

12-21-1972

# Clemson Commencement Program, December 1972

Clemson University

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# CLEMSON UNIVERSITY

Graduation Exercises

December 21, 1972

Clemson, South Carolina

# GRADUATION

Thursday, December 21, 1972

11:15 A. M. Littlejohn Coliseum

## Order of Exercises

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

## Invocation

The Reverend Thomas C. Davis  
Rector, Holy Trinity Episcopal Church  
Clemson, South Carolina

## Conferring of Degrees and Delivery of Diplomas

President Robert C. Edwards

## Benediction

Mrs. Edith B. Card, Organist



# CANDIDATES FOR ASSOCIATE AND BACHELORS' DEGREES

## COLLEGE OF AGRICULTURAL SCIENCES

*Luther Perdee Anderson, Dean*

### BACHELOR OF SCIENCE

#### Agricultural Economics

William Shipp Daniel, Jr. _____	Nichols	Calvert Whitehead Huffines	
Harry Lee Foy, Jr. _____	Barnwell		Southern Pines, N. C.
Samuel Edwin Grady _____	Columbia	Howard Martin Jones _____	Garnett
		Ronald Erwin Jones _____	Pickens

#### Agronomy

Alexander Drummond Close \_\_\_\_\_  
\_\_\_\_\_ Greenwich, Conn.

#### Animal Science

William James Watkins _____	Batesburg	Edward Monroe Younginer III _____	Columbia
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#### Biology

Nancy Elizabeth Harrington _____	Canal Point, Fla.	John Thomas Walker III _____	Columbia
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#### Dairy Science

James Chandler Yeaman \_\_\_\_\_ Durham, N. C.

#### Food Science

\*Charles Edward Schuster \_\_\_\_\_ Hanahan

#### Horticulture

Gerald Brian Beaman _____	Garner, N. C.	James Russell Kingman _____	Clemson
Matthew Bernard Benjamin _____	Bowman	**Paula Ruth Monroe _____	High Point, N. C.
William Thomas Edens _____	North Myrtle Beach	Thomas Leonard Senn _____	Clemson
John Knox Jennings _____	Sumter		

## COLLEGE OF ARCHITECTURE

*Harlan Ewart McClure, Dean*

### BACHELOR OF ARTS

#### Pre-Architecture

Warren James Eng \_\_\_\_\_ New York, N. Y.

### BACHELOR OF SCIENCE

#### Building Construction

Larry Ulmer Clark _____	Hampton	Robert Lewis McGill, Jr. _____	Pelzer
Wilbur Nelson Dulin, Jr. _____	Columbia	William Frank Montgomery, Jr. _____	Boykin
Floyd Douglas Hazelrigs _____	Covington, Ga.	James Carey O'Cain _____	Hendersonville, N. C.
Elliott Huger Lynam III _____	Sumter		

### BACHELOR OF ARCHITECTURE

Glenn Luther Bellamy _____	Myrtle Beach	John Thomas Suber, Jr. _____	Columbia
Curtis Michael Derrick _____	Woodruff	Thomas Trent Weinbrenner _____	Stockton, Cal.

## COLLEGE OF EDUCATION

*Harold Fochone Landrith, Dean*

### BACHELOR OF ARTS

#### Early Childhood Education

*Debra Carolyn Roberts _____	Lexington	**Ella Ledbetter Wyatt _____	Seneca
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### Elementary Education

Martha Ellen Cleveland	Marietta	Susan Lynell Mixon	Langley
*Jeannette Johnson Dukes	Easley	*Debra Martin Penney	Charleston
Mary Elizabeth Gaillard	Easley	Jane Allred Saverance	Annandale, Va.
**Brenda Holbrook Garner	Bowersville, Ga.	Donna Kay Shuler	West Columbia
Rebecca Hunnicutt Graham	Seneca	*Nanette Claire Sloan	Union
*Katherine Warren Holcombe	Easley	*Belinda Polson Walker	Greer
*Denise Elizabeth Johanson			
	North Caldwell, N. J.		

