

5-1-1968

# Clemson Commencement Program, May 1968

Clemson University

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## Recommended Citation

University, Clemson, "Clemson Commencement Program, May 1968" (1968). *Clemson Commencement Programs*. 185.  
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# CLEMSON UNIVERSITY

Seventy-second Commencement

May 4, 1968

Clemson, South Carolina

# Order of Exercises

5 P. M.

Outdoor Theater

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Selections by the University Band

Academic Procession

(Audience will please stand and remain standing for invocation)

Invocation

The Reverend John W. Arrington III  
Rector, Holy Trinity Episcopal Church  
Clemson, South Carolina

Address to Graduating Class

Dr. H. J. Nimitz  
Superintendent, Dunham Hospital  
Cincinnati, Ohio

Authorization by the Board of Trustees

The Honorable Edgar A. Brown  
President, The Board of Trustees

Conferring of Degrees and Delivery of Diplomas

Dr. Robert C. Edwards  
President, Clemson University

Alma Mater

Benediction

(Audience will please be seated as graduates march out)

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Music by the University Concert Band

Mr. Bruce F. Cook, Director

## 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'affaires 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 the founding of 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 Clemson University's enrollment is 6,500 and the current catalog lists thirty-eight undergraduate and sixty-two graduate curricula.

The University has seven major academic units. These are the College of Agriculture and Biological Sciences; the School of Architecture; the College of Arts and Sciences; the School of Education; the College of Engineering; the School of Industrial Management and Textile Science; and the School of Graduate Study.

The institution became an accredited member of the Southern Association of Colleges and Schools in 1927. The civil, electrical, and mechanical engineering curricula were accredited by the Engineers' Council for Professional Development in 1937. Curricula in agricultural, ceramic, and chemical engineering were accredited by ECPD in 1953, 1955, and 1959, respectively.

The chemistry curriculum was first accredited by the American Chemical Society in 1953 and the architectural curriculum by the National Architectural Accrediting Board in 1956. The forestry curriculum was accredited by the Society of American Foresters in 1962.

Clemson is the Land-Grant University of South Carolina. As such, the institution 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.

## CANDIDATES FOR BACHELORS' DEGREES

### COLLEGE OF AGRICULTURE AND BIOLOGICAL SCIENCES

#### BACHELOR OF SCIENCE DEGREE

##### Agricultural Economics

Joseph McCord Bates, Jr.	Eastover	Robert Alan Graham	Gretna, La.
Allison Ervin Brown	Kingtree	Wayne Mass	Greenville
Carlos Julio Garcia	Caracas, Venezuela	Christopher Edwin Slack	Gladwyne, Pa.
Fred James Gassaway	Donalds		

##### Agronomy

Artemas Porcher Hane, Jr.	Ft. Motte	Henry Deryl Yonce	Trenton
Edgar Lowndes Ready III	Johnston		

##### Animal Science

John Anthony Baker	Columbia	Pedro Manuel Parrado	Clemson
Jerry Cox Glenn	Anderson	Steve Andrew Quinn	Wellford
Robert Tripp Merritt	Easley	Frank Thomas Suber	Whitmire
Mitchel Ozias Newton	Sumter		

##### Biology

David Millard Bartles	Rock Hill	John David Lyle, Jr.	Walhalla
Frank Warren Breazeale	Anderson	** Brenda Donita Merck	Greenville
Richard Phillip Dellinger	Marion	James Joseph Poland	Pittsburgh, Pa.
Eddie Carroll DuRant, Jr.	Sumter	Arthur Laurie Pope	Hemingway
David Gragg Ebenhack	Aiken	Herbert Earle Riddle, Jr.	Greenville
* James Thompson Hunter	Charlotte, N. C.	** Teresa Charles Ritchie	Spartanburg
John Elliott Kneece	Monetta	Julian Ray Shockley, Jr.	Spartanburg
Barry Douglas Leach	Sumter	Crispin Peter Spencer	Anderson

##### Dairy Science

Claude Wayne Scatterwhite	Newberry	* Robert Lindley Steer, Jr.	Ninety Six
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##### Entomology

** Thomas Gordon Wilson	Sumter
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##### Forestry

Randall Ellis Brooks	Columbia	McGregor Summey Macfie	Brevard, N. C.
William Gary Coleman, Jr.	Darlington	David Ramsey Martin, Jr.	West Columbia
James Wayne Creech	Blackville	William Edwin Southard	Abbeville
Philip Olin Epps	Clemson	* Larry Stephen Walker	Greenville
James Miles Knight	Angelus	Frank Wesley White	Troy

##### Horticulture

William Brunson Ballard	Clinton	Peter Leon Fosky	Princeton, N. J.
* Reba Louise Carroll	Beaufort	*** Jack Rudolf Stang	Independence, Ohio

## SCHOOL OF ARCHITECTURE

#### BACHELOR OF ARTS DEGREE

##### Pre-Architecture

Patsy Irene Gallimore	Newton, N. C.	Margaret Reaves Seay	Columbia
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#### BACHELOR OF ARCHITECTURE DEGREE

