Exercises of Graduation

Saturday, June 1
Nineteen Hundred and Sixty-three
Degrees Awarded 1962-63

Corrections on pages 14, 16, 18, 25
MUSICAL PROGRAM

Exercises of Graduation

William Neal Reynolds Coliseum

June 1, 1963

CARILLON CONCERT: 9:30 A.M.  The Memorial Tower
Ralph W. Daniel, Carillonneur

NORTH CAROLINA STATE COLLEGE BAND CONCERT: 9:45 A.M.

March – King Cotton .............................................. Sousa
Orlando Palandrino ................................................... Haydn
Farandole, from L'Arlèsienne Suite ................................ Bizet
Zueignung ............................................................... R. Strauss

Pictures at an Exhibition ........................................... Moussorgsky
The Hut of Baba-Yaga
Great Gate of Kiev

PROCESSIONAL: 10:15 A.M.
March Processional ................................................... Grundman

RECESSIONAL:
University Grand March ........................................... Goldman

NORTH CAROLINA STATE COLLEGE BAND

J. Perry Watson, Director of Music
Donald B. Adcock, Assistant Director of Music
COMMENCEMENT PROGRAM

Exercises of Graduation

William Neal Reynolds Coliseum

June 1, 1963

PROCessional 10:15 A.M. ......................................................... Donald B. Adcock
                               Conductor, North Carolina State College Band

The audience is requested to remain seated during the procession.

PRESIDING ............................................................................. John T. Caldwell
                             Chancellor, North Carolina State College

WELCOME

INVOCATION ................................................................. Oscar B. Wooldridge
                               Coordinator of Religious Affairs
                               North Carolina State College

ADDRESS ................................................................................. David E. Bell
                               Director, Agency for International Development
                               United States Department of State

CONFERRING OF DEGREES .................................................. John T. Caldwell
                               Chancellor, North Carolina State College
                               Harry C. Kelly
                               Dean of the Faculty

Candidates for baccalaureate degrees presented by Deans of Schools. Candidates for advanced degrees presented by the Dean of the Graduate School. Candidates for honorary degrees presented by their sponsors.

AWARDING OF GOODWIFE DIPLOMAS .................................... Floyd E. McCall
                               President of Student Government

ANNOUNCEMENT OF OUTSTANDING TEACHER AWARDS .............. John W. Earnhardt, Jr.
                               President, Class of 1963

REMARKS TO THE GRADUATING CLASS ......................................... William C. Friday
                               President, University of North Carolina
                               Terry Sanford
                               Governor of North Carolina
                               John T. Caldwell
                               Chancellor, North Carolina State College

BENEDICTION

RECESSIOINAL

The audience is requested to remain seated until recessional music is concluded.
SOCIAL HOUR AND DISTRIBUTION
OF DIPLOMAS

Exercises of Graduation

2:00 P.M.

School and Department Social Periods
(Distribution of Diplomas)

School of Engineering in Departments

School of Education, Carmichael Gymnasium

School of Physical Sciences and Applied Mathematics,
118-119 Riddick Laboratories

School of Agriculture in Departments

School of Forestry, 162 Kilgore

School of Textiles, Textile Auditorium

School of Design, Brooks Hall
DEGREES CONFERRED

June 1, 1963

School of Agriculture

BACHELOR OF SCIENCE IN AGRICULTURAL ENGINEERING

Jointly Administered by Schools of Agriculture and Engineering

Clemon Elton Bass, Jr. ........................................ Edenton
James Jackson Buffaloe ........................................ Willow Springs
Stanley Mitchell Leary .......................................... Camden
Richard Arnold Moore ........................................ Aulander
Louis Alan Vance ............................................... Plumtree

BACHELOR OF SCIENCE

Agricultural Economics
Donald Williams Baker ........................................ Belvidere
Henry Louis Brake, III ......................................... Rocky Mount
Robert Charles Cochran ....................................... Robersonville
Clarance Preston Cornelius .................................. Troutman
Thomas Holland Gunter ....................................... Raleigh
Robert Joseph Harris, Jr. ...................................... Raleigh
William Ray Martin ........................................... Lenoir
Woodrow Manning Taylor .................................... Deep Run

Agricultural Engineering
Stancil Lawrence Dilda, Jr. ................................. Fountain
Luther William Hedspeth, Jr. ................................. Conway
John Durell Jordan, III ....................................... Clarkton
Animal Science
Woodrow Antonia Anderson ........................................ Goldsboro
Roger Eugene Collins ............................................. Sparta
Robert Wayne Conner ............................................. Clover, Va.
Guy Abner Cutler .................................................. Washington
Phil Ray Thomas, Jr. ................................................ Bakersville

Crep Science
*Reuben Grant Broadwell ........................................ Raleigh
Henry Thomas Brown, Jr. ......................................... Ahoskie
Edward Franklin Eason, Jr. ....................................... Elon City
Bobby Sutton Heath ................................................ Trenton
*Roy Walton Mozingo ............................................. Princeton
Fentress Horner Munden .......................................... Elizabeth City
Edward Calvin Wall ............................................... Rural Hall

Food Science
Clarence Preston Cornelius ....................................... Troutman
Robert Jackson Drye, Jr. ......................................... Charlotte
Charles Finley Rosignol, Jr. ..................................... Thomasville

Horticultural Science
Harold Holyoake Jones, Jr. ....................................... New Bern
Jimmy Baine Lee ................................................... Lumberton

Plant Protection
Joseph Morgan Carpenter, Jr. ................................... Wagraum
Joseph Bertram Hollowell, Jr. ................................... Edenton
Hazel Benton Matthews, Jr. ...................................... Hertford

Rural Sociology
Mary Helen Barden ................................................ Raleigh
Edward Lawrence Garrison ....................................... Morganton
John Franklin Speight ............................................ Winston-Salem

Soil Science
James Lawson Chandler, Jr. ..................................... Ruffin
Bobby Joe Conner .................................................. Wilmington
Wayne McCaskell Cox .............................................. Tabor City
Edward Franklin Eason, Jr. ....................................... Elmi City
Roy Anderson Goodwin, Jr. ....................................... Lumberton
Garland Dan McCullen ............................................. Mount Olive
Charles David Raper, Jr. .......................................... Whiteville
John Garry Warren ................................................ Whiteville

Zoology
*Ann Elizabeth Franklin Bryson ................................ Asheville
*John Allen Caudle ................................................ Lenoir
Francis Bernard Dove, Jr. ....................................... Charlotte
John Frank Foy ..................................................... Bradenton, Fla.
Sterlin Ernest Mason .............................................. Belhaven
Hazel Benton Matthews, Jr. ...................................... Hertford
*Philip Raiford Miller, Jr. ....................................... Concord
*Willis Alton Reid, Jr. ............................................ Raleigh
David Ralph Reynolds ............................................ Patrick Springs, Va.

