickie Lynn Kirkland Ouzts	Greenwood
Edith Howard Bostic	Greenville	Vicky Harmon Parnell	Greenwood
Lora Harrison Bridges	Greenville	Edith Louisa Philpot	Greenville
Patricia McClain Childress	Anderson	Joseph Ingram Pitts	Westminster
Barbara Phillips Clark	Greenwood	Toni Jean Farry Ponder	Dacusville
Yvonne Bedenbaugh Cockerill	Taylors	Donna Julian Poston	Seneca
Mary Anne Sutton Compton	Fort Mill	Marvin Lewis Putnam	Statesville, N. C.
Carmen Hethcote Couch	Jacksonville, Fla.	Frances Elaine Raftakis	Anderson
Diane Tolleson Crouch	Seneca	Betty Weaver Reeves	Greenville
Jane Clarke Davenport	Greenville	Karen Edith Schirmer	Greenville
Cathy Denise Denny	Greenville	Patricia Jeanette Segars	Laurens
Virginia Smith Dumont	Greenwood	Elizabeth Grant Simmons	Marietta
Marian Angela Estes	Belton	Martha Corkill Skala	Greenville
Evie Boswell Evans	Saluda	Evelyn Ellis Smith	Greenville
Rita Joyce Fink	Hartsville	Patricia Haynie Spencer	Greenville
Gwendolyn Danby Goodwin	Greenville	Mary Elizabeth Harper Stroman	Greenwood
Lisa Trammell Graham	Clemson	Batsie Freeman Styles	Greenville
Sherrill Knobel Hall	Anderson	Anne Arant Sullivan	Anderson
Rhonda Patterson Hawkins	Belton	Kathy Stallings Thomson	Belton
Ann Michels Hill	Hickory Tavern	Cheryl Youmans Topping	Laurens
Elizabeth Isaac Holcombe	Easley	Martha Elizabeth Tribble	Laurens
Janice Vaughn Holland	Laurens	Charlotte Hunt Tucker	Piedmont
Vicki Lee Hyder	Seneca	Margaret Uldrick Turner	Chesnee
Suzanne Watkins Jaskin	Greenville	Rebecca Strahley Vinson	Greenville
Bettie Hale Jones	Birmingham, Ala.	Debra Kirkland Wallace	North Charleston
Yvonne Creamer Jones	Pelzer	Linda Willis Wallace	Clinton
Mary Sadda Joseph	Greeleyville	Sally Thomas Wallace	Greenville
Lynn Pepper Lanford	Walhalla	Deborah Vernon White	Travelers Rest
Dorothy Ann Mast	Centerport, Pa.	Esther Channell Williamson	Mauldin
Kathryn Lipscomb McEarchern	Pickens	Rhonda Alycia Willis	Iva
Sharon Frisbee McManamay	Tamassee	Monica Vynelle Winecoff	Cheraw
Karen Griffin Mill	Greenville	Linda Garrett Young	Mauldin

**Personnel Services**

Gail Davis Auld	Greenville	Kenneth Lane Lindsey	Townville
Linda Lothersy Baird	Greenville	Christopher E. Longwill	Greenville
Harriet Elizabeth Bandy	McCormick	Marion Roberts May	Taylors
Susan Miller Bellinger	Greenville	Dianne Morgera McLawhorn	Greenville
A. Doris Weaver Coleman	Anderson	Vicki Farris Miesbauer	Clemson
Mary Ann Barnett Dula	Ninety Six	Edward Gray Payne	Charlotte, N. C.
Linda Craig Durham	Spartanburg	Kathy Dianne Pollard	Greenville
Lynne Day Fuller	Anderson	Jane Faith Price	Clemson
Bettie Hunter Gatewood	Aiken	Barbara Drummond Richardson	Greenville
George Charles Getty	Silver Spring, Md.	Mary Joyce Robinson	Anderson
Jane Knight Hopkins	Simpsonville	Walter Edward Sayers, Jr.	Greenville
Janette Fuhrman Jackson	Easley	Patricia Kearney Schwarz	Clemson
Annie Cates Johnson	Greer	Martha Mann Suman	Clemson
Robert Frank Kolb II	Liberty	Deborah Duncan Towe	Six Mile
Georgia Ann Landon	Plantation, Fla.	Cynthia Staples Wilson	Greenville

**Reading**

Sandra Lynn Cassell	Pickens
Phyllis Valentine Culbertson	Ware Shoals
Dorothy Baldwin Edwards	Clemson
Mary Frances Watkins Gambrell	Greenwood
Alice Page Henderson	Greenville
Donna Mills Henderson	Simpsonville
Maude Wilson Latham	Abbeville
Brenda Tincher Ledford	Fayetteville, N. C.
Lynn Carol Markovich	St. Helena Island