George Jan Andreve	Greensboro, N. C.	William David Kelly, Jr.	Kingtree
Robert Evans Berman	Levittown, N. Y.	Arthur Joel Lidsky	Flushing, N. Y.
Robert Louis Caricato	Plainview, N. Y.	John Marion Lineberger, Jr.	Greenville
* Jimmy Michael Cobb	Anderson	Robert Carleton London	Johnson City, Tenn.
Leslie Linn Day	Wilmington, Del.	* Richard Lowell Powell	Anderson
Andre George Fontaine	Agawam, Mass.	Benjamin Thomas Rook	Newberry
Donald Angus Gardner	Thomasville, Ala.	Harron Eugene Rudisill	Denver, N. C.
Donald Edward Golightly	Columbia	Donald Allen Sebastian	Washington, D. C.
Horace Russell Hopper	North Augusta	Ted Howell Taylor	Columbia
Morelle Cook Jones	Charleston	John Pressley Watkins	Spartanburg

### BACHELOR OF BUILDING CONSTRUCTION DEGREE

Thurston Hayne McDaniel ----- Aiken      Frank Wheeler Mondell, Jr. ----- Weems, Va.

### COLLEGE OF ARTS AND SCIENCES

#### BACHELOR OF ARTS DEGREE

\*\* Barbara Ann Alverson ----- Pelzer  
Glenn Walter Ayers ----- Turtle Creek, Pa.  
Mary Martin Bowen ----- Westminster  
David Martin Wayne Brown ----- Stevensburg, Va.  
Clarence Neron Channell, Jr. ----- Warner Robins, Ga.  
Christopher Shawn Clancy ----- Barnwell  
Cleon Curtis Clinkscales III ----- Greenville  
Earl S. Cohen ----- Pittsburgh, Pa.  
\*\* Joan Marie Combes ----- Pickens  
John Benjamin Dozier ----- Florence  
Dynva Cornelia Edens ----- Sumter  
James Allen Finley ----- Laurens  
\* Ralph William French ----- Clemson  
Cuthbert Samuel Gleaton III ----- Springfield  
Philip Hartley Grant ----- Tampa, Fla.  
Robert Melburn Guerrieri ----- Six Mile  
\* Agnes Elizabeth McGowan Higginbotham ----- Sumter  
\* John Randall Hoag ----- Dahlonega, Ga.  
Robert Sewell Householder, Jr. ----- Ridge Spring  
Carol Ellen Jackson ----- Huntington, N. Y.  
Joan Elizabeth Lancianese ----- Greenville  
Kathleen Elizabeth Lawrence ----- Liberty  
James McCrorey Lawton ----- Greenville  
James Keith Lee ----- Charleston  
\* Margaret Elizabeth McArthur ----- North Augusta

\* Wade Hampton Macfie, Jr. ----- Winnsboro  
Montie Catherine Martin ----- Clemson  
Kenneth Marett Mattison ----- Clemson  
Kathryn McQuilkin Meadowcroft ----- Pikesville, Md.  
John Forrest Miller, Jr. ----- Marianna, Ark.  
Christel Schonberg Minotti ----- Clemson  
Beverly Rose Norris ----- Gastonia, N. C.  
\*\* Janice Bolt Phillips ----- Anderson  
James Killis Phillips III ----- Belton  
Joe Allen Poston ----- Johnsonville  
\* Paulette Ann Prochaska ----- Lafayette, La.  
\* Charles Thomas Rogers ----- Denmark  
Clark Theodore Rogers ----- North Charleston  
Donald Lee Sain ----- Fort Mill  
\* William David Shirley ----- Williamston  
David Luther Sibert ----- Atlanta, Ga.  
Daniel Mouzon Smith ----- Edgefield  
\* Roston Mels Smith, Jr. ----- Anderson  
Zacheous Hatton Suber III ----- Whitmire  
\* Paul Wallner Thurston ----- Clemson  
James Lanier Wannamaker ----- St. Matthews  
\* Keith Hopkins Waters ----- North Augusta  
\* Robert Hamilton Welborn ----- Anderson  
David Charles Whitney ----- Clemson  
\* David Horton Wilkins ----- Greenville

#### BACHELOR OF SCIENCE DEGREE Chemistry

William Eugene Chandler III ----- Greenville  
\* James Paul Driscoll ----- Easley  
\* Barry Rufus Edwards ----- Greenwood

George Little Johnson ----- Newberry  
Larry Hughey McAmish ----- Greenwood  
Kenneth Boone Wagener ----- Clemson

#### Mathematics

\* Joseph Larry Avant ----- Charleston  
\*\*\* Gordon Lee Bailes, Jr. ----- Greenwood  
Robert Wolfe Comer ----- Union  
Gary Alan DeFoster ----- Syracuse, N. Y.  
\* Robert Norris Ewell ----- Greenville  
John Michael Flynn ----- Charleston  
James Alexander Fowler ----- Bennettsville  
Kenneth Brown Grace, Jr. ----- Charleston  
James William Helms, Jr. ----- Lancaster  
John Jasper Kimball III ----- Silver Spring, Md.