* Honors
School of Design

BACHELOR OF ARCHITECTURE

Norman Eugene Bartholomew .................................................. Rocky Mount
Joseph Bickett Bass .............................................................. Winston-Salem
William Randall Bray ............................................................. Goldsboro
Paul Thurman Briggs, Jr. ......................................................... Lexington
**Edgar Roger Calloway, III .................................................... Kingsport, Tenn.
*Alexander Lewis Carter ....................................................... Kingsport, Tenn.
Leo James D'Aleo ........................................................................ Jamison, Penna.
Larry Lee Ellis ........................................................................... Raleigh
*Kenneth Lloyd Haggard, II ...................................................... San Antonio, Texas
William Thomas Harris, Jr. ....................................................... Durham
William Newell Hartsell, Jr. ....................................................... Albemarle
*Woodrow Wilson Jones, Jr. ..................................................... Rutherfordton
Charles Leigh McMurray .......................................................... Spruce Pine
Michael Gurney Marshall .......................................................... Winston-Salem
**Gerrard Edmond Raymond ................................................... New Orleans, La.
Gunther Johann-Phillip Reuer .................................................. Berlin-Dahlem, Germany
Robert Calton Riddle ............................................................... Sanford
*Philip Augustus Shive ............................................................. Scotts
John Knox Smith ....................................................................... Birmingham, Ala.
Alva Hill Ward, III ..................................................................... Wilmington
David Newkirk Weed ............................................................... Westfield, N. J.
James Belmont Willis, Jr. ........................................................... Morehead City

BACHELOR OF LANDSCAPE ARCHITECTURE

Roger Allen Briggs ................................................................. Lexington
Albert Heath Carrier, III ........................................................... Charlotte
*David Delano Teachout ........................................................... Los Angeles, Calif.

BACHELOR OF PRODUCT DESIGN

Jerry Manley Cebe ..................................................................... Durham
Clarence Russell Duncan, Jr. ...................................................... Lincolnton
Robert William Leath ............................................................... Sanford
Victor Aaron Pickett ................................................................. Durham
Calvin Collins Pippin ................................................................. Smithfield
Emory Welch Sadler ................................................................... Kenansville
Arthur James Shepard, Jr. .......................................................... Asheville
*Louie Willard Watkins, Jr. ....................................................... Wilmington

* Honors    ** High Honors
BACHELOR OF SCIENCE IN EDUCATION

Agricultural Education
*Bobby Gene Brock .................................................................................................................. Wade
**Hugh Alexander Clark ......................................................................................................... Elizabethtown
Edward Snuggs Dennis, Jr. ..................................................................................................... Clarkton
Crawford Monroe Enzor, Jr. ..................................................................................................... Fair Bluff
*Benny Bryant Hampton .......................................................................................................... Elkin
Millard Cleveland Howell, Jr. ................................................................................................. Wadesboro
James Willis Lawson ............................................................................................................... Orrum
James Mack McCormick .......................................................................................................... Sanford
Henry Lloyd Miller .................................................................................................................. Salisbury
Samuel Max Parker ................................................................................................................ Mount Ulla
William Gene Powell ........................................................................................................... Robersonville
Jennings Bryan Smith, Jr. ........................................................................................................ Harbinger
*John Marvin Soles ................................................................................................................... Whiteville
James Clifton Teachey ............................................................................................................. Rose Hill
John Lewis Wilkins .................................................................................................................. Stem

Mathematics Education
Stuart Lee Cozort, Jr. ............................................................................................................... Morganton
Robert James Fleming, Jr. ........................................................................................................ Fuquay Springs
Cecil Frank Harrington ........................................................................................................... Winston-Salem
*John Chase Key ..................................................................................................................... South Charleston, West Va.
Gaynell Paul Logue ................................................................................................................ Charlotte
George Madison Mann, Jr. ........................................................................................................ Wilmington
Peter Louis Marchetti, Jr. ........................................................................................................ Richmond, Va.
*Johnny Stephen Martin .......................................................................................................... Lenoir
Robert Stanley Nemmers ......................................................................................................... Raleigh
Benny Morris Pearce ............................................................................................................... St. Pauls
John Luther Pitt ....................................................................................................................... Red Oak
Jan Ball Price ........................................................................................................................... Dudley
Donald Lee Provo ..................................................................................................................... Wilson
John Marvin Thigpen ................................................................................................................ Mount Olive
Michael Thomas Tillman ......................................................................................................... Roxboro
*Nancy Carole Wall ................................................................................................................. Durham
James Grant Wilson, Jr. ........................................................................................................... Newport News, Va.

Science Education
*Angela Yopp ............................................................................................................................ Snead’s Ferry

* Honors  ** High Honors
BACHELOR OF SCIENCE IN INDUSTRIAL ARTS

Marion Robert Groom ............................................................ Raleigh
Gary Graman Fleming .......................................................... Henderson
Ernest Pinkney Freeland, Jr. ................................................. Charlotte
John Courtney Hill .............................................................. Raleigh
Owen Daniel House ............................................................ Nashville
Michael David McCulley ....................................................... Cherry Point
James Philip McGwier ......................................................... Greensboro
James Riddick Marks .......................................................... Raleigh
Thomas Avery Nye, Jr. ............................................................ Orrum
Jerry Hamilton Patrick ......................................................... Raleigh
Ronald Frederick Price ........................................................ Greensboro
James Calvin Saunders ....................................................... Rockingham
**Charles Paul Stanley, Jr. .................................................. Williamson
Kermit Harold Stewart ......................................................... Lillington
John Wesley Utley .............................................................. Raleigh

BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION

Jerry Wayne Cordell ............................................................ Raleigh
Faye Frances Fakler ............................................................. Raleigh
Stacy Bernard Gillen ........................................................... Steubenville, Ohio
John Dennis Golden .......................................................... Philadelphia, Penna.
Thomas Blair Hines ............................................................ Raleigh
Ronald Jerome Krall ........................................................... Conway, Penna.
Bert Deems May ................................................................. Goldsboro
Frank Pius Nauss .............................................................. Raleigh
Jasper Glenn Owens ........................................................... Morganton
Peter Paul Starr ................................................................. Shenandoah, Penna.
Roy Colon Stephenson, Jr. ................................................... Raleigh

School of Engineering

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Paul Brittle Blount ............................................................. Franklinton
James Isaac Bruton ............................................................ Fremont
Larry Bryan Carawan .......................................................... Wilmington
Wayne Greer Case ............................................................. Mayodan
Burnell Parker Curtis, Jr. ..................................................... Wilmington
*John Wilbert Earnhardt, Jr. ............................................... Winston-Salem

* Honors  ** High Honors  † In Absentia
John Doane Ellenberg .............................................. Raleigh
Roger Alden Fleming .............................................. Bronx, N. Y.
Arthur Holmes Foland ............................................. Bluefield, West Va.
**David Edward Freas ............................................. Walnut Cove
Robert Eugene Furr .............................................. Locust
Gilbert McClung Gillespie, Jr. ..................................... Robbinsville
Richard Henry Hudson ............................................ Valdese
**Malcolm Robert Judkins ........................................ North Augusta, S. C.
Larry Slate McBride ............................................... Salisbury
David Jolley Ritchie .............................................. Concord
**Thomas Carl Ward ................................................ Raleigh
*Alan Stuart Weinberg ............................................. Greensboro
John Wesley Yonce ............................................... Richmond, Va.