James Edward Matthews, Jr.	Clemson
Ann Martin Miller	Cornelia, Ga.
Alice Barbare Moon	Travelers Rest
Dorothy Lynn Hammond Owen	Williamston
Judith Parrish Price	Pelzer
Kathy Robbins Stallings	High Point, N. C.
Elizabeth Wheeler Staples	Greenwood
Mary Elizabeth Thurston	Easley
Sandra Weathers Welling	Greenville

**Secondary Education**

Deborah Charping Alexander	Anderson
Alice Pearl Brewington	Sanford, N. C.
Phyllis Hammonds Carpenter	Lincolnton, N. C.
Robert Stephen Crapps	Greenville
Kathy Carter Deese	Mauldin
Mark Joseph DiBois	Toccoa, Ga.
Emma Duke Doughty	Anderson
Rebecca Gayle Barker Edwards	Anderson
Thomas Eugene Edwards, Jr.	Greenville
Linda Lee Frasher	Greenville

Dana Volkhardt Ingalls	Fountain Inn
Clista Huff LeGrand	Greenville
Annette Roe Lyons	Anderson
Keith Allen McCaskill	Bethune
Sandra Knox Mitchell	Seneca
John Alexander Mitsopoulos	Bound Brook, N. J.
Betty Gleaton Moore	Greenville
Beverly Bailey Nabors	Pelzer
Roger Ezra Newton	Andrews
Susan Adair Okey	Rock Hill

**MASTER OF INDUSTRIAL EDUCATION**

Stephen Robert Collins	Moore
Angela Michael Craig	Greenville
James Robert Henderson, Jr.	Simpsonville
Jerry Gale Lamme	Atlanta, Ga.

Barry S. McCaskill	Columbia
David Jefferson Rogers	Columbia
Charlie Wilson	Summerville

**COLLEGE OF ENGINEERING****MASTER OF ENGINEERING  
Electrical Engineering**

Calvin Beecher Bradley ----- Clemson

**Environmental Systems Engineering**  
David Craig Tillwick ----- Lake Pine, N. J.**MASTER OF SCIENCE  
Agricultural Engineering**

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

Ronald Eugene Yoder ----- Richfield, Pa.

**Bioengineering**

James Blake Bigelow ----- Summerville      Steve Gus Hondros ----- Florence

**Ceramic Engineering**

Temple Onyekpuruibeya John Ananaba Alvin Lamar Campbell Anderson  
----- Aba, Nigeria

**Electrical Engineering**

Joseph Edward Guy Greenville Leonard Darrell Reynolds Darlington

**Environmental Systems Engineering**

Karen Lynn McDowell Chattanooga, Tenn. David Gene Page Spartanburg

**Mechanical Engineering**

Ralston Horace Moore Spanish Town, Jamaica, W. I.

**Systems Engineering**

Emil William Heikkila Sumter Wade Harrison Shaw, Jr. Simpsonville  
Barry Joseph Hudson Seneca Casper Eldredge Wiggins, Jr. Greenwood

**COLLEGE OF FOREST AND RECREATION RESOURCES****MASTER OF RECREATION AND PARK ADMINISTRATION**

Daniel Michael Hood Charleston Donald Michael Murphy Merrick, N. Y.  
John Daly McEachern Greenville Renee Frances Murphy Merrick, N. Y.  
Terry Leon Mullis Greenville ✓ Marcia Rae Wallenius Glendale, Cal.

**MASTER OF SCIENCE****Forestry**

Stephen Kent Nodine Clemson Thomas James Tworkoski Bayonne, N. J.

**COLLEGE OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE****MASTER OF ARTS****Economics**

Imre Karafiath Huntington, N. Y. Wendell Gene Wilson Mill Spring, N. C.

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

Clyde Rashleigh Browne Georgetown, Guyana Richard Early Reeves Georgetown  
Mehmet Mustafa Esat Kadaster Istanbul, Turkey Daniel Howard Sides Abbeville  
Keith Omar Snelgrove West Columbia

**Textile Chemistry**

Denny Emile Black Charleston

**COLLEGE OF LIBERAL ARTS****MASTER OF ARTS****English**

Sue Lile Inman Greenville Daniel Greene Porter Seneca  
Jane Bowers Martin Clemson Rose-Marie Eltzroth Williams Abbeville  
Rachel Andre Peters Columbia

**History**

Hilary Susan Nelson Crawley, Sussex, U. K.