\*\*\*Herbert Thomas Littlejohn III ----- Spartanburg  
\* Lawrence Charles Peele ----- Clemson  
Edward Pinckney ----- Awendaw  
Charles William Probst II ----- Montourville, Pa.  
Evelyn Ann Sarka ----- Lansdale, Pa.  
\* Anthony Mario Scialdone ----- Seneca Falls, N. Y.  
Harrell Hudson Waldrop ----- Greenville  
Harry Houston Whitfield, Jr. ----- Greenville

#### Medical Technology

Mary Julia Hawkins ----- Hendersonville, N. C.  
Joseph Leighton Saunders ----- North Augusta

\* Linda Grace Sorrells ----- Seneca

#### Physics

†\* Robert Lee Gardner ----- Cheraw  
\*\*\* David Boyce Greene ----- Greenville  
\* Larry Harwell Noble ----- Saxonburg, Pa.

\* James Ronald Smith ----- Greer  
\*\* Richard Michael Williamson ----- Clemson

### **Pre-Medicine**

William Deal Anderson III	Myrtle Beach	Frank Norbert Mora III	Santurce, Puerto Rico
William Alan Axson	Seneca	Robert Wyman Moss, Jr.	Charleston
* Julius Wistar Babb III	Greenwood	* Charles Frank O'Cain	Orangegburg
* Edward Daniel Biggerstaff III	Charleston	George Darrell Orr	Clinton
Paul Sigmund Bobinski	Darien, Conn.	James Graham Padgett, Jr.	Columbia
William Seaphus Brewer, Jr.	Belton	Randolph Herbert Radke	
*** Donna Simpson Cantrell	Westminster		New York City, N. Y.
* William Benjamin Clark III	Rock Hill	* William Steven Ray	Charleston
Arland Hasty Compton, Jr.	Sumter	Robin Bryan Rhodes	Sumter
Richard Douthitt Davis	Inman	* James DeRee Smith	Belton
James David Dick	Baltimore, Md.	*** Charles Edward Stevenson	Jackson, N. J.
* Michael Earl Donald	Seneca	William Robert Stoddard, Jr.	Taylors
John Wesley Freeman III	Greenville	* John Howard Swicord	Moncks Corner
Jonathan Coleman Glen	Frogmore	Winfield Chamberlain Towles	Mt. Pleasant
Richard Earl Heath, Jr.	Greenville	Ronald Edward Trescot	Charleston
Charles Frederick Kelley	Greenville	* Michael Allen Watts	Camden
* Carl McHenry Lund, Jr.	Birmingham, Mich.	Rodger Norman Weller	Greenville
* Cavert Keith McCorkle	Arlington, Va.	Richard Harold Wells	Anderson

### **ASSOCIATE IN ARTS DEGREE**

#### **Nursing**

Deborah Massey Arnold	Greenwood	Jo Anne Latimer	Anderson
Joyce Elaine Bowman	Iva	Cheryl Louise Lee	New Haven, Conn.
Andrea Faye Clinton	Spartanburg	Kathryn Anne Lusk	Honea Path
Beverly Ann Davis	Wilmington, N. C.	* Sylvia Ann McEntyre	Cleveland, Ga.
Donna Louise Dolby	Easley	Cheryl Anne Michel	Greenville
Sherry Beth Gambrell	Belton	Janie Elizabeth Neel	Williamston
Terry Ann Hayes	Belton	Gloria Jean Rentz	Greenwood
Phyllis Irene Houx	Anderson	Merle Louise Singleton Reynolds	Newberry
Mary Caroline Hughes	Honea Path	** Beverly Ann Sanders	Spartanburg
* Priscilla Kay Johnson		Emmie Elizabeth Steadman	Moore
	Scaly Mountain, N. C.	* Marian Dale Styron	Greenwood
* Cynthia Richards Kahler	Kershaw	Rickey Norris White	Plum Branch
* Janice Melody Landers	Anderson	* Patsy Ann Wilson	Belton

## **SCHOOL OF EDUCATION**

### **BACHELOR OF ARTS DEGREE**

#### **Secondary Education**

** Ralph James Bishop	Taylors	Clyde Burts Simmons, Jr.	Greenwood
Dewey Clinton Craig	Anderson	Sandra Erelene Tinsley	Pendleton
* Linda Jane Race	Belvidere, N. J.		

### **BACHELOR OF SCIENCE DEGREE**

#### **Agricultural Education**

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

Dan Kirkland Gunnels	Clarksville, Ga.	* Johnny William Nobles	Galivants Ferry
Carson Vereen Hardwick	Galivants Ferry	Jackie Rodgers Phillips	Pageland
Larry Michael Keys	Cartersville, Ga.	Keith Lee Smith	Woodstock, Conn.
Roy Daniel Long	Saluda		

#### **Industrial Education**

Michael Stephen Brown	Easley	Frederick Arnold Sargent	Lakeland, Fla.
Ephriam George Cope, Jr.	Newberry	Charles Joseph Watson	Williamsburg, Va.
Oscar Johnson Harry	Grover, N. C.	George Charles Williams, Jr.	Hanahan
* Jerry Lee Jenkins	Simpsonville		

#### **Science Teaching**

Lacy Harris Collins	North Charleston	Thomas Arthur Merrell, Jr.	Myrtle Beach
John Henry Hostetler	Charleroi, Pa.	John Ferdinand Willson, Jr.	Brooklawn, N. J.
John Michael Mandeville	Condon AFS, Oreg.		