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

*Marvin Coleman Beasley, Jr. ....................................... Gastonia
Billy Burke Best ...................................................... Stumpy Point
Lucius Cummings Bigelow .......................................... Durham
Marcus Spencer Bradley ........................................... Hubgood
Robert Earl Brittain ............................................... Boone
Jimmy Stephen Caddell ............................................. Sanford
Jerry Cagle Callcott ................................................ Asheboro
Charles Frank Chambers ........................................... Kannapolis
Grover Cecil Clark ................................................ Marshall
Louis Coleman, Jr. ..................................................... Wilmington
*Lew Gary Clontz ................................................... Hudson
Charles Thomas Cochrane ........................................ High Point
**William Moncier Cox ............................................. New Bern
Needham Clifford Crowe, Jr. ........................................ New Bern
Reynold Slade Davenport, Jr. ...................................... Jacksonville
Charles Steven Deal ................................................ Landis
Stewart Macon Ellington ......................................... Henderson
Edward William Ellis, Jr. ......................................... Henderson
*Glenn Elliott Futrell .............................................. Goldsboro
Kenneth Glen Gillis ................................................ Raleigh
Charles Lee Hamilton .............................................. Lexington
*Edwin Wilbur Hauser ............................................... Lewisville
Donald Ray Hinson ................................................ Goldsboro
Kenneth Paul Holt ................................................... Greensboro
Richard Franklin Hunter ........................................ Raleigh
David Gaut Johnston ................................................ Raleigh
James Benton Jones ................................................ Charlotte
Joseph Michael Lushene ........................................... Satellite Beach, Fla.
Allan Edwin McDuffie ............................................... Durham
Herbert Rooney Malcolm, Jr. ...................................... Rocky Mount
Murdock Henry Markham, Jr. ...................................... Raleigh
Robert Barry Melton ................................................ Lenoir
Donald Rives Morton ............................................... Greensboro
James Otha Murphy ................................................ Youngsville
John Franklin Pernar ............................................... Greensboro
Robert Harold Pohkotte ........................................... Raleigh
Jimmie Ray Pope ...................................................... Garner
*George Lindmiller Reed, III ...................................... Durham
Joe Lanier Riddick, Jr. .............................................. Scotland Neck

* Honors;  ** High Honors
Robert Parks Sadler, Jr. ............................................................ Charlotte
**Clay Edward Sams .............................................................. Franklin
Harold Landis Satterwhite, Jr. .............................................. McCaff
George Edward Setzer ......................................................... High Point
Henry Bascom Shore ........................................................... East Bend
Mickey David Tomlin ............................................................ High Point
Jasper Leroy Tripp, Jr. ......................................................... Raleigh
Leon Jackson Ward ............................................................... Goldsboro
Douglas Edward White ........................................................... Ahoskie
James Perry Whitfield, Jr. ..................................................... Durham
*Roy Douglas Williams .......................................................... West End
Joseph William Willis ......................................................... Belwood
Carey Franklin York ............................................................. Pinetops
**George Smedes York .......................................................... Raleigh
Avery Louis Yount ............................................................... Newton

BACHELOR OF SCIENCE IN CIVIL ENGINEERING, CONSTRUCTION OPTION

*John Rodman Andrew ......................................................... Washington
Lloyd Carlton Bost, Jr. ......................................................... Charlotte
James Scott Bowers ............................................................. Raleigh
Fred Lonnie Callahan, Jr. ....................................................... Forest City
William John Cameron ......................................................... Raleigh
Garland Forbes Chick ......................................................... Rocky Mount
Thomas Gatewood Coffey ..................................................... Raleigh
Steve Elaine Gentry ............................................................ Arden
Michael Alvin Goodman ..................................................... Salisbury
Robert Wallace Griffith, Jr. .................................................. Lexington
Guy Doan Griswold ............................................................. Coatesville, Penna.
Donald Dietrich Haigh ........................................................ Statesville
Tony Gene Idol ................................................................. Kernersville
**Charles Edward Jones, III ................................................ Lenoir
*Peter Moe Lehrer ............................................................. Long Beach, N. Y.
Robert Leo Leonard ............................................................ Lexington
Sherwood Paul Lucas .......................................................... Dunn
Allan Stoddart Meade ......................................................... Chapel Hill
Jesse Willard Myers, Jr. ........................................................ Greensboro
Billy Clyde Parker .............................................................. Candler
William Lauristone St. Clair .................................................. Barrington, Ill.
*Charles Nelson Sigmon ...................................................... Mooresville
James David Skidmore ......................................................... Burlington
Malcolm Edwin Sorrells ....................................................... Asheville
James Lee Stanch ............................................................... Charlotte
*John Hamilton Steele ........................................................ Lenoir
Richard Douglas Taylor ....................................................... Lenoir
Herman Lee Temple, Jr. ....................................................... Virginia Beach, Va.
William Walker Wilson ....................................................... Statesville

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Richard Warren Abbott ......................................................... Ellerbe
Robert Thompson Adams ................................................... Winston-Salem
Clarence Jerrel D Baker ....................................................... Waynesville

* Honors; ** High Honors
<table>
<thead>
<tr>
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<tr>
<td>Jeter Olive Barker, Jr.</td>
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<td>*Kenneth David Mozingo</td>
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<td>*Wayne Binford Roberts</td>
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<tr>
<td>Dennis Austin Rose, Jr.</td>
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* Honors; ** High Honors
† In Absentia
Percy Jennings Scearce, Jr. ........................................ Danville, Va.
James Matthew Sears ................................ ............ Goldsboro
James Harvey Sexton ........................................ Hendersonville
**Tommy Goode Sharpe ........................................ Statesville
David Michael Smith ........................................ Concord
David Ronald Steinberg ........................................ Atlanta, Ga.
*Stavros John Stephanakis ................................ Athens, Greece
*Richard Sidney Stroud ....................................... Ayden
John Daley Swank, II ........................................ Pittsburgh, Penna.
Donald Wayne Taylor ........................................ Fuquay Springs
Darrell Grimes Tetterson ................................... South Boston, Va.
John Allen Thomas ............................................ Leaksville
*Charles Benjamin Thompson, Jr. ........................ New Bern
James Briner Tollison, Jr. ................................... Asheboro
Robert Cecil Turner ......................................... Greensboro
Larry Irving Watson .......................................... Plymouth
Max Donald Watts ............................................. Morganton
Richard Allen Whitehouse ................................ Broad Brook, Conn.
*David Wayne Whitlow ....................................... High Point
George Washington Williams, III ......................... Lexington
Raymond Woodrow Williams, Jr. ........................ Kannapolis
Steven Scott Wiseman ........................................ Spruce Pine
Charles Mack Witherington ................................ Vanceboro
*William Perry Youngblood ................................ Huntersville

BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT

William Claude Davis ........................................ Asheville
William Alexander Thorn, III ............................ Morristown, Tenn.

BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING

James Michael Leatherwood ................................ Clyde
James Peter Oppenheim ....................................... Charlotte

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Michael Von Barnhill ......................................... Rocky Mount
Thomas Lawson Barringer ................................... Kannapolis
Malcolm James Campbell ................................... Laurinburg
Fred Roscoe Cook ............................................. Boone
William George Crawford, Jr. ............................ Goldsboro
Sherman Louis Criner ........................................ Winston-Salem
**William Marcus Deal ....................................... Lenoir
Johnny Lawrence Dunlap ................................... Burlington
Carlos Escallon Venegas ................................ Bogota, Colombia, S. A.
Irving Barry Goldman ....................................... Miami Beach, Fla.
Ronald Phillip Goldstein ................................ Asheville
Ralph Hodges Hackney ....................................... Washington
Ralph William Hart ............................................ Lansing
Eugene Richard Hughes, Jr. ................................ Raleigh
Paul Nolly Humphreys, Jr. ................................ Raleigh
Edward Lurey .................................................. Asheville
Robert Edward Lynch, Jr. ................................... LaGrange

* Honors;  ** High Honors
† In Absentia
<table>
<thead>
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<tr>
<td>Floyd Enlow McCall</td>
<td>Brevard</td>
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<tr>
<td>Michael Rhett Macomson, Jr.</td>
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<td>Lake Waccamaw</td>
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<td>Sanford</td>
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<td>John Louis Vaughan</td>
<td>Durham</td>
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<td>William Robert Watson</td>
<td>Red Springs</td>
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<tr>
<td>Winfred Graham Wilson</td>
<td>Burlington</td>
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**BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING**

<table>
<thead>
<tr>
<th>Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>William Mock Alexander</td>
<td>Huntersville</td>
</tr>
<tr>
<td>Bruce Bozarth Allen, Jr.</td>
<td>Charlotte</td>
</tr>
<tr>
<td>*Larry Ross Allen</td>
<td>Charlotte</td>
</tr>
<tr>
<td>Paul Alderman Anderson, Jr.</td>
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**BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING, AERONAUTICAL OPTION**

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* Honors;  ** High Honors

† In Absentia
BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

Perlie Gene Ashley ..................................................... Edenton
*William Arthur Brantley ........................................ Raleigh
Brian Belk Helms ...................................................... Greensboro
Jimmie William Mann ............................................... Waynesville
*Louis Albert Rader ................................................ Darien, Conn.
*Charles Monroe Thompson ........................................ Black Mountain
Cheung-Kee Wong ...................................................... Hong Kong

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Kenneth Sink Canady ................................................ High Point
Charles Oscar Cox .................................................... Greenville
*Ronald Jerome Goldstein ......................................... Mooresville
*Robert Leslie Mayton, Jr. .......................................... Raleigh
James Kirven Morrow ............................................... Washington
*Terry Nelson Phillips ................................................ Winston-Salem
**Michael Reid Stepp ............................................... Canton
*Max Forest Thompson, Jr. ........................................ Aurora
Kenneth Richard Thoms ............................................ Pearl River, N. Y.
James Wilson Wagoner, II ......................................... Reidsville
Bruce Martin Wheaton .............................................. Burlington
William Clyde Windley, Jr. ........................................ Williamston
*Milton Delano Wright ............................................... Shelby

School of Forestry

BACHELOR OF SCIENCE IN FOREST MANAGEMENT

*Alan John Aitken .................................................... Bovina Center, N. Y.
*George William Baldwin ........................................... Vass

* Honors; ** High Honors
Gerald Blake Ballard .................................................. Asheville
**Harold Chris Blanchard ........................................... Whiteville
Warren Giles Boyette .................................................. Clayton, Va.
Loyd Bradshaw, Jr. .................................................... Franklin, Va.
James Roscoe Burden .................................................. Aulander
Robert Holmes Burke .................................................. Montclair, N. J.
Donald Pruet Calhoun .................................................. Waynesville
Bobby Joe Conner ....................................................... Wilmington
Edward More Coville ................................................... Atkinson
Lawrence Campbell Cross .......................................... Apex
Jason Haynes Dunshee .................................................. Pantego
James Chandler Eakes, Jr. .......................................... Sanford
Burton Rubush Floyd, Jr. .......................................... Buena Vista, Va.
*Edward Carlyle Franklin ........................................... Richmond, Va.
Joseph Decatur Gardner ............................................ Holland, Va.
Robert Larry Greene .................................................. Marion
**Daniel Lester Holley, Jr. .......................................... Darlington, S. C.
†Lynn Keith Jackson .................................................. Sardis, Ohio
Clyde Allison Lawton, III .......................................... Louisville, Ky.
Capson Odes Leonhardt ............................................. Morganton
*James Edward McElroy .............................................. Roanoke Rapids
Henry Lee Manning, Jr. .............................................. Middlesex
Samuel Gerald Mauk .................................................. Morehead, Ky.
James Festus Page .................................................... Black Mountain
Robert Elwood Roycroft ............................................ Wilmington
Charles Roy Rozier .................................................... Lumberton
Carl William Rust ..................................................... Charlotte
**Reese Sherrod Scull ................................................ Valdese
George Edward Smith ................................................ Clayton
*Michael David Srago ................................................ Newburgh, N. Y.
Benjamin Carrol Stansel ............................................ Lumberton
Lawson Wright Starnes .............................................. Worthington, Ohio
Joseph Eugene Thomas .............................................. New Bern
William Dorsey Williams, Jr. ...................................... Lilesville

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Prem Mohan Agarwala .................................................. Lauriya, India
William Michael Amick .............................................. Pine Bluff, Ark.
*Elwood Vance Best ................................................... Turkey
Francis Bradley Biggar .............................................. Monroe, La.
Ronald Lee Blevins .................................................... Bristol, Tenn.
John Robert Boughan .................................................. West Point, Va.
Thomas Wayne Brown .................................................. Statesville
Victor Gerald Dowless ................................................ Elizabethtown
**Charles Everett Dunning .......................................... Rich Square
†*Augustus Benjamin Groce, Jr. .................................. Nashville, Tenn.
Barre Ryan Mitchell .................................................. Wilmington
John Laughridge Moore ............................................. Waynesville
*Garnett Despard Quesinberry, Jr. ................................ Floyd, Va.
Gerald Wayne Robertson ............................................ Williamston
Alford Lee Smith ..................................................... Warsaw
William Howard Tickel, Jr. ........................................ Roanoke Rapids
Ray Bain Wheeler ..................................................... Canton

* Honors:    ** High Honors

† In Absentia
Raymond Russell Uptegrove .......................... Georgetown, S. C.
James Varnado Williams, Jr. .......................... Mobile, Ala.
Charles Davis Wintzer .............................. Morganton

BACHELOR OF SCIENCE IN WOOD TECHNOLOGY
Jack Pritchett Jordan .............................. Mount Gilead
John Louis Scheld ........................... Statesville

School of General Studies

BACHELOR OF SCIENCE
Joseph Henry Kroeger .......................... Raleigh
Helen Jackson Wigg ........................ Wilmington

School of Physical Sciences
and Applied Mathematics

BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

**Harvey Thomas Banks .......................... Newton
Barry Bennett Cooper .......................... Fayetteville
William Jacob Craft .......................... Rutherfordton
David Edmund Cribbin .......................... Greensboro
Jerry Mallory Davis .......................... Greensboro
Marvin Kay Dorman, Jr. .......................... Pembroke
**Willard Lee Garrison .......................... Pfafftown
Thomas Emmett Goswick .......................... Durham