## **COLLEGE OF NURSING**

### **MASTER OF SCIENCE**

#### **Nursing**

Kathleen Davis Hatley ----- Columbia      Arlene Bauknight Privette ----- Central

## **COLLEGE OF SCIENCES**

### **MASTER OF SCIENCE**

#### **Mathematical Sciences**

Diane Alberga ----- Round Top, N.Y.  
Pamela Joy Clark ----- Alexandria, Va.  
Ann Link Hart ----- Williamsburg, Va.  
Fidelis M. Ikem -- Onicha-Ugbo, Bendel, Nigeria

Steven Todd Kramm ----- Belleville, Pa.  
Jeanne Cunningham Mitchell --- Tupelo, Miss.  
William Harrington Richardson, Jr., --- Seneca

#### **Microbiology**

Alexander Hyman Cohen ----- Darlington  
Julius Gilbert Freeman, Jr. ----- Columbia  
Margie Kathleen Gaffney ----- Joanna

John Michael Henson ----- Greer  
Wade Louis Pepper, Jr. ----- Williamston

#### **Physics**

Kai-Ning Chang ----- Taipei, Taiwan

#### **Zoology**

Jimmy Neal Williams ----- Lexington, Tenn.

## CANDIDATES FOR DOCTORS' DEGREES

ARNOLD EDWARD SCHWARTZ, Dean, Graduate School

### COLLEGE OF AGRICULTURAL SCIENCES

#### DOCTOR OF PHILOSOPHY Applied Economics

Everette Brent Sigmon \_\_\_\_\_ Pendleton  
B.S., North Carolina State; M.S., Clemson University  
Dissertation: Migration Patterns and Revealed Values of Environmental Quality: An Empirical Extension  
of the Tiebout Hypothesis

#### Entomology

Joseph Harry Patti \_\_\_\_\_ Hinesville, Ga.  
B.S., Georgia Southern; M.S., Clemson University  
Dissertation: Field Studies of *Cinara* spp. (Homoptera: Aphididae) on Loblolly Pine, *Pinus taeda* L., in  
Northwestern South Carolina

Leroy Morris Sutton \_\_\_\_\_ Clemson  
B.S., Clemson University  
Dissertation: Immunological and Pathological Studies with the Fungal Pathogen *Nomuraea Rileyi* in  
Noctuid Hosts

#### Nutrition

Ashby Burgess Bodine II \_\_\_\_\_ Seneca  
B.A., M.S., Clemson University  
Dissertation: Investigations of In Vitro Liver Metabolism of AFB<sub>1</sub> by the Young Dairy Calf

Ching Hsung Chang \_\_\_\_\_ Erh-Shui, Taiwan  
M.S., Kansas State University  
Dissertation: Effects of Exogenous Hormones and Lactation on Postpartum Anestrus and Metabolic  
Status in Young Beef Cows

#### Plant Physiology

William Michael Gray \_\_\_\_\_ Pensacola, Fla.  
B.S., Bob Jones University; M.S., Clemson University  
Dissertation: Microbial Interactions in Defined Continuous Culture Systems Effecting Anaerobic Cellulose  
Degradation

### COLLEGE OF ENGINEERING

#### DOCTOR OF PHILOSOPHY Engineering

Walter Timmons Cardwell, Jr. \_\_\_\_\_ Anderson  
B.S., Clemson University  
Dissertation: A Modified Junction Field — Effect Transistor (Field of Specialization: Electrical Engineering)

John Anton Collier \_\_\_\_\_ Damascus, Ga.  
B.A.E., Georgia Institute of Technology; M.S., University of Georgia  
Dissertation: A Fluorescent Photography Technique for Evaluating the Incorporation of Soil-Applied  
Chemicals (Field of Specialization: Agricultural Engineering)

Richard Albert Schmalz, Jr. \_\_\_\_\_ Sudbury, Mass.  
B.S., M.S., Clemson University  
Dissertation: Numerical Solution of the Transport Equation in an Estuary Utilizing a Link-Node Discretization (Field of Specialization: Systems Engineering)

## **COLLEGE OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE**

### **DOCTOR OF PHILOSOPHY Management Science**

James Stith Hawkes III ----- Wilsons, Va.  
B.S., University of Richmond; M.B.A., New York University  
Dissertation: A Discussion of Ridge Regression Analysis and Its Application