## COLLEGE OF ENGINEERING

### BACHELOR OF SCIENCE DEGREE

#### Agricultural Engineering

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

Douglas Richard Bower ----- Spartanburg Maxwell Burney Mitchell ----- Trion, Ga.

#### Ceramic Engineering

\* David Taylor Ballenger ----- Gray Court  
James Luther Carpenter ----- Easley  
Joda Fulton Fortson ----- Elberton, Ga.  
Thermon Laverne Gibbons, Jr. ----- Charlotte, N. C.

Evans Allen LaRoche, Jr. ----- Anderson  
\*\* Charles Richard Reese ----- Union  
Richard Baxter Scott ----- Spartanburg  
Leonard Anthony Senerote, Jr. ----- Belvedere

#### Chemical Engineering

Terry Keith Alexander ----- Spartanburg  
Richard Douglas Berkland ----- York  
William Carl Bernat ----- Charleston  
\* Calvin Hugh Brown, Jr. ----- Columbia  
Paul Gladstone Campbell, Jr. ----- Chester  
Judson Kerfoot Chapin III ----- Greenville  
Thomas Owen Coleman, Jr. ----- Eidson, N. J.  
Frank Johnson Cox ----- Clemson

\* David William Detwiler ----- Columbia  
William Daniel Holder ----- Greenwood  
\*\*\* Richard Wayne Rice ----- Greenwood  
James Merle Rieker ----- Lansdale, Pa.  
William Macon Sheppard ----- Orangeburg  
\* Dave Robinson Stokely, Jr. ----- Kingsport, Tenn.

#### Civil Engineering

Robert Daniel Bowen ----- Ripley, Ohio  
William Martin Boyce ----- Cross Hill  
Walter Richard Brandt ----- Walhalla  
Joseph Richard Briggs ----- College Park, Ga.  
Alex Grady Gamble III ----- Chattanooga, Tenn.  
\*\* James Rhett Hendricks, Jr. ----- Pelzer  
James Francis Jackson ----- Downingtown, Pa.  
Arthur Donald Krudener ----- Bradfordwoods, Pa.  
\* Marion Clare Miller ----- Greer

\*\* Neil Arden Smock ----- Orangeburg  
Wayne Anthony Sturgis ----- North Augusta  
Lawrence Charles Tropea, Jr. ----- Buffalo, N. Y.  
Ted Stennett Valentine ----- Jackson  
Daniel Bailey Vaughan ----- Anchorage, Alaska  
James Charles Ward ----- Lugoff  
William Floyd Wolter ----- Asheville, N. C.  
John Mack Woods, Jr. ----- Greenville

#### Electrical Engineering

James Reginald Baker ----- Newberry  
\* Johnny Eugene Baldwin ----- Lockhart  
\* William Alsey Barker, Jr. ----- Virginia Beach, Va.  
Edmund Mike Bolin ----- Rowesville  
\* Victor August Boudolf, Jr. ----- Charleston  
Furman Houston Brown ----- Laurens  
†\* James McCardless Davis, Jr. ----- Lancaster  
†\*\* Robert Lawrence Dobson ----- Greer  
Donald O'Neill Druelle ----- Charleston  
Derrick Ray Fowler ----- Walhalla  
William Gerald Gambrell ----- Honeysuckle  
Larry Campbell Hart ----- Greenville  
Thomas Richard Hayes ----- Hulmdel, N. J.

George Wilson Jenkins ----- Simpsonville  
†\*\* Sidney Prentiss Kersey, Jr. ----- Chester  
Warren Edward Leddon ----- Columbia  
Jerry Nelson McMullan ----- Miami, Fla.  
Allen Brown Meaders ----- Greenville  
William Hugh Miller ----- Chester  
\* Charles Bradford Nelson ----- Ninety Six  
\* Robert Sidney Rearden, Jr. ----- North Augusta  
Michael Eugene Rice ----- Greer  
Frederick Hobbs Robbins ----- Coral Gables, Fla.  
William Carl Smyre, Jr. ----- Columbia  
†\*\*\* James Wayne Steifle ----- Greenwood  
\*\* Gary Thomas Whitfield ----- Anderson  
Claude Donald Wilson ----- Anderson

#### Industrial Engineering

Theodore Dixon Beam ----- Charlotte, N. C.  
James Allen Marler ----- Fountain Inn

Richard Donald Trapp ----- Hanahan

#### Mechanical Engineering

John Quincy Adams III ----- Charleston  
William Haynes Barnett ----- Campobello  
Glenn Wayne Brannen ----- Great Falls  
Henry Clayborne Cranford, Jr. ----- Norwood, Ga.  
\* Joseph William Culp ----- Rock Hill  
\* Marion Daniel Hancock II ----- Winston-Salem, N. C.  
Jack Scott Harrower ----- Asheville, N. C.