** High Honors
*William Scott Guion .................................................. Charlotte
Jackson Owen Hinson, Jr. .................................. Greensboro
James Allison Hubbard ....................................... Hope Mills
Marion Dixon Huggins, Jr. ...................................... Durham
*James Lewis Klingerman, Jr. .................................. Jeddo, Penna.
*Vello Alexander Kuuskraa ................................... Cherryville
Michael David Lea ..................................................... High Point
Peter Ashley Lesslie ................................................. Mount Holly
Lewis Henry Nelson, III ........................................ Rome, N. Y.
George Dennis Pipkin .............................................. Murfreesboro
Samuel Knight Powell .......................................... Charlotte
James Allen Proctor .................................................. Vale
*Gary Douglas Richardson .................................... Siler City
William Hugh Roberson, Jr. .................................. Robersonville
*Richard Hyman Shachtman ................................ Winter Park, Fla.
Pomery Sinnamon, III .......................................... New Castle, Ind.
Frank Stacy Smith, III .............................................. Asheville
*Robert Demarest Soden ......................................... Raleigh
*William McKay Spence ........................................... Concord
John Charles Thomas ............................................... Thomasville
*James Miller Whisnant ........................................... Lenoir
Thomas Michael White ............................................. Mooresville
Ellis Eldward Whitt ............................................... Trinity
Bryan Lee Williams .................................................. Rocky Mount
Stanley Hampton Wilson ........................................ Greensboro
*Allen Carl Wiser .................................................. Cary

BACHELOR OF SCIENCE IN CHEMISTRY

Rosemary Edna Antel ................................................. Raleigh
Jerry Lee Bennett .......................................................... Kernersville
Horace Glenn Corbett .............................................. Fountain
William Thompson Overton ....................................... Oxford

BACHELOR OF SCIENCE IN EXPERIMENTAL STATISTICS

James Ralph Batts ................................................... Hertford
Walton Carlyle Gregory II ..................................... Raleigh
*George Stephen Hutchins ........................................ Sanford
Don Newton Mitchell ................................................ Durham
John Frederick Schultheis ....................................... Raleigh
Thomas Harold Williams, Jr. .................................... Raleigh

BACHELOR OF SCIENCE IN PHYSICS

Willard Harold Barbee, Jr. ......................................... Raleigh
Clyde Capehart Cobb, Jr. .......................................... Edenton
*James Lester Cox, Jr. ............................................... Reidsville
William Jacob Craft ................................................ Rutherfordton
John Scoggin Crutchfield ........................................ Reidsville
*Roger Atwood Faulkner, Jr. ..................................... Asheville
Edward Gerald Fincher ............................................ Charlotte
Richard McConnell Freeman .................................... Charlotte
Ray Wayne Garrett .................................................. Moyock
*Benjamin Tyson Gravely .......................................... Charlotte
*Leland Moore Hairr ................................................ Goldsboro

* Honors;  ** High Honors
School of Textiles

BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

Alain Audet ........................................ Montreal, Canada
Albert Ho-Yin Chang .......................... Kowloon, Hong Kong
Harry Oscar DeLoach .......................... Asheville
Carlos Eduardo Eichenwald .................. Cali, Colombia
Donald Ervin Franklin ........................ Valdese
Jerry Lee Hutchens ............................. Yadkinville
Jagmohan Gordhandas Jhaveri ............... Bombay, India
Robert Edward May .............................. Kinston
Phillip Thomas Nurdan ....................... Benson
Necati Ozgur ....................................... Nazilli, Turkey
Kaye Frances Perryman ....................... Lexington
Edward Sandidge Roberts ..................... Amherst, Va.
Darryl Lane Shaver ................................ Charlotte
Jerry Emanuel Snider ........................... Lexington
John Robert Wiggins ............................ Cary
Joel Lindsay Younts ............................ Lexington

BACHELOR OF SCIENCE IN TEXTILE TECHNOLOGY

Albert Allen Alabaster ........................................ Duun
Dewey William Berry, Jr. ....................... Hickory
Larry Joe Burleson ................................ Albemarle

* Honors; ** High Honors
Professional Degrees

Civil Engineer, Transportation Option

‡Arthur Roberts Dunlop, Jr. ............................................ West Chester, Penna.
Lee Ellis King .......................................................... Charlotte
Edgar Ralph Shuler, Jr. ................................................. Fayetteville
James Russell Zook ..................................................... Lenoir

* Honors; ** High Honors

‡ In Absentia
Electrical Engineer
Geoffroy Robert deBeaucorps .................................................. Paris, France
Erving Ove Kruse ................................................................. Oslo, Norway

Metallurgical Engineer
Phillip Marshall Bunting ....................................................... Greensboro

Master's Degrees

MASTER OF APPLIED MATHEMATICS
Charlie Harrison Cooke ......................................................... Lawndale
‡Joseph Spottswood Crowell ................................................... Enka
George Marvin Eargle .......................................................... Greensboro
Richard Vernon Fuller ......................................................... Charlotte
Peter Murray Gibson .......................................................... Laurel Hill
Charles Van Buren Peele ....................................................... Goldsboro

MASTER OF EDUCATION
Agricultural Education
Robert Lewis Dunigan ......................................................... Burgaw

Occupational Information and Guidance
Robert Louis Brown .............................................................. Wake Forest
Horace Stanfield High ......................................................... Rocky Mount

MASTER OF ELECTRICAL ENGINEERING
Frederick David Blum ......................................................... Norfolk, Va.
Raymond Lee Christian, Jr. ................................................... St. Petersburg, Fla.
Maurice Leroy Copeland ...................................................... Graham
William Anderson Hambright, Jr. ........................................... Graham
Richard Singer Latimer ....................................................... Kingsport, Tenn.
John Henry Turner, Jr. ......................................................... Burlington

MASTER OF EXPERIMENTAL STATISTICS
Kwanchai Assakul .............................................................. Bangkok, Thailand
Marvin McHenry Everett, Jr. .................................................. Robersonville
‡Merrill Reinhold Swanson .................................................... Belvidere, Ill.
James Ray White ............................................................... Knoxville, Tenn.

‡ In Absentia
MASTER OF FORESTRY
Juan Efrain Munoz-Cortes .......................... Aguadilla, Puerto Rico

MASTER OF WOOD TECHNOLOGY
†Lilia Gonzales Abis ................................... Iloilo, Philippines
Felix Santamaria-Garcia ............................. Madrid, Spain

MASTER OF TEXTILE TECHNOLOGY
Preston Calhoun Opt ................................. Anderson, S. C.

MASTER OF SCIENCE
Agricultural Economics
Wallace Kenneth Boutwell, Jr. ........................ Newton, Miss.
Joseph Daniel Coffey ................................. Martinsville, Ind.
Warren Eugene Johnston .............................. Winters, Calif.

Animal Science
†Cecil Charlie Brooks ................................. Sparta
Peter Frederick Heinstein ........................... Baden-Baden, Germany
Donald O'Quinn Morgan .............................. Raleigh

Chemical Engineering
†Charles LeRoy Sanderson .......................... Louisville, Ky.

Civil Engineering
John Barr Shuler ...................................... Raleigh
Larry Baxter Smith ................................. Marshville

Crop Science
†Nemesio Arturo Rojo ............................... Salta, Argentina

Electrical Engineering
John Welch Adams ................................. Atlanta, Ga.
James Reid Hahn, Jr. ................................ Miami, Fla.
Joseph Marvin Hunt, III ............................ Burlington
William Steve Pesto ............................... Birmingham, Ala.
Albert Hunter Spinks ................................ Rosedale, Miss.
Eugene Joseph Theriot ............................... Greensboro
Francis Wilton Woodside ............................ Burlington

Engineering Mechanics
James Uriah Crowder, Jr. ........................... Asheville

Food Science
Richard Ammon Cowman ............................ Brainerd, Minn.