## **COLLEGE OF SCIENCES**

### **DOCTOR OF PHILOSOPHY Chemistry**

Donald Andrew Castillo, Jr. ----- Clover  
B.S., Belmont Abbey College; M.A., Winthrop College; M.S., University of South Carolina  
Dissertation: An Investigation of Gloyxal Bis(2-Hydroxy-1-Naphthalil-4-Sulfonic Acid) as a Colorimeric Reagent for Calcium in an Aqueous Medium

Ping-Sun Ralph Cheung ----- Hong Kong  
B.S., North Carolina State University; M.S., Clemson University  
Dissertation: Photodegradation and Energy Transfer in Poly (Ethylene Terephthalate-Co-2,6-Naphthalene-dicarboxylate)

Jung-chen Chou Johnson ----- Taipei, Taiwan  
B.S., Tunghai University  
Dissertation: Thermal Diffusion Theory for Liquid Mixtures with Association Reactions. Temperature Dependence of the Thermal Diffusion Factor for Methanol-Benzene Mixtures

### **Mathematical Sciences**

William George Frye ----- Perry, Fla.  
B.S., Valdosta State College; M.S., Clemson University  
Dissertation: On Path-Factorization of Some Digraphs

### **Physics**

William Joseph Mealing, Jr. ----- North Augusta  
B.S., Augusta College  
Dissertation: Ionic Defects — Their Transport and Interaction in AgBr, RbN<sub>3</sub> and KN<sub>3</sub>

Barney Edsel Taylor ----- Elizabethton, Tenn.  
B.S., East Tennessee State University  
Dissertation: Electrical Transport Studies of NH<sub>4</sub>Cl and NH<sub>4</sub>Br

Beverley Ann Price Taylor ----- Johnson City, Tenn.  
B.S., East Tennessee State University  
Dissertation: Solitary Waves in Relativistically Invariant Field Theories and Their Application to the Electromagnetic Interactions of Hadrons

## CLEMSON ALMA MATER

A. C. Corcoran, '19

Where the Blue Ridge yawns it 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 Tigers 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.

## **CANDIDATES FOR EDUCATION SPECIALIST AND MASTERS' DEGREES**

**ARNOLD EDWARD SCHWARTZ, Dean, Graduate School**

### **COLLEGE OF AGRICULTURAL SCIENCES**

#### **MASTER OF AGRICULTURE**

Patrick Erwin Ballington	Gilbert	Sahr Adimoenje Josiah-Faeduwor
Thomas Clay Chappell	Leesville	Sierra Leone, W. Africa
Samuel Augustus Cheatham	Orangeburg	Victor Gregg Marturano
Daniel Michael Howard	Greenville	Camden
Susan Jeanette Johnson	Mullins	Frank Maurice Terlizzi
		Columbia

#### **MASTER OF NUTRITIONAL SCIENCE**

Sandra Kay Browder	Easley	Thomas Michael Jones	Lockhart
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#### **MASTER OF SCIENCE**

##### **Agricultural Economics**

David Claire Morris	Chase City, Va.
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##### **Animal and Food Industries**

Edward Tai-Sen Chow	Taipei, Taiwan
---------------------	----------------

##### **Animal Science**

John Wesley Comerford	York	Carl William Otto	Wicomico Creek, Md.
Joe Edwin Gotti	Tescott, Kansas		

##### **Entomology**

David Malcolm Hunt	Cranbury, N. J.	Darrel Ervin Menking	Marion, Texas
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##### **Horticulture**

William Paul Clark	Flowery Branch, Ga.	Stephen Cothran Myers	Clemson
Donald Alan Ferguson	Seneca	Susan Jane Noyes	Amherst, Mass.

##### **Nutrition**

James Michael Gubas	Sapulpa, Okla.	Calvin Milton Snipes	Salters
Susan Van Dusen Malcolm	Clemson		

##### **Plant Pathology**

Bradford Beverly Reddick	Portsmouth, Va.
--------------------------	-----------------

##### **Wildlife Biology**

Jimmy James Sevic	Seneca	Jack Moorer Whetstone	St. Matthews
Stephen Ellis Summer	Columbia		

## COLLEGE OF EDUCATION

### EDUCATION SPECIALIST

#### Educational Administration

Robert Marina, Jr. ----- Anderson

### MASTER OF AGRICULTURAL EDUCATION

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

Wayne Scott Crosby -----	Aiken	William Edward McNeill, Jr. -----	Inman
April Petra Mazzucco -----	Freehold, N. J.	Stevie Aaron Wilson -----	Blair