### Secondary Education

William Joseph Orvin Barnard		**Jane Brown Hunnicutt	Seneca
	Guthrie, Okla.	*Jane Marie Lanahan	Greenville
Carlott Ussery Beddingfield	Asheville, N. C.	*Jane Bowers Martin	Tallahassee, Fla.
**Jane Louise Biediger	Greenville	*Thomas Edward Quinn	Greenville
*Nancy Carolyn Blakely	Ora	Louise Showalter Rambo	Anderson
Reba Dianne Bolter	Piedmont	Judith Annette Ridlehoover	Piedmont
Jane Towery Chandler	Sumter	**Carlotta Kornahrens Rutter	Summerville
Dorothy Savage Drake	Anderson	Nancy Anna Shugart	West Union
Robert Francis Fasinski	Green Brook, N. J.	James Edwin Shute	Fort Mill
*Phyllis Danenhower Fowler	Pendleton	Harold Tappey Squires	Greenwood
Norman Botsford Hamilton		Barry Edward Toney	Spartanburg
	Newport News, Va.	*Debra Lee Williams	Greenville
Stanley Phillip Hopkins	Royston, Ga.	Andrew Fabian Witko	Alexandria, Va.
Fred Randall Huffman	Greenville		

### BACHELOR OF SCIENCE

#### Agricultural Education

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

David Alfonzo Abney	Monetta	Harold Fulton Paxton	Brevard, N. C.
James William Abrams	Ware Shoals	Clarence Michael Payne	Kershaw
James Benjamin Anderson	Effingham	*Michael Ernest Pitts	Greenville
Thomas Wesley Carter	Chester	Edward Peter Rodelsperger	Newberry
Coleman Walter Dangerfield, Jr.		*James Randall Young	Kershaw
	Moncks Corner		

#### Industrial Education

Wilbur Carlyle Ardis, Jr.	Manning	Francis Harold Lanford	Walhalla
Laurence Rhoderic Blackhurst III		Randall Watson Moon	Anderson
	Buckingham Court House, Va.	Joseph Shuler Reid III	Woodruff
Donnie Jerry Edwards	Greenville	Judd Keith Scott	Anderson
Thomas Lockwood Gleaton	Mt. Pleasant	**Jerry Arnold Whitmire	Pendleton
David Keith King	Taylors		

#### Science Teaching

Milton Martin Epstein, Jr.	Atlanta, Ga.	Jay Milton Fleming	Charlotte, N. C.
Michael Houston Farmer	Taylors	Jerry McDonald Thornton	Pauline

## COLLEGE OF ENGINEERING

*James Leon Edwards, Acting Dean*

### BACHELOR OF SCIENCE

#### Agricultural Engineering

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

Richard Alfred Coleman	Saluda	*Thomas William Plumblee	Newberry
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### Chemical Engineering

Michael Neal Freeland -----	Greenville	James Dyson Warren, Jr. ---	Charleston Heights
Robert Ashley Lindstedt -----	Tifton, Ga.		

### Civil Engineering

John Samuel Cox -----	Greenville	Melvin Samuel Merck -----	Central
Millard Wilson Dowd, Jr. -----		James Rodney Readling -----	Florence
-----	Burlington, N. C.	**William Hugh Seymour -----	Sumter
Kenneth Everette Hines -----	Macon, Ga.	Herbert Pressley Tompkins, Jr. ---	Summerville
William Boyleston House ---	Little Mountain	*Henry Madison Walters -----	Anderson
Jerry Lamar Kirkland -----	Hodges	Don Alan Worley -----	Newberry
Robert Shelley Long -----	Charleston		