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<tr>
<td>Robert Douglas Lumsden</td>
<td>Falls Church, Va.</td>
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<td>Daniel Morris Porter</td>
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<th>Rural Sociology</th>
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<td>William Carter Smith</td>
<td>Raleigh</td>
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<th>Soil Science</th>
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<td>Nicholas Berenyi</td>
<td>Raleigh</td>
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<td>‡Jose Gilardo Marin-Morales</td>
<td>Chinchina, Colombia, S. A.</td>
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<td>Robert Preston Patterson</td>
<td>Hickory</td>
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<tr>
<td>Ashvin Jayantilal Chudgar</td>
<td>Ahmedabad, Gujarat, India</td>
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<td>Magdi Mrouad El-Aref</td>
<td>Sohag, Egypt</td>
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‡ In Absentia
Doctor of Philosophy Degrees

Soo Young Choi, Chemical Engineering
Dissertation: An In Situ Activation Tracer Technique

Abraham Sion David, Agricultural Economics
Dissertation: An Exploratory Study of Decision Making, Coordination and Control in a Vertically Integrated Broiler Firm

Philip Duskin Dukes, Plant Pathology
Dissertation: Inoculum Potential of Phytophthora parasitica var. nicotianae as Influenced by Certain Soil Factors

Frederick Everard Malcolm Gillham, Genetics
Dissertation: The Response of Bollworm, Heliothis zea (Boddie), to certain Genotypes of Upland Cotton

John Valentine Hamme, Mineral Industries
Dissertation: Phase Relationships in the Uranium-Carbon-Oxygen System

James William Hendrix, Plant Pathology
Dissertation: Lipid Nutrition of Phytophthora parasitica var. nicotianae

Gerald Howard Katzin, Physics
Dissertation: Implicit and Formal Uses of a Flat Metric in General Relativity

Peter James Kendell, Experimental Statistics
Dissertation: Estimation of the Mean Life of the Exponential Distribution from Grouped Data when the Sample is Censored—with Application to Life-Testing

William Joseph Lanham, Agricultural Economics
Dissertation: Area Resource Adjustments for Specified Net Revenue Goals and Levels of Factor Prices on Farms in Economic Area 7, North Carolina

Seung Gyu Moon, Rural Sociology
Dissertation: A Study of Factors in the Adjustment of Rural Families in Low-Income Areas

Gene Namkoong, Genetics
Dissertation: Comparative Analyses of Introgression in Two Pine Species

Harry Ashton Owen, Jr., Electrical Engineering
Dissertation: Analytical and Experimental Studies of the Persistatron Switch

In Absentia
Dissertation: Floral Pigmentation Studies in the Genus Gossypium
†Ruth Melba Portman, Experimental Statistics

Dissertation: Estimation of Time, Age and Cohort Effects
William Daniel Stanley, Electrical Engineering

Dissertation: Time Domain Synthesis of RC Delay Networks
Joe Jackson Stewart, Nuclear Engineering

Dissertation: Solutions of the Gamma-ray Transport Equation Using Tscheby-
 scheff Polynomial Expansions and the Moments Method
William Lee Tucker, Animal Science

Dissertation: Effective Use of Herdmates in Dairy Sire Evaluation
†Marcos Revilleza Vega, Crop Science

Dissertation: The Influence of Phosphate on the Phytotoxicity of 3-Amino-1, 2, 4-
 Triazole
†Myron Hwai-Hsi Yang, Nuclear Engineering

Dissertation: Double-\(P\_\mu\) Solutions to the Gamma-Ray Transport Equation by
by the Moments Method
Amador D'Bayan Yniguez, Experimental Statistics

Dissertation: Some Estimation Problems of a Nonlinear Supply Model Implied
by a Minimax Decision Rule

† In Absentia
DEGREES CONFERRED

July 19, 1962
August 24, 1962
January 25, 1963

School of Agriculture

BACHELOR OF SCIENCE IN AGRICULTURAL ENGINEERING
Jointly Administered by Schools of Agriculture and Engineering

*Allen Joseph Barwick (July, 1962) ........................................... Grifton
Fred Gary Ricks, Jr. (July, 1962) ........................................... Conway
Winfred Lee Williams, Jr. (January 1963) ................................ Marshville

BACHELOR OF SCIENCE

Agricultural Economics
Arch Darden Bynum (August, 1962) ........................................... Stantonburg
Donn Wealon Casper (January, 1963) ........................................ Raleigh
Robert Franklin Weston (August, 1962) .................................... Williamson
David Francis Worsley (January, 1963) ..................................... Oak City

Agricultural Engineering
Elliott Burton Barnes, Jr. (August, 1962) .................................... Corapeake
Juan Jose del-Carmen (August, 1962) ....................................... Guatemala, Guatemala, C. A.
Benjamin Maynard Coston (July, 1962) ..................................... Hubert
Robert William Jones (July, 1962) .......................................... Asheville
Lewis Marshall Williamson (July, 1962) .................................... Chadbourn

Animal Science
Carl Eugene Montgomery (January, 1963) ................................ Semora
James Avery Morris (January, 1963) ......................................... Columbia
John Hilton Parker (July, 1962) .............................................. Hollister
Admiral Dewey Sauls (January, 1963) ....................................... Garner
John Greenville Stone (August, 1962) ..................................... Greensboro

* Honors
William Andrew Tadlock, III (January, 1963) .................................. Windsor
William Strother Walden (August, 1962) .................................. Taylorsville

Crop Science
Marion Carroll Griffin (August, 1962) .................................. Robersonville

Horticultural Science
James Henry Cline, Jr. (January, 1963) .................................. Bryson City

Poultry Science
Tracy Lee Holder (January, 1963) .................................. Elkin
Windell Lee Talley (January, 1963) .................................. Stanfield

Rural Sociology
Paul Marcus Noll (January, 1963) .................................. Durham
Dewey Franklin Taylor (January, 1963) .................................. Pine Level
Willis Ashley West (January, 1963) .................................. Aberdeen
John Wesley Williams, III (January, 1963) .................................. Weldon

Soil Science
Vernon Lee Strickland (July, 1962) .................................. Oxford

Zoology
James Edward Arey (July, 1962) .................................. Salisbury
Thomas Edward Crowell (August, 1962) .................................. Charlotte
Bruce Lloyd Freeman (January, 1963) .................................. North Plainfield, N. J.
Allan Dupree Griggs, II (July, 1962) .................................. Wadesboro
Ervin Winfield McIntosh (January, 1963) .................................. New Bern
William Grace McNinch, Jr. (January, 1963) .................................. Charlotte
*Gary Lionell Mangum (January, 1963) .................................. Monroe
Rufus Donald Overby (January, 1963) .................................. Moncure
John Daniel Rudder* (January, 1963) .................................. Burlington