### MASTER OF EDUCATION

#### Administration and Supervision

Carroll Dale Adair -----	Greenwood	Mary Lou Swartz Hightower -----	Spartanburg
Cynthia Caudle Alvarez -----	McCormick	Larry Eugene Hooks -----	Central
Henry Thurston Bagnall, Jr. -----	Sumter	Larry Franklin Lecroy -----	Walhalla
Sarah Katheryn Bates -----	Columbia	Carroll Murray Long -----	Mauldin
Horace Dalton Chastain -----	Pendleton	Charles Alexander Martin -----	Clemson
Larry Victor Clark -----	Starr	Michel Omer Nelms -----	Clemson
Jean McCrickard Creswell -----	Greenwood	Charles Robert O'Rear -----	Laurens
Jessie Ray Curtis -----	Vevay, Ind.	Maudianna Wigington Pruitt -----	Anderson
Carol Dyar Dillard -----	Seneca	Annie Carol Robbs -----	Gaffney
Maxie Wright Duke -----	Walhalla	Kenneth Robert Rushlow -----	Atlanta, Ga.
Jeannette Lee Dukes -----	Easley	Philip James Temple -----	Greenville
Kenneth Earl Ellison -----	Easley		

### Elementary Education

Lynn Pridgeon Ballard -----	Greenville	Julia Gossett Mize -----	Williamston
Frances Southern Banks -----	Honea Path	Georgia Frances Montgomery -----	Greenville
Mary Harris Barnette -----	Seneca	Dianne Crawford Mostert -----	Seneca
Gloria Duncan Barnhill -----	Shelby, N. C.	Mary Schwob Mulligan -----	Central
Rosemary Heath Bomar -----	Greer	Marian Sowell Nodine -----	Lancaster
Johnnie Mae Booker -----	Greenwood	Vickie Lynn Kirkland Ouzts -----	Greenwood
Edith Howard Bostic -----	Greenville	Vicky Harmon Parnell -----	Greenwood
Lora Harrison Bridges -----	Greenville	Edith Louisa Philpot -----	Greenville
Patricia McClain Childress -----	Anderson	Joseph Ingram Pitts -----	Westminster
Barbara Phillips Clark -----	Greenwood	Toni Jean Farry Ponder -----	Dacusville
Yvonne Bedenbaugh Cockerill -----	Taylors	Donna Julian Poston -----	Seneca
Mary Anne Sutton Compton -----	Fort Mill	Marvin Lewis Putnam -----	Statesville, N. C.
Carmen Hethcote Couch -----	Jacksonville, Fla.	Frances Elaine Raftakis -----	Anderson
Diane Tollefson Crouch -----	Seneca	Betty Weaver Reeves -----	Greenville
Jane Clarke Davenport -----	Greenville	Karen Edith Schirmer -----	Greenville
Cathy Denise Denny -----	Greenville	Patricia Jeanette Segars -----	Laurens
Virginia Smith Dumont -----	Greenwood	Elizabeth Grant Simmons -----	Marietta
Marian Angela Estes -----	Belton	Martha Corkill Skala -----	Greenville
Evie Boswell Evans -----	Saluda	Evelyn Ellis Smith -----	Greenville
Rita Joyce Fink -----	Hartsville	Patricia Haynie Spencer -----	Greenville
Gwendolyn Danby Goodwin -----	Greenville	Mary Elizabeth Harper Stroman -----	Greenwood
Lisa Trammell Graham -----	Clemson	Batsie Freeman Styles -----	Greenville
Sherrill Knobel Hall -----	Anderson	Anne Arant Sullivan -----	Anderson
Rhonda Patterson Hawkins -----	Belton	Kathy Stallings Thomson -----	Belton
Ann Michels Hill -----	Hickory Tavern	Cheryl Youmans Topping -----	Laurens
Elizabeth Isaac Holcombe -----	Easley	Martha Elizabeth Tribble -----	Laurens
Janice Vaughn Holland -----	Laurens	Charlotte Hunt Tucker -----	Piedmont
Vicki Lee Hyder -----	Seneca	Margaret Uldrick Turner -----	Chesnee
Suzanne Watkins Jaskin -----	Greenville	Rebecca Strahley Vinson -----	Greenville
Bettie Hale Jones -----	Birmingham, Ala.	Debra Kirkland Wallace -----	North Charleston
Yvonne Creamer Jones -----	Pelzer	Linda Willis Wallace -----	Clinton
Mary Sadda Joseph -----	Greeleyville	Sally Thomas Wallace -----	Greenville
Lynn Pepper Lanford -----	Walhalla	Deborah Vernon White -----	Travelers Rest
Dorothy Ann Mast -----	Centerport, Pa.	Esther Channell Williamson -----	Mauldin
Kathryn Lipscomb McEarchern -----	Pickens	Rhonda Alycia Willis -----	Iva
Sharon Frisbee McManamay -----	Tamassee	Monica Vynelle Winecoff -----	Cheraw
Karen Griffin Mill -----	Greenville	Linda Garrett Young -----	Mauldin