### Electrical Engineering

William Barrett Alston -----	Bristol, Tenn.	Carlisle Edward Evans, Jr. -----	Orangeburg
Michel Archambault -----	Clinton	Zarvis Thomas Ford, Jr. -----	Florence
*Thomas Leroy Billings -----	Hanahan	Robert Shaw Garrett -----	Mountville
William Clayton Brasington -----	Gaffney	William Dexter Holley -----	Augusta, Ga.
Clifton Yates Bumgardner, Jr. ---	Lancaster	Naresh Chander Jain -----	New Delhi, India
John Lamar Callaway III -----	Covington, Ga.	Ernest Burns Johnston, Jr. -----	Belton
Bruce Edward Carter -----	Charleston	Frank Charles Phelps III -----	Easley
Man-Chung Joseph Chan -----	Hong Kong	**Carl Miller Poe -----	Clemmons, N. C.
*Wah Shan Chiu -----	Hong Kong	Jerry Wayne Shaw -----	Ware Shoals
Talbert Kenneth Coker -----	Turbeville	Jack Augustus Stinson, Jr. -----	Charleston
Phil Stanley Collins -----	Branchville	Frank Randolph Vaughn -----	Taylors
Robert Allen Dickard -----	Pickens	Richard Lee Wiley -----	Anderson
Murrell Jay Eichelberger ---	Mount Dora, Fla.		

### Engineering Analysis

Donald Bruce Fore -----	Georgetown	Raymon Philip Spreen -----	Lincoln, Mass.
Shellie McRoy Sauls -----	Mullins	Lee Edward Wheatley -----	Augusta, Ga.

### Mechanical Engineering

Edwin Lee Blackwell -----	Hanahan	Raymond Keast Piatt -----	Durham, N. C.
William Arthur Campbell III -----	Hull, Ga.	Riggie Claydale Smith -----	Greenville
Michael Paramore Keys -----	Walhalla	Raymond Ruebush Whitt, Jr. -----	Easley
Andrew William Lucot III ---	Edgewood, Md.	Sidney Earl Windham -----	Lamar
John Michael McConnell -----	Anderson	Deward Boyce Woolbright III ---	Spartanburg

### Technical Operations

Thomas Blackburn -----	Morehead City, N. C.	Alvin Everett Saunders, Jr. -----	Orangeburg
Wilson Blackburn -----	Morehead City, N. C.	Michael Floyd Watson -----	Easley
John Barry Greene -----	Greenville	John Nicholas Whalen -----	Greenville
Tony Warren Parker -----	Bamberg		

## COLLEGE OF FOREST AND RECREATION RESOURCES

*William Henry Davis McGregor, Dean*

### BACHELOR OF SCIENCE

#### Recreation and Park Administration

Jimmy Michael Arflin -----	Anderson	Richard deCatrique Rusher -----	Columbia
John David Brunjes, Jr. -----	Savannah, Ga.	Michael Francis Scanlan III -----	
Frank William Chandler III -----	Sumter	-----	Texarkana, Tex.
John Joseph Criscione, Jr. -----	Chester	Steven Randolph Sholl -----	Crofton, Md.
Peter John Galuska -----	Rochester, Minn.	Bernard Craig Thomas -----	Rock Hill
William Daniel Grogan -----	Liberty	Richard Ashton Traynham -----	Greenville
Willard Harley Hayes -----	Gaffney	Thomas Miles White, Jr. -----	Sumter
Michael Lee Henderson -----	Clemson	Keith Maxwell Wilson -----	Atlanta, Ga.
Richard Wilkie Ploof -----	Greenville	George Dennis Zatezalo -----	Aliquippa, Pa.
Thomas Marion Robinson -----	Clover		



## COLLEGE OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE

*Wallace Dabney Trevillian, Dean*

### BACHELOR OF ARTS

#### Arts and Sciences

James Wilson Bigby .....	Greenville	David Denniston Peake ..	Pt. Pleasant, N. J.
*Catherine Jean Conover ..	Tallahassee, Fla.	Jay Stanley Phillips .....	Rockville, Md.
Thomas Keith Ford .....	Fairforest	Richard Carroll Power .....	Laurens
Robert Douglas Goshorn .....	Summerville	Steven Kelton Quattlebaum .....	Manning

### BACHELOR OF SCIENCE

#### Administrative Management

Jimmy Dale Ballard .....	Greenville	Joseph Edwin Harper .....	Greenville
Charles Benson Duncan, Jr. ....	Greenville	Albert Lawrence Hunt ..	Orchard Lake, Mich.
Harold Michael Gainey .....	Hartsville	Robert Terry Levine .....	Allentown, Pa.
John Daniel Garrison .....	Piedmont	Arthur Lee Linhart .....	Pittsburgh, Pa.
George Martin Gilchrist .....	Orangeburg	Robert Edward Sink, Jr. ....	Charleston
Dale Alan Hampton .....	Easley	Thomas Burwell Smith .....	Laurens