\*\* Sheldon Moseley Jeter ----- Carlisle  
Francis Martin King, Jr. ----- Greenville  
Joe Albert McCarty ----- Columbia  
\*\* Carl Donner Nelson, Jr. ----- Charleston  
John Anthony Pearce ----- North Augusta  
Philip Brian Pegram ----- Coral Gables, Fla.  
William Morris Putnam, Jr. ----- Greenville  
\* Robert Ray Wilson ----- Anderson

### **Metallurgical Engineering**

\* Roy Howard Cooper, Jr. .... Columbus, Ga. .... Howard Roger Welfare, Jr. .... Charlotte, N. C.  
 \*\*\* Joseph Stanland Newton .... Yonges Island

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

### **BACHELOR OF ARTS DEGREE**

#### **Arts and Sciences**

\*\* James Warren Addison .... Fairfax, Ala.  
 Oscar Allen Alexander .... Darlington  
 Wise Henry Batten .... Estill  
 William George Bentley .... Atlanta, Ga.  
 Edward Allen Boyd .... Spartanburg  
 Frank Howell Chapman .... Saluda  
 \* John Hamilton Dineen, Jr. .... McLean, Va.  
 Jackson Edward Fields, Jr. .... Rock Hill  
 Donald Aasendorf Harper .... Andrews  
 Harold Herbert Harrison, Jr. .... Greenville  
 \*\* John Aiken Horton III .... Durham, N. C.  
 Stephen Ford Hutchinson .... Summerville  
 Stephen Lane Jones .... Andrews  
 Clifford Bruce Kavan .... Garden City, N. Y.  
 Robert Frank Kolb II .... Liberty

\* Joseph Barry McCracken .... Branchville  
 John Paul Mattison .... Anderson  
 John Michael Milam .... Sandy Springs  
 Christopher Gill Olson .... Clemson  
 John Elliott Parker .... Hampton  
 Douglas Edward Patterson .... Anderson  
 Adger Smyth Reeves .... Greenville  
 Eugene Corrington Robinson .... Fairbanks, Alaska  
 David Patrick Rochester .... Clemson  
 William Chesley Smith .... Columbia  
 Kenneth Michael Suggs .... Greenville  
 James Roddy Swaim .... Myrtle Beach  
 Joseph Lincoln Walker, Jr. .... Lake Wales, Fla.  
 \* Alton Clinton Whitley, Jr. .... Lancaster

### **BACHELOR OF SCIENCE DEGREE**

#### **Industrial Management**

Harry Robert Anderson, Jr. .... Newnan, Ga.  
 Cecil Wayne Bell .... Greenwood  
 Edward Kenneth Burdette III .... Charleston  
 \* Cabot Robison Caskie .... Arlington, Va.  
 Ernest Altman Commins .... Charleston  
 William Bruce Cutts .... Georgetown  
 Raymond Wayne Davies .... Saddle Brook, N. J.  
 John Alan Dickerson .... Hartwell, Ga.  
 Michael Claude Farmer .... LaFrance  
 Perrin Thompson Gleaton .... Columbia  
 Foster Scott Hardigree .... Hartwell, Ga.  
 Roger Michael Hazelwood .... Hamilton, Ohio  
 Lykes Shelton Henderson, Jr. .... Clinton  
 \* John Lawton Jeffcoat, Jr. .... Swansea  
 Bruce Lowell Kalley .... Rockville Center, N. Y.

\* Edward Bostick LaRoche, Jr. .... Gray Court  
 Floyd Shealy Long .... Mauldin  
 Joe Hinson Lynn .... Lancaster  
 Peter Campbell McKinney .... Denmark  
 William Earl Pinson, Jr. .... Ware Shoals  
 Victor Hudson Poore .... Marietta  
 Marion Graham Pritchard, Jr. .... Chesapeake Beach, Md.  
 Marion Douglas Rice .... Clinton  
 Benny Carlton Smith .... Williamston  
 John Edgar Stepp .... Clemson  
 \* Kenneth Stephenson Stepp .... Clemson  
 \* Jerry Wayne Vaughn .... Lancaster  
 Robert Milton Wilder, Jr. .... Anderson

#### **Textile Chemistry**

George Dukes Crosby .... Walterboro

#### **Textile Management**

John Gary Grubbs, Jr. .... Greenville  
 James Richard Hinson .... Lancaster  
 Stephen Spencer McCrorey .... Rock Hill

Philip Nelson Odom, Jr. .... Charleston  
 David Milton Wilkinson .... Charlotte, N. C.

#### **Textile Science**

Dennis Ryan Bozard .... Bennettsville

#### **Textiles**

Fred Keith Linder .... Clifton  
 James Michael Marcengill .... Williamston  
 Jerry Cade Parker .... Cades

Richard Edward Phillips, Jr. .... Chester  
 William Melvin Sharp .... Honea Path

\* With honor  
 \*\* With high honor  
 \*\*\* With highest honor  
 † With departmental honors

## CANDIDATES FOR MASTERS' DEGREES

### COLLEGE OF AGRICULTURE AND BIOLOGICAL SCIENCES

#### MASTER OF SCIENCE DEGREE

##### Agricultural Economics

William Rufus Clayton	Columbia	William Charles Gillespie
James J. Cravens, Jr.	Hartwell, Ga.	Newport News, Va.
		John David McKittrick Ninety Six

##### Agronomy

Robert Lorin Stephens	Dillon
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##### Animal Science

Thomas Mikell Leland	Summerville	William Chad Stanford	Greer
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##### Entomology

Philip High Darst	Pinehurst, N. C.	Harry Michael Langley
Douglas Michael Gaydon		New Braunfels, Texas
	Powder Springs, Ga.	Clifford Edward Poindexter Liberty
Albert Wayne Johnson	Nichols	James Arnold Reinert Fairmont, Okla.