#### **Personnel Services**

Gail Davis Auld	Greenville	Kenneth Lane Lindsey	Townville
Linda Lothery Baird	Greenville	Christopher E. Longwill	Greenville
Harriet Elizabeth Bandy	McCormick	Marion Roberts May	Taylors
Susan Miller Bellinger	Greenville	Dianne Morgera McLawhorn	Greenville
A. Doris Weaver Coleman	Anderson	Vicki Farris Miesbauer	Clemson
Mary Ann Barnett Dula	Ninety Six	Edward Gray Payne	Charlotte, N. C.
Linda Craig Durham	Spartanburg	Kathy Dianne Pollard	Greenville
Lynne Day Fuller	Anderson	Jane Faith Price	Clemson
Betty Hunter Gatewood	Aiken	Barbara Drummond Richardson	Greenville
George Charles Getty	Silver Spring, Md.	Mary Joyce Robinson	Anderson
Jane Knight Hopkins	Simpsonville	Walter Edward Sayers, Jr.	Greenville
Janette Fuhrman Jackson	Easley	Patricia Kearney Schwarz	Clemson
Annie Cates Johnson	Greer	Martha Mann Suman	Clemson
Robert Frank Kolb II	Liberty	Deborah Duncan Towe	Six Mile
Georgia Ann Landon	Plantation, Fla.	Cynthia Staples Wilson	Greenville

#### **Reading**

Sandra Lynn Cassell	Pickens
Phyllis Balentine Culbertson	Ware Shoals
Dorothy Baldwin Edwards	Clemson
Mary Frances Watkins Gambrell	Greenwood
Alice Page Henderson	Greenville
Donna Mills Henderson	Simpsonville
Maude Wilson Latham	Abbeville
Brenda Tincher Ledford	Fayetteville, N. C.
Lynn Carol Markovich	St. Helena Island

#### **Secondary Education**

Deborah Charping Alexander	Anderson
Alice Pearl Brewington	Sanford, N. C.
Phyllis Hammonds Carpenter	Lincolnton, N. C.
Robert Stephen Crapps	Greenville
Kathy Carter Deese	Mauldin
Mark Joseph DiBois	Toccoa, Ga.
Emma Duke Doughty	Anderson
Rebecca Gayle Barker Edwards	Anderson
Thomas Eugene Edwards, Jr.	Greenville
Linda Lee Frasher	Greenville

Dana Volkhardt Ingalls	Fountain Inn
Clista Huff LeGrand	Greenville
Annette Roe Lyons	Anderson
Keith Allen McCaskill	Bethune
Sandra Knox Mitchell	Seneca
John Alexander Mitsopoulos	Bound Brook, N. J.
Betty Gleaton Moore	Greenville
Beverly Bailey Nabors	Pelzer
Roger Ezra Newton	Andrews
Susan Adair Okey	Rock Hill

#### **MASTER OF INDUSTRIAL EDUCATION**

Stephen Robert Collins	Moore
Angela Michael Craig	Greenville
James Robert Henderson, Jr.	Simpsonville
Jerry Gale Lamme	Atlanta, Ga.

Barry S. McCaskill	Columbia
David Jefferson Rogers	Columbia
Charlie Wilson	Summerville

### **COLLEGE OF ENGINEERING**

#### **MASTER OF ENGINEERING**

##### **Electrical Engineering**

Calvin Beecher Bradley ----- Clemson

##### **Environmental Systems Engineering**

David Craig Tillwick ----- Lake Pine, N. J.

##### **Mechanical Engineering**

Ralston Horace Moore ----- Spanish Town, Jamaica, W. I.

#### **MASTER OF SCIENCE**

##### **Agricultural Engineering**

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

Ronald Eugene Yoder ----- Richfield, Pa.