#### Financial Management

Billy Ross Caton, Jr. ....	Anderson	George Arthur Pappas .....	Charleston
Don Ramsey Holder .....	Greer	David Lee Singleton .....	Greenville

#### Industrial Management

Michael Harry Barnhart .....	Cheraw	Carl Smith Matheny, Jr. ....	Greenville
Richard Glenn Bolt .....	Greenwood	Dennis Ray Moore .....	Greenville
William Ross Brewer .....	Allendale	Eric Charles Randall .....	Aiken
George White Copeland .....	Clinton	Joseph William Reynolds .....	Hanahan
Robert James Fairey .....	Orangeburg	Samuel Edward Smith, Jr. ....	Lake City
Charles Henry Herron .....	Charleston Heights	William Robert Thomas .....	Charleston
Joseph Steven Holcombe .....	Greenville	William David Thrailkill .....	Greenville
*James Graham Jackson .....	Hampton	Lawrence Lee Unger .....	Greenville
Ernest Franklin Livingston .....	North	Russell Stuart Williams .....	Greenville

#### Textile Science

Thomas Wickliffe Allgood .....	Elberton, Ga.
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## COLLEGE OF LIBERAL ARTS

*Headley Morris Cox, Dean*

### BACHELOR OF ARTS

Joseph Michael Agusiewicz ..	Annandale, Va.	Steven Jay Lewter .....	Stone Mountain, Ga.
***Michal Lucile Baird .....	Darlington	Lynn Williams Lindstedt .....	Anderson
Randy Lee Beckwith .....	Fairfield, N. J.	*Beverly Ann Lusk .....	Pendleton
Rebecca Roy Benfield .....	Brevard, N. C.	Henry Mahone Moody, Jr. ....	Cayce
**Alice Margaret Bridges .....	Greenville	Daniel William Raymond Moore .....	
William Lide Bryant .....	Bishopville		North Myrtle Beach
*Deborah Ann Burnette .....	Cleveland, Tenn.	Charlie Stephen Oliver .....	Duncan
*Virginia Filling Clinchard ..	New Bern, N. C.	James Edwin Porter III .....	Lexington
***Carolyn Harrison Constantin ..	Largo, Fla.	Bruce Walker Price, Jr. ....	Anderson
Judith Marquis DeHoff .....	Manhasset, N. Y.	Edwin Page Rogers, Jr. ....	Mullins
William Dale Gilbert .....	Florence	*Gail Marie Roup .....	Waynesboro, Va.
Cheree Gillespie .....	Carlisle Barracks, Pa.	Claude Wilson Southard, Jr. ....	North Augusta
*Ronald William Grant .....	Pickens	Karen Ellis Stuart .....	Greenwood
*Sally Henry .....	Spartanburg	Murray Redmon Todd .....	Norfolk, Va.
Junius Stephen Hopper .....	Anderson	Fran Williams .....	Charleston
Thomas Martin King .....	Travelers Rest	Melinda Harrelson Zipf .....	Greenville
**Charles Edward Latimer .....	Bishopville		



## COLLEGE OF NURSING

*Geraldine Labecki, Dean*

### ASSOCIATE IN ARTS

#### Nursing

Debra Ailene Webb ----- Hartsville

## COLLEGE OF PHYSICAL, MATHEMATICAL, AND BIOLOGICAL SCIENCES

*Henry Elliott Vogel, Dean*

### BACHELOR OF ARTS

#### Arts and Sciences

Patricia Lynn Shaw ----- Gastonia, N. C.      \*Patricia Bailey Wayne ---- Magnolia, Mass.