##### Forestry

Francis Asbury Lawton, Jr.	Greenville
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##### Horticulture

Charles Dwain Altman	Gresham	James Ralph Ballington, Jr.	Lexington
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##### Microbiology

Edwin Lemuel Anderson	Greenville	Noel McKay Hurley	Lancaster
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##### Plant Pathology

Alfred Arthur Graves	Naples, Fla.	James Frederick Moore, Jr.	Louisville, Ky.
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##### Zoology

Dennis Woodrow Newton, Jr.	Newberry	Fred Gray Shealy, Jr.	Seneca
Colleen Louise Rose	Charleston Heights		

### SCHOOL OF ARCHITECTURE

#### MASTER OF ARCHITECTURE DEGREE

Charles Frederick Bischoff	Mobile, Ala.	John Thomas Pfliegel	Cincinnati, Ohio
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### COLLEGE OF ARTS AND SCIENCES

#### MASTER OF ARTS DEGREE

##### English

William Plews Baldwin III	McClellanville	Ann Marie Young	Ft. Lauderdale, Fla.
Joy Hutcheson Steele	Greenville		

#### MASTER OF SCIENCE DEGREE

##### Chemistry

John Landrine Eggers	Boone, N. C.	Thomas Roch Nasser III	Fall River, Mass.
William Thomas Hendrix, Jr.	Spartanburg	Bruce Coleman Rudy	Harrisburg, Pa.

### **Mathematics**

Stephen Flythe Buff	Rutherfordton, N. C.	Bill Larry Neal	Metairie, La.
John Benjamin Cartledge	College Park, Ga.	William Jowayne Padgett	Pickens
William Rex Connor	Tampa, Fla.	Morris Walton Powers	Toney, Ala.
Marlin Don Logan	Decatur, Ala.		

## **SCHOOL OF EDUCATION**

### **MASTER OF AGRICULTURAL EDUCATION DEGREE**

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

David Nielson Coile ----- Lakeland, Fla.

### **MASTER OF EDUCATION DEGREE**

Jacob Patrick Cromer, Jr.	Seneca	Nancy Larsen Turner	Greenville
Martha Ray Sullivan	Anderson		

## **COLLEGE OF ENGINEERING**

### **MASTER OF SCIENCE DEGREE**

#### **Agricultural Engineering**

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

William Kenneth Whitehead ----- Comer, Ga.

#### **Ceramic Engineering**

John Fields Duncan ----- Berea, Ohio

#### **Chemical Engineering**

Leslie Jerome Cribb	Sumter	James William Price, Jr.	Abbeville
Robert Vincent Hendriks, Jr.	Georgetown	Harshad Hariprashad Thakkar	Bombay, India
Prakash Ramchand Mulchandani	Bombay, India	John David Wrenn	Greenwood

#### **Civil Engineering**

Willard Wayne Ganter	William Richard Gedris	Wakefield, Va.
New Martinsville, W. Va.		

#### **Environmental Systems Engineering**

Leonard John Hasty, Jr. ----- Camden

#### **Mechanical Engineering**

James Webb White ----- Rock Hill

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

### **MASTER OF SCIENCE DEGREE**

#### **Industrial Management**

Elmer Earl Burch, Jr.	Spartanburg	Thomas Kent Langley	Greenwood
Frederick Hayes Cone III	Cincinnati, Ohio	Klaus Reiner Konrad Schumann	
Leon James Hendrix, Jr.	Ridgeland		Konstanz, Germany

## CANDIDATES FOR DOCTORS' DEGREES

### COLLEGE OF AGRICULTURE AND BIOLOGICAL SCIENCES

#### DOCTOR OF PHILOSOPHY DEGREE

##### Agronomy

Donald Austin Addison ----- Haines City, Fla.

B.S., University of Florida; M.S., Clemson University

Dissertation: Effects of Soil Microorganisms and Soil Properties on the Dissipation of Selected Pesticides

Charles Richard Lee ----- North Tarrytown, N. Y.

B.S., University of Tampa; M.S., Clemson University

Dissertation: Factors Affecting Plant Growth in High Zinc Media

##### Entomology

Marshall Craig Allee ----- Rome, Ga.

B.A., Shorter College; M.S., Clemson University

Dissertation: Potential of *Aleochara tristis* in Controlling the Face Fly

##### Nutrition

Leon William Davis ----- Parchment, Mich.

B.S., Rutgers University; M.S., Clemson University

Dissertation: Biochemical and Biological Evaluation of High-Protein Inbred Lines of Corn

Robert Myron Lavker ----- White Plains, N. Y.