**Bioengineering**  
James Blake Bigelow \_\_\_\_\_ Summerville      Steve Gus Hondros \_\_\_\_\_ Florence

**Ceramic Engineering**  
Temple Onyekpuruibeya John Ananaba \_\_\_\_\_  
Aba, Nigeria      Alvin Lamar Campbell \_\_\_\_\_ Anderson

**Electrical Engineering**  
Joseph Edward Guy \_\_\_\_\_ Greenville      Leonard Darrell Reynolds \_\_\_\_\_ Darlington

**Environmental Systems Engineering**  
Karen Lynn McDowell \_\_\_\_\_ Chattanooga, Tenn.      David Gene Page \_\_\_\_\_ Spartanburg

**Systems Engineering**  
Emil William Heikkila \_\_\_\_\_ Sumter      Wade Harrison Shaw, Jr. \_\_\_\_\_ Simpsonville  
Barry Joseph Hudson \_\_\_\_\_ Seneca      Casper Eldredge Wiggins, Jr. \_\_\_\_\_ Greenwood

## COLLEGE OF FOREST AND RECREATION RESOURCES

### MASTER OF RECREATION AND PARK ADMINISTRATION

Daniel Michael Hood \_\_\_\_\_ Charleston      Donald Michael Murphy \_\_\_\_\_ Merrick, N. Y.  
John Daly McEachern \_\_\_\_\_ Greenville      Renee Frances Murphy \_\_\_\_\_ Merrick, N. Y.  
Terry Leon Mullis \_\_\_\_\_ Greenville      Marcia Rae Wallenius \_\_\_\_\_ Glendale, Cal.

### MASTER OF SCIENCE Forestry

Stephen Kent Nodine \_\_\_\_\_ Clemson      Thomas James Tworkoski \_\_\_\_\_ Bayonne, N. J.

## COLLEGE OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE

### MASTER OF ARTS Economics

Imre Karafathi \_\_\_\_\_ Huntington, N. Y.      Wendell Gene Wilson \_\_\_\_\_ Mill Spring, N. C.

### MASTER OF SCIENCE Management

Clyde Rashleigh Browne \_\_\_\_\_ Georgetown, Guyana      Richard Early Reeves \_\_\_\_\_ Georgetown  
Mehmet Mustafa Esat Kadaster \_\_\_\_\_ Istanbul, Turkey      Daniel Howard Sides \_\_\_\_\_ Abbeville  
Keith Omar Snelgrove \_\_\_\_\_ West Columbia

### Textile Chemistry

Denny Emile Black \_\_\_\_\_ Charleston

## COLLEGE OF LIBERAL ARTS

### MASTER OF ARTS English

Sue Lile Inman \_\_\_\_\_ Greenville      Daniel Greene Porter \_\_\_\_\_ Seneca  
Jane Bowers Martin \_\_\_\_\_ Clemson      Rose-Marie Eltzroth Williams \_\_\_\_\_ Abbeville  
Rachel Andre Peters \_\_\_\_\_ Columbia

### History

Hilary Susan Nelson \_\_\_\_\_ Crawley, Sussex, U. K.

## **COLLEGE OF NURSING**

### **MASTER OF SCIENCE**

#### **Nursing**

Kathleen Davis Hatley ----- Columbia Arlene Bauknight Privette ----- Central

## **COLLEGE OF SCIENCES**

### **MASTER OF SCIENCE**

#### **Mathematical Sciences**

Diane Alberga ----- Round Top, N. Y. Steven Todd Kramm ----- Belleville, Pa.  
Pamela Joy Clark ----- Alexandria, Va. Jeanne Cunningham Mitchell ---- Tupelo, Miss.  
Ann Link Hart ----- Williamsburg, Va. William Harrington Richardson, Jr., ---- Seneca  
Fidelis M. Ikem -- Onicha-Ugbo, Bendel, Nigeria

#### **Microbiology**

Alexander Hyman Cohen ----- Darlington John Michael Henson ----- Greer  
Julius Gilbert Freeman, Jr. ----- Columbia Wade Louis Pepper, Jr. ----- Williamston  
Margie Kathleen Gaffney ----- Joanna

#### **Physics**

Kai-Ning Chang ----- Taipei, Taiwan

#### **Zoology**

Jimmy Neal Williams ----- Lexington, Tenn.