### BACHELOR OF SCIENCE

#### Chemistry

\*Danae Georges ----- Clearwater, Fla.      Kenneth Wayne Putman ----- Blacksburg

#### Mathematics

\*Robert Willimon Leonard, Jr. -- Spartanburg      \*\*Patricia Ann Smith ----- Summerville  
John Phillip Martin ----- Seneca      Thomas Klugh Turner III ----- Greenville

#### Medical Technology

Yan Ellen Chiu ----- Hong Kong

#### Microbiology

John Caswell Barron ----- Columbia      Carol Ann Holder ----- Columbus, Ga.  
Terry Quinton Hiers ----- Henderson, Tex.      \*Mary Frances Noel ----- Hopkinsville, Ky.

#### Physics

Milton Lamar Fulghum, Jr. -- North Augusta

#### Pre-Medicine

Andrew Steven Avant ----- Hampton      Dennis Hill Edwards, Jr. ----- Greenville  
\*George Louie Chandler ----- Belton      Gregory David Laur ----- Summerville  
James Daniel Coke ----- Six Mile      James Patrick Shealy III ----- Rock Hill  
Willard Wayne Cooper ----- Greenville      Richard Edward Sillivant, Jr. ----- Charleston

#### Zoology

\*\*James Liguori Brannen ---- Bellevue, Nebr.      Peter Steven Mowlajko ----- Barnwell  
\*\*Karen Wolff Dozier ----- Mystic, Conn.      Carlton Douglas Ouzts ---- Monroeville, Pa.  
Francis Simons Hane ----- Ft. Motte      Sallie Ann Sturgis ----- Rock Hill  
Palmer Eric Krantz III ----- Columbia      Terry Wayne Taylor ----- Greenville

\*With honor

\*\*With high honor

\*\*\*With highest honor



# CANDIDATES FOR MASTERS' DEGREES

*Arnold Edward Schwartz, Dean, Graduate School*

## COLLEGE OF AGRICULTURAL SCIENCES

### MASTER OF AGRICULTURE

Gerald Ray Burkett	Cayce	Darrel Hunt	Kimper, Ky.
Joseph Eugene Cely	Easley	Roger William Mudd	Bennettsville
Edward Benson Earle, Jr.	McBee	Charlene Nash Youngblood	Columbia
Ellen Johnson Hall	Aiken		

### MASTER OF SCIENCE

#### Animal Science

Charles McHenry Banks	Chester	William Rogers Boone	Clemson
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#### Horticulture

Harry Max DuBose	Myrtle Beach
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#### Plant Pathology

William Kenneth Glenn, Jr.	Starr
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#### Poultry Science

David Michael Holbrook	Asheville, N. C.	Wilbur Kearse Milhous	Olar
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#### Wildlife Biology

Bruce Donald Snyder	Columbia
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## COLLEGE OF ARCHITECTURE

### MASTER OF ARCHITECTURE

Paul Byron McClanahan	Erwin, N. C.
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## COLLEGE OF EDUCATION

### MASTER OF EDUCATION

Catharine Thomas Abbott	Central	Jimmye McFarland Laycock	Hamilton, Va.
Fred Girardeau Auld III	Columbia	Jack William Littlefield	Greer
Linda King Banks	Live Oak, Cal.	William Duane Loftis	Anderson
Kathleen Wood Brown	Anderson	Martha Linda Lusk	Central
Elizabeth Martin Cornwell	Anderson	Susan Elaine McFall	Greenwood
Betty McCallum Fort	Greenville	Vivian Whitten Owens	Walhalla
Mary Ann Franklin	Greenwood	Claude Aubrey Parks III	Charlotte, N. C.
Cherry Summers Garrison	Pendleton	Charles William Patterson, Jr.	Greenville
Linda DeLooper Garvin	Tampa, Fla.	Jean Kennerly Pendergrass	Gainesville, Ga.
James Ambros Gilstrap, Jr.	Travelers Rest	Melvin Harrison Poore	Anderson
Beverly Wallace Harris	Anderson	John Sanders Reeves, Jr.	Pendleton
Amos Hykes	Greencastle, Pa.	Clinton Audis Richardson	Seneca
Andrew Patrick Inabinet	Orangeburg	Byrd Smith	Belton
Eddie Jones, Jr.	Greenville	Joanne Mater Thomas	Simpsonville
James Edward Keller	St. Matthews	Carol Marilyn Walker	Englishtown, N. J.
Paul Michael Kelly	Anderson	Rose Alethia Walker	Taylors
George Hilliard Knight	North Augusta	Nancy Smith Wilkinson	Pendleton
Benjamin Levi Knighton, Jr.	Woodruff	William Herbert Woolbright	Abbeville