B.S., University of Delaware; M.S., Clemson University

Dissertation: Fine Structure of Bovine Fore-Stomach Mucosa

##### Plant Pathology

Duangchai Choopanya ----- Bangkok, Thailand

B.S., Chulalongkorn University; M.S., Clemson University

Dissertation: Studies on Peanut Stunt Virus on *Trifolium* Species, especially *Trifolium repens* L

##### Zoology

Jane Austell Wilson ----- Gaffney

B.S., Limestone College; M.S., Clemson University

Dissertation: Histological Changes in the Gonads of House Flies Fed N-methyl p,p-bis (1-aziridinyl) Phosphinic Amide and p,p-bis (1-aziridinyl)-N-(3-methoxypropyl) Phosphinothioic Amide

### COLLEGE OF ARTS AND SCIENCES

#### DOCTOR OF PHILOSOPHY DEGREE

##### Chemistry

Jerry Thomas Charles ----- Spartanburg

B.S., Wofford College

Dissertation: Alkali Metals in Liquid Ammonia

Robert Austin Lloyd, Jr. ----- High Point, N. C.

B.S., High Point College; M.S., Clemson University

Dissertation: On the Configurational Stability of Ketenimines

John Hughes Reynolds IV ..... Winston-Salem, N. C.  
B.A., Shorter College; M.S., Clemson University  
Dissertation: Reaction of Oxygen Atoms With Some Substituted Cyclopropanes

**Physics**

Ronald Henry Fowler ..... Athens, Ga.  
B.S., University of Georgia; M.S., Clemson University  
Dissertation: A Theoretical Study of Three-Body Effects in Fluids and Bound Dimer Concentrations in Rare Gases

Randolph Earl Longshore ..... Greenwood  
B.S., M.S., Clemson University  
Dissertation: Electron Irradiation and Isochronal Annealing of Single Crystals of Aluminum at Low Temperatures

**SCHOOL OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE**

**DOCTOR OF PHILOSOPHY DEGREE**  
**Engineering Management**

Philip Foy Rice ..... Pine Bluff, Ark.  
B.S., M.B.A., University of Arkansas  
Dissertation: An Input-Output Analysis of the American Textile Industry: A Synthesis of Several Techniques Applied to a Revision of the U. S. Department of Commerce 1958 Input-Output Study

**COLLEGE OF ENGINEERING**

**DOCTOR OF PHILOSOPHY DEGREE**  
**Engineering**

Kenneth Robert Dunipace ..... Boulder, Colo.  
B.S., The Ohio State University; B.S., Massachusetts Institute of Technology; M.S., University of Florida  
Dissertation: Optimization of Control Systems Having Cross-correlated Signals (Field of Specialization: Electrical Engineering)

Eugene Perritt Willimon, Jr. ..... Spartanburg  
B.S., M.S., Clemson University  
Dissertation: Application of the Multi-Stage System to a Biological Waste Treatment Process (Field of Specialization: Bio-Engineering)

## **Recipients of Honorary Degrees**

### **ERNEST MASON ALLEN**

ERNEST MASON ALLEN, Director, Office of Extramural Programs, Public Health Service, United States Department of Health, Education and Welfare, has for twenty-five years been actively engaged in the administration of medical research. His contribution to the advancement of public health has been recognized by his appointment as United States representative to an international conference on medical research sponsored by the Council for the International Organizations of Medical Science, The United Nations Educational, Scientific, and Cultural Organization and the World Health Organization. A native of Texas, he received his undergraduate degree from Emory University with honors. He is a member of numerous professional organizations concerned with public health and is the author of many learned treatises in the field of medical science and research.

### **WILBUR DAIGH MILLS**

WILBUR DAIGH MILLS is a member of the United States House of Representatives, in which he has served his native state of Arkansas since 1939. For the past ten years he has been Chairman of the Committee on Ways and Means, member of the Joint Economic Committee and the Joint Committee for Internal Revenue Taxation, all of the House of Representatives. He is recognized as an outstanding authority in the field of taxation. After graduating from Hendrix College, he attended Harvard Law School. His practice of law in Arkansas includes service as a judge of its courts. In addition to his earned degrees, numerous honorary degrees have been conferred upon him in recognition of his outstanding public service.

### **JAMES PIERCE MOZINGO III**

JAMES PIERCE MOZINGO III is a native of South Carolina. He attended Clemson University and received the Bachelor of Laws degree from the University of South Carolina in 1936. He has been in the active practice of law since that date, serving as President of the American Trial Lawyers Association, member of the Board of Directors of the International Academy of Trial Lawyers. Patron of the International Bar Association, and President of the Darlington County Bar Association. He has held numerous positions of importance in the civic and business world, and served as a member of the Board of Trustees of Clemson University, 1941-1947. He has been a member of the General Assembly of South Carolina since 1935. At present he is the Chairman of the Senate Education Committee, the Senate Highway Committee, and Vice Chairman of the Senate Finance Committee. His active leadership and interest in the betterment of education has been instrumental in development of technical education and the State Board of Education. He is Chairman of the Governor's Public Education Committee.