## CANDIDATES FOR DOCTORS' DEGREES

ARNOLD EDWARD SCHWARTZ, Dean, Graduate School

### COLLEGE OF AGRICULTURAL SCIENCES

#### DOCTOR OF PHILOSOPHY Applied Economics

Everette Brent Sigmon \_\_\_\_\_ Pendleton  
B.S., North Carolina State; M.S., Clemson University  
Dissertation: Migration Patterns and Revealed Values of Environmental Quality: An Empirical Extension of the Tiebout Hypothesis

#### Entomology

Joseph Harry Patti \_\_\_\_\_ Hinesville, Ga.  
B.S., Georgia Southern; M.S., Clemson University  
Dissertation: Field Studies of *Cinara* spp. (Homoptera: Aphididae) on Loblolly Pine, *Pinus taeda* L., in Northwestern South Carolina

Leroy Morris Sutton \_\_\_\_\_ Clemson  
B.S., Clemson University  
Dissertation: Immunological and Pathological Studies with the Fungal Pathogen *Nomuraea Rileyi* in Noctuid Hosts

#### Nutrition

Ashby Burgess Bodine II \_\_\_\_\_ Seneca  
B.A., M.S., Clemson University  
Dissertation: Investigations of In Vitro Liver Metabolism of AFB<sub>1</sub> by the Young Dairy Calf

Ching Hsung Chang \_\_\_\_\_ Erh-Shui, Taiwan  
M.S., Kansas State University  
Dissertation: Effects of Exogenous Hormones and Lactation on Postpartum Anestrus and Metabolic Status in Young Beef Cows

#### Plant Physiology

William Michael Gray \_\_\_\_\_ Pensacola, Fla.  
B.S., Bob Jones University; M.S., Clemson University  
Dissertation: Microbial Interactions in Defined Continuous Culture Systems Effecting Anaerobic Cellulose Degradation

### COLLEGE OF ENGINEERING

#### DOCTOR OF PHILOSOPHY Engineering

Walter Timmons Cardwell, Jr. \_\_\_\_\_ Anderson  
B.S., Clemson University  
Dissertation: A Modified Junction Field — Effect Transistor (Field of Specialization: Electrical Engineering)

John Anton Collier \_\_\_\_\_ Damascus, Ga.  
B.A.E., Georgia Institute of Technology; M.S., University of Georgia  
Dissertation: A Fluorescent Photography Technique for Evaluating the Incorporation of Soil-Applied Chemicals (Field of Specialization: Agricultural Engineering)

Richard Albert Schmalz, Jr. \_\_\_\_\_ Sudbury, Mass.  
B.S., M.S., Clemson University  
Dissertation: Numerical Solution of the Transport Equation in an Estuary Utilizing a Link-Node Discretization (Field of Specialization: Systems Engineering)

## **COLLEGE OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE**

### **DOCTOR OF PHILOSOPHY Management Science**

James Stith Hawkes III \_\_\_\_\_ Wilsons, Va.  
B.S., University of Richmond; M.B.A., New York University  
Dissertation: A Discussion of Ridge Regression Analysis and Its Application

## **COLLEGE OF SCIENCES**

### **DOCTOR OF PHILOSOPHY Chemistry**

Donald Andrew Castillo, Jr. \_\_\_\_\_ Clover  
B.S., Belmont Abbey College; M.A., Winthrop College; M.S., University of South Carolina  
Dissertation: An Investigation of Gloyal Bis(2-Hydroxy-1-Naphthalin-4-Sulfonic Acid) as a Colorimeric Reagent for Calcium in an Aqueous Medium

Ping-Sun Ralph Cheung \_\_\_\_\_ Hong Kong  
B.S., North Carolina State University; M.S., Clemson University  
Dissertation: Photodegradation and Energy Transfer in Poly (Ethylene Terephthalate-Co-2,6-Naphthalene-dicarboxylate)

Jung-chen Chou Johnson \_\_\_\_\_ Taipei, Taiwan  
B.S., Tunghai University  
Dissertation: Thermal Diffusion Theory for Liquid Mixtures with Association Reactions. Temperature Dependence of the Thermal Diffusion Factor for Methanol-Benzene Mixtures

### **Mathematical Sciences**

William George Frye \_\_\_\_\_ Perry, Fla.  
B.S., Valdosta State College; M.S., Clemson University  
Dissertation: On Path-Factorization of Some Digraphs

### **Physics**

William Joseph Mealing, Jr. \_\_\_\_\_ North Augusta  
B.S., Augusta College  
Dissertation: Ionic Defects — Their Transport and Interaction in AgBr, RbN<sub>3</sub> and KN<sub>3</sub>

Barney Edsel Taylor \_\_\_\_\_ Elizabethton, Tenn.  
B.S., East Tennessee State University  
Dissertation: Electrical Transport Studies of NH<sub>4</sub>Cl and NH<sub>4</sub>Br

Beverley Ann Price Taylor \_\_\_\_\_ Johnson City, Tenn.  
B.S., East Tennessee State University  
Dissertation: Solitary Waves in Relativistically Invariant Field Theories and Their Application to the Electromagnetic Interactions of Hadrons

## 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 Tigers 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.