### MASTER OF INDUSTRIAL EDUCATION

Richard Himes Bellflower	Easley	J. P. Camp	Winnsboro
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## COLLEGE OF ENGINEERING

### MASTER OF SCIENCE

#### Agricultural Engineering

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

William Armstrong Balk ----- Augusta, Ga.      Andrew Gilbert Jordan ----- Louisville, Ga.

#### Bioengineering

Thomas Lee Broadwell ----- Forest Park, Ga.      Michael Gene Waldon ----- Terre Haute, Ind.  
Mao-yao Huang ----- Ching Shui, Taiwan

#### Ceramic Engineering

Fisk Outwater ----- Jacksonville, Ark.

#### Civil Engineering

Joseph Oscar Conn ----- Charlotte, N. C.

#### Electrical Engineering

John Drayton Bullock, Jr. -- Clearwater, Fla.

#### Environmental Systems Engineering

William Wade Clarkson ----- Columbia      Paul Edward White, Jr. -- Silver Spring, Md.  
William Charles Hiatt ----- Walkerton, Ind.

#### Materials Engineering

Coimbatore Venkateswaran Iswaran ----- New Delhi, India

#### Mechanical Engineering

Jerry Lynn Cooper ----- Rock Hill      Daniel Lawrence Ferguson  
----- Charleston Heights

#### Water Resources Engineering

Thomas Gilbert King      David Michael Koss ----- Amawalk, N. Y.  
----- Maidstone, Kent, England      Forrest Monroe Whittington ----- Loris

## COLLEGE OF FOREST AND RECREATION RESOURCES

### MASTER OF SCIENCE

#### Forestry

Kenneth Albert Sterling ----- Pittsfield, Mass.

## COLLEGE OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE

### MASTER OF SCIENCE

#### Management

Michael Freed Archer ----- Aberdeen, Md.      William Cone Peters ----- Charleston  
James Franklin Cox III ----- Charleston      Dan Milton Earl Rogers ----- Williamston  
Michael Eugene Evans ----- Timmonsville      Robert Forrest Skoog ----- Baton Rouge, La.  
Jackson Edward McCann, Jr. ----- Abbeville

#### Textile Chemistry

Donna Dae Dowdy ----- Richmond, Va.

#### Textile Science

William Francis Nolan -- Willow Grove, Pa.



## COLLEGE OF LIBERAL ARTS

### MASTER OF ARTS

#### English

Dianne Grainger Butler ----- Aynor

## COLLEGE OF PHYSICAL, MATHEMATICAL, AND BIOLOGICAL SCIENCES

### MASTER OF SCIENCE

#### Chemistry

Howard Allen Suddeth ----- Spartanburg      Tsu-Chieh Eddy Wang ----- Keelung, Taiwan

#### Mathematics

Gerard Joseph Tassin ----- Vacherie, La.      Richard Carl Vaughan ----- Greenville  
Carolyn Virginia Taylor ----- Greenville

#### Microbiology

JeMin Charles Hsu ----- Hsin-Chu, Taiwan      Sheryl Ann Lindsey ----- Maitland, Fla.

#### Physics

Donald Lee Foster ----- Marysville, Mich.      Jack David Heneisen ----- Memphis, Tenn.  
Brian Paul-Michael Gaffney  
----- Brockton, Mass.



# CANDIDATES FOR DOCTORS' DEGREES

*Arnold Edward Schwartz, Dean, Graduate School*

## COLLEGE OF AGRICULTURAL SCIENCES

### DOCTOR OF PHILOSOPHY

#### Agricultural Economics

William Woodward Hall, Jr. \_\_\_\_\_ York

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

Dissertation: The Demand for Environmental Quality: Theory and Measurement

#### Animal Physiology

Howard David Guthrie II \_\_\_\_\_ Kellogg, Iowa

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

Dissertation: Superovulation in the Pig with Pregnant Mare's Serum Gonadotropin: Effect on Plasma Hormone Concentrations and Fertility

Robert James Wordinger \_\_\_\_\_ Philadelphia, Pa.