### **HERMAN JOHN NIMITZ**

HERMAN JOHN NIMITZ is a physician and Superintendent of Dunham Hospital, Cincinnati, Ohio. He is a native South Carolinian and graduated from Clemson University in 1917. He received his medical education at the University of Cincinnati and has served as a member of the faculty of the Department of Internal Medicine at that University for many years, lecturing in the field of chest diseases. He holds membership in numerous professional and civic organizations, and serves as consultant to the Cincinnati Anti-Tuberculosis League and the Veterans Administration.

### **ROBERT EDWARD TOOMEY**

ROBERT EDWARD TOOMEY is Director of The Greenville Hospital System, consisting of six separate hospital facilities in and adjacent to Greenville, South Carolina. He did his undergraduate work at Harvard University, receiving a Bachelor of Science degree. He has earned a Master of Education degree from Boston University and a Master of Science degree from Columbia University. He is a member and officer of numerous professional associations and organizations concerned with public health. He is the author of many articles and publications relating to medical administration.

## Emeritus Professors

*A faculty member who has a minimum of fifteen years academic service, ten of which has been at Clemson, and who is on active status at Clemson when he reaches retirement age, is awarded the title "Emeritus." During the 1967-1968 year this title has been earned by five professors:*

JOHN LELAND BROCK, Professor of Industrial Education, joined the University faculty in 1929 after serving two years as Industrial Arts teacher in Newberry, South Carolina. A native of Central, South Carolina, Mr. Brock is a graduate of Clemson University with a Bachelor of Science degree in Electrical Engineering and has a Master of Arts degree in Industrial Arts from George Peabody College. He served as Head of Industrial Education at Clemson from 1949 until 1955 when the Education curricula were transferred to other schools within the University. He is Past President of the Grand Chapter, Iota Lambda Sigma, an Industrial Education fraternity, and is a charter member of Gamma Chapter.

JOHN MILLARD RUSH, Professor of Bacteriology, joined the Clemson faculty as Associate Professor of Bacteriology in February 1947. He was promoted to Professor in 1960. Dr. Rush is a native of Lafayette, Indiana, and received the Bachelor of Arts degree from Indiana University, after which he taught in the secondary schools of Illinois. He received the Master of Science degree from the University of Illinois and the Doctor of Philosophy degree from Purdue University. Dr. Rush is a member of Sigma Xi, The American Society for Microbiology, and the South Carolina Academy of Science. He has been for many years active in the Methodist Church and in the program of the Boy Scouts of America.

WILLIAM EDWARD TARRANT, Associate Professor of Weaving and Design, joined the Clemson faculty in 1936 after six years as Head of the Weaving and Design Department at Auburn University. He is a native of Piedmont, South Carolina, and is a graduate of Clemson University, with a Master of Science degree from Pennsylvania State University. His four years Military Service during World War II was with the Army Air Corps as instructor in various preflight schools. He is a member of Phi Psi Textile fraternity, Industrial Education fraternity, Clemson Sage Club, and served as Commander of the local American Legion Post in 1951. He is an authority in the area of jacquard and fancy weaving.

**WILLIAM BRATTON WILLIAMS**, Associate Professor of Weaving and Design, joined the Clemson University faculty in 1935 after several years in industry and as football coach. A native of Simpsonville, South Carolina, Mr. Williams is a graduate of Clemson with both Bachelor of Science and Master of Science degrees. He was a member of the Clemson Town Council for ten years and a member of the Board of Trustees of the Clemson Methodist Church, serving as chairman for one term. Mr. Williams received the Simpson medal in 1922 and was fullback on the Clemson football team from 1922 to 1924. He has published a textbook on weaving and articles in periodical literature on the subject of "Cam Looms."

**MILNER BRADLEY WILSON, JR.**, Associate Professor of English, received the Bachelor of Arts degree from Wofford College in 1924 and the Master of Arts degree from Columbia University in 1936. He joined the English faculty at Clemson in 1947 as Assistant Professor and has been Associate Professor of English since 1953. Prior to coming to Clemson he served as teacher and principal in the Spartanburg City Schools until 1942, as an officer in the United States Navy from 1942 to 1946, and as Chief of the Veterans Administration Guidance Center in Clemson in 1946 and 1947.

## Awards

### NORRIS MEDAL

First awarded at Clemson University in 1908, the Norris Medal was established under the terms of the will of the Honorable D. K. Norris, a life trustee of this institution. The Medal is given each year to the graduating student who, on the basis of exceptional scholastic achievement and leadership ability, is judged by the University Committee on Honors and Awards to be the best all-around student.

All winners of the Norris Medal have their names fixed to a bronze plaque hanging in the front entrance of Tillman Hall.

#### WINNER OF THE NORRIS MEDAL FOR 1968

James Warren Addison  
Fairfax, Alabama

### FACULTY SCHOLARSHIP AWARD

Established at Clemson University in 1959, this award is made annually by the Faculty of Clemson University to the member of the Graduating Class with the highest Scholastic Achievement.

All winners of the Faculty Scholarship Award have their names fixed to a bronze plaque hanging in the front entrance of Tillman Hall.

#### WINNER OF THE FACULTY SCHOLARSHIP AWARD FOR 1968

Donald Winburn Shelley  
Columbia, South Carolina