B.S., Pennsylvania State University; M.S., Clemson University

Dissertation: Effect of Melengestrol Acetate and Undernutrition on the Bovine: I. Carbohydrate Histochemistry of the Ampulla, Endometrium and Cervix II. Cytophysiology of the Pars Distalis

#### Entomology

Douglas Michael Gaydon \_\_\_\_\_ Powder Springs, Ga.

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

Dissertation: Studies on Behavior of the Plum Curculio, [*Conotrachelus nenuphar* (Herbst)] in South Carolina

#### Nutrition

Robert Graham Bursey \_\_\_\_\_ Leominster, Mass.

B.S., North Georgia College; M.S., Medical College of Georgia

Dissertation: Effects of Maternal Ethanol Consumption During Gestation and Lactation on the Development and Learning Performance of the Offspring

#### Plant Physiology

Robert Newton Ferebee \_\_\_\_\_ Denton, Tex.

B.S., McMurray College; M.S., North Texas State University

Dissertation: The Effects of Selected Herbicides on Bacterial Populations in an Aquatic Environment

## COLLEGE OF ENGINEERING

### DOCTOR OF PHILOSOPHY

#### Engineering

Kingsley Ellis Forry \_\_\_\_\_ Gahanna, Ohio

B.S., Capital University; M.S., Brevard Engineering College

Dissertation: A General Monte Carlo Simulation Model for Estimating Large Scale System Reliability and Availability (Field of Specialization: Electrical Engineering)

Elton Eugene Mitchell, Jr. \_\_\_\_\_ Okmulgee, Okla.

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

Dissertation: Active Control of Machine Tools for Chatter and Surface Finish (Field of Specialization: Mechanical Engineering)

Jerald Paul Peterson \_\_\_\_\_ Syracuse, Ind.

B.S., Indiana Institute of Technology; M.S., Clemson University

Dissertation: Increase Turbulent Dispersion in Dilute High Polymer Drag Reducing Open Channel Flow (Field of Specialization: Chemical Engineering)



Daniel Charles Stanzione ----- Hartsville  
B.S., M.S., Clemson University  
Dissertation: Instructional Software in a Multimedia Classroom Environment (Field of Specialization: Electrical Engineering)

James Robert Tucker ----- Babson Park, Fla.  
B.S., M.S., University of Florida  
Dissertation: The Reduction of Nitric Oxide on Activated Carbon at Elevated Temperatures (Field of Specialization: Chemical Engineering)

Walter Alfred Weers ----- Minneapolis, Minn.  
B.S., M.S., University of Minnesota  
Dissertation: The Effect of Contacting Patterns on the Transient Response of Activated Sludge Systems (Field of Specialization: Environmental Systems Engineering)

## COLLEGE OF PHYSICAL, MATHEMATICAL, AND BIOLOGICAL SCIENCES

### DOCTOR OF PHILOSOPHY

#### Chemistry

William Thomas Hendrix, Jr. ----- Spartanburg  
B.S., Wofford College; M.S., Clemson University  
Dissertation: Reactions of Metal Carbonyls with Olefins: A Mechanistic Study

Shiva Naik Singh ----- Jaunpur, India  
B.S., Agra University; M.S., Benares Hindu University; M.S., Emory University  
Dissertation: Synthetic Approaches to Ring-E of Veratramine

#### Mathematics

Richard Bryan Evans ----- Ridgewood, N. J.  
A.B., Catawba College; M. S., Clemson University  
Dissertation: Asymptotic Behavior of Perturbed Linear Functional Differential Equations

Henry Arthur Pellerin ----- Lafayette, La.  
B.S., University of Southwestern Louisiana  
Dissertation: Characterization Problems in Graph Theory

#### Physics

William Alfred Lindstrom ----- Wetumpka, Ala.  
B.S., Auburn University; M.S., Clemson University  
Dissertation: Fluxon Coupling in Superconducting DC Transformers