School of Education

BACHELOR OF SCIENCE IN EDUCATION

Agricultural Education
**Thurman Everett Burnette (January, 1963) .................................. Oxford
William Earl Ferrell (January, 1963) .................................. Wilson
Joe Ecil Griffin, Jr. (January, 1963) .................................. Fairmont
Jake Rowe Redmond (January, 1963) .................................. Waynesville
George Colon Stewart (January, 1963) .................................. Mamers
Nurham Osbie Warwick (January, 1963) .................................. Clinton

* Honors; ** High Honors

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<td>Ronnie Ellsworth Calhoun (January, 1963) .......... Gastonia</td>
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<td>Charles Maxwell Deadmon (January, 1963) .......... Mocksviile</td>
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<td>David Michael Fowler (January, 1965) .......... Greensboro</td>
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<td>Billy Franklin Gaffney (January, 1963) .......... Cranmeront</td>
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<td>Frederick Jennings Gillespie (January, 1963) .......... Greensboro</td>
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<td>Dale Hiram Strawn (January, 1963) .......... Charlotte</td>
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<td>Richard Wayne Bullock (January, 1963) .......... Zebulon</td>
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<td>Edward Neil Bradshaw (January, 1963) .......... Raleigh</td>
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<td>Joseph Hugh Callicutt (January, 1963) .......... Asheboro</td>
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<td>John Boyce Cargill (July, 1962) .......... Cliffsides</td>
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<td>Vance Hilton Cordell, Jr. (January, 1963) .......... Charlotte</td>
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<td>James David Dixon (July, 1962) .......... Raleigh</td>
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<td>Milton Coleman Dixon (January, 1963) .......... Raleigh</td>
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<td>Victor Mattison Floyd (August, 1962) .......... Fair Bluff</td>
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<td>Garland Kermitt Hilliard, Jr. (January, 1963) .......... Raleigh</td>
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<td>Henry Dillard Hinson (January, 1963) .......... Rocky Mount</td>
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<td>John Hall Lambert (January, 1963) .......... Brevard</td>
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<td>Ervin Randolph Millwood (January, 1963) .......... Durham</td>
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<td>Vinson Aster Sechrest (July, 1962) .......... Statesville</td>
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<td>Robert Glenn Tice, Jr. (January, 1963) .......... Wadesboro</td>
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<td>Richard Lyon Tucker (January, 1963) .......... Greensboro</td>
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<td>Edgar Evans Wright, Jr. (August, 1962) .......... Gastonia</td>
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<td>James Thomas Smith (July, 1962) .......... Kings Mountain</td>
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<td>George Lyles Thomason (July, 1962) .......... Raleigh</td>
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<td>Marvin Glenn Klutz (August, 1962) .......... Hickory</td>
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<td>Robert James Anthony (January, 1963) .......... Steubenville, Ohio</td>
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<td>William Thomas Biggerstaff (August, 1962) .......... Shelby</td>
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<td>Neil Henry Clark, Jr. (January, 1963) .......... Chapel Hill</td>
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<td>Paul Frederick Jaeger (January, 1963) .......... Reading, Penna.</td>
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<td>Tapley Orman Johnson, Jr. (January 1963) .......... Wake Forest</td>
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<td>Zobie Rice Morris (January, 1963) .......... Ahoskie</td>
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<td>Terrance Graham Odom (January, 1963) .......... Raleigh</td>
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<td>Younger Fletcher Snead, Jr. (January, 1963) .......... Raeford</td>
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* Honors
John Robert Thompson (January, 1963) Raleigh
Robert Neilson Weatherly (January, 1963) Hamlet

BACHELOR OF SCIENCE IN SCIENCE EDUCATION
Forrest Ronald Ross (August, 1962) Marion

School of Engineering

BACHELOR OF SCIENCE IN CERAMIC ENGINEERING
George Cleveland Mitchell, III (August, 1962) Dunn

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING
Robert Paul Barbee (January, 1963) Oakboro
Halit Zafer Dokuzoguz (January, 1963) Ankara, Turkey
Blair Campbel Ellis (January, 1963) Raleigh
James Justice McCree (January, 1963) Holly Ridge
*Ronald Owen Pennslye (January, 1963) Winston-Salem
Harold David Stroupe (August, 1962) Gastonia
Charles Edward Wilhalf, III (August, 1962) Rocky Mount

BACHELOR OF SCIENCE IN CIVIL ENGINEERING
Billy Joe Batchelor (July, 1962) Morrisville
Paul Henry Daniels (July, 1962) New Bern
Jack Alberto Grimberg-Possin (July, 1962) Bogota, Colombia
Donald Crawford Kennedy (January, 1963) New Bern
Lawrence Glenn McDougall (January, 1963) Spindale
Edice Carlton Melvin, Jr. (August, 1962) Raleigh
Thomas Wiley O’Bryant (August, 1962) Reidsville
Duane Richard Smith (January, 1963) Elmira, N. Y.
William Frederick Stokes (January, 1963) Greenville
Jimmie Boyden Thomas (July, 1962) Salisbury
Frank Wayne Wagoner (July, 1962) Elon College
James Waller (July, 1962) Maple Hill
Edward Lafayette Woods (August, 1962) Charlotte
*Gary Franklin Workman (January, 1963) High Point

* Honors
**BACHELOR OF SCIENCE IN CIVIL ENGINEERING, CONSTRUCTION OPTION**

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<tr>
<th>Name</th>
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<td>Gaither Glenn Grigg, Jr.</td>
<td>(January, 1963)</td>
<td>Kings Mountain</td>
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<td>John Edgar Starnes</td>
<td>(August, 1962)</td>
<td>Raleigh</td>
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<tr>
<td>James David Summers, Jr.</td>
<td>(July, 1962)</td>
<td>Greensboro</td>
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**BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING**

*Richard Tobias Baer* (January, 1963) Toms River, N. J.  
*John Samuel Bell, Jr.* (January, 1963) Charlotte  
*William Maurice Bell, III* (August, 1962) Charlotte  
*Ralph Charles Bowden* (July, 1962) Wading River, N. Y.  
*Marcel Louis Duplat* (January, 1963) Tourcoing, France  
*Daniel Stephen Garriss* (August, 1962) Lillington  
*Olin S. Giles, Jr.* (July, 1962) Charlotte  
*Fereydoun Jalali* (January, 1963) Teheran, Iran  
*Jack McPhail Kirby* (January, 1963) Canton  
*Erling Ove Kruse* (August, 1962) Oslo, Norway  
*Jerry Alan Pope* (January, 1963) Dunn  
*Marion Odell Rhue* (August, 1962) Swansboro  
*Charles Holman Smith* (July, 1962) Greensboro  
*John Boyce Styron* (January, 1963) Stacey

**BACHELOR OF SCIENCE IN ENGINEERING PHYSICS**

James Cashetta (July, 1962) Brooklyn, N. Y.

**BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT**

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<th>Name</th>
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<td>James William Clontz</td>
<td>(January, 1963)</td>
<td>Lenoir</td>
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<td>Charles Sidney Heilig, Jr.</td>
<td>(August, 1962)</td>
<td>Salisbury</td>
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<td>Jerry Lee Hodges</td>
<td>(January, 1963)</td>
<td>Lexington</td>
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<td>Frederic George Wieland, III</td>
<td>(January, 1963)</td>
<td>Statesville</td>
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<td>Luther Erwin Williams</td>
<td>(January, 1963)</td>
<td>Valdese</td>
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**BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING**

Charles Richard Reid (January, 1963) Charlotte

**BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING**

Hernando Casas (July, 1962) Bogota, Colombia  
George Heyward Dunlap, Jr. (January, 1963) Raleigh  
Alton Terrell Harris (January, 1963) Laurinburg  
George W. Harrison, Jr. (July, 1962) Henderson  
*Amos Calvin Harvey* (January, 1963) Wilmington, Ill.  
Ergin Uskup (January, 1963) Istanbul, Turkey

**BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING**

Andrew Albert Adams (August, 1962) Charlotte  
Frank Minges Cothran (July, 1962) Salisbury  
Richard Salisbury Fowler (January, 1963) Durham

*Honors*
George Lance Gillespie (January, 1963)  Sylva
Jolan Bunyan Green (July, 1962)  Midland
Hossein Gholi Hoomani (August, 1962)  Teheran, Iran
Jerry Lewis Humble (July, 1962)  Jamestown
James Edward Ingram (August, 1962)  Kernersville
Fred Arnold Jenkins (August, 1962)  Charlotte
Maurice Daniel McIntosh (July, 1962)  Charlotte
William Ernest Moore (August, 1962)  Acme
Robert Harris Petty (January, 1963)  Moncure
Samuel Fintz Savariego (January, 1963)  Dallas, Texas
John Benjamin Shore (January, 1963)  Winston-Salem
Charles Douglas Simpson (July, 1962)  Charlotte
Gerald Anderson Stein (July, 1962)  Rocky Mount
**Robert Carlton Steljes (July, 1962)  Wilmington
David Walter Thomas, Jr. (August, 1962)  Asheville
David Patrick Whitesides (July, 1962)  Gastonia
Robert Brooks Wicker, III (August, 1962)  Sanford

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING, AERONAUTICAL OPTION

**Jerry Michael Allen (July, 1962)  Forest City
William Watkins Buchanan (July, 1962)  Roxboro
Walter Lee Gilbert, Jr. (July, 1962)  Forest City
Lynn Ernest Henshaw (August, 1962)  Waynesville
Jackie Burris Johnson (January, 1963)  Draper
Godwin Cotton Rogerson (July, 1962)  Ahoskie

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

Richard Hunt Burgess (January, 1963)  Euclid, Ohio
Devendra Nath (July, 1962)  Cuttack, India
Jack Preston Overman (July, 1962)  Edenton
Joseph Richard Sagmuller (July, 1962)  Raleigh
Julius Augustus Shanklin, Jr. (July, 1962)  Raleigh
Francis Beasley Taylor (January, 1963)  Kinston

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

William Henry Hulbert (January, 1963)  Sanford
James Thomas Lowder (July, 1962)  Fayetteville
Henry Van Miller (July, 1962)  Winston-Salem
Joseph Irvin Mills, Jr. (January, 1963)  Mooresville
Roger Alan Morrison (August, 1962)  Charlotte

** High Honors
School of Forestry

BACHELOR OF SCIENCE IN FOREST MANAGEMENT

Roy Osborne Brogden, Jr. (January, 1963) Garner
James Theron Byrd, Jr. (July, 1962) Raleigh
James Daniel Caldwell (January, 1963) Clyde
James Lawson Chandler, Jr. (January, 1963) Ruffin
Buddy Wiley Connor (August, 1962) Kings Mountain
James Roy Covington (January, 1963) Lumberton
William Hoover Goodman (January, 1963) Raleigh
Coke Alexander Hayes, Jr. (January, 1963) Ahoskie
Joseph Tharpe Johnston (January, 1963) Littleton
Peter David Leavitt (July, 1962) Corinth, Miss.
Richard Bernard Lingman (January, 1963) New Bern
Edgar LeRoy Little, Jr. (January, 1963) Durham
*Thomas Miller (August, 1962) Asheville
*James Sherwin Odum (January, 1963) Swansboro
James Arthur Robbins (August, 1962) Supply
Arthur Whitt Stallings (January, 1963) Raleigh
Donald Henry Weiller (January, 1963) Raleigh

**BACHELOR OF SCIENCE IN PULP AND PAPER TECHNOLOGY

Carl Fred Mills (July, 1962) Chinquapin

* Honors; ** High Honors
School of Physical Sciences and Applied Mathematics

**BACHELOR OF SCIENCE IN APPLIED MATHEMATICS**

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<tr>
<th>Name</th>
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<tr>
<td>Evelyn DeClark Blankfard</td>
<td>August, 1962</td>
<td>Beulaville</td>
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<td>Dianne Massey Diangelo</td>
<td>August, 1962</td>
<td>Tarboro</td>
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<td>Joseph Sheridan Graybeal</td>
<td>January, 1963</td>
<td>Creston</td>
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<td>James Charles Harrelson</td>
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<td>Asheboro</td>
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<td><strong>James Calvin Hooks</strong></td>
<td>August, 1962</td>
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<td><strong>Clinton Leroy Jeffries</strong></td>
<td>July, 1962</td>
<td>Raleigh</td>
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<td>James David Lore</td>
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<td>Wendell Allen Malpass</td>
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<td>Alvin Sutton Metts</td>
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<td>Trenton</td>
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<td>Reid Barnes Patterson</td>
<td>August, 1962</td>
<td>Salisbury</td>
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<td><strong>John Rutledge Rainey</strong></td>
<td>August, 1962</td>
<td>Kannapolis</td>
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<td>William Neal Reynolds, II</td>
<td>January, 1963</td>
<td>Winston-Salem</td>
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<td><strong>Stephen Warner Sherman</strong></td>
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<td><strong>Larry Eugene Spangler</strong></td>
<td>July, 1962</td>
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<td>John Edgar Upchurch</td>
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<td>Thomas Phillips Vann</td>
<td>January, 1963</td>
<td>Southern Pines</td>
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<td><strong>Robert Edward Williams, Jr.</strong></td>
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<td>Clinton</td>
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**BACHELOR OF SCIENCE IN CHEMISTRY**

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<th>Name</th>
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<td>Carl Newton Bean, Jr.</td>
<td>July, 1962</td>
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<td>Charles Walker</td>
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<td>Mount Olive</td>
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**BACHELOR OF SCIENCE IN PHYSICS**

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<td>January, 1963</td>
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<td><strong>David Wood Swain</strong></td>
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* Honors; ** High Honors
School of Textiles

BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY
* Roberta Marie Tremain (January, 1963) ........................................... Hespeler, Ontario, Canada

BACHELOR OF SCIENCE IN TEXTILE TECHNOLOGY
Benjamin Creech Arthur (August, 1962) ................................................... La Grange
Ronald Stephen Bard (January, 1963) ..................................................... Asheville
Ping-Ching Chao (July, 1962) ................................................................ Taiwan, China
Charles Algernon Davis, Jr. (August, 1962) ............................................... Draper
James Ashton Dunn (August, 1962) .......................................................... Effland
Wayne Wright Edwards (January, 1963) ................................................... Red Springs
Phillip Ray Graham (July, 1962) ............................................................... Yadkinville
James Lanier Griffin, III (January, 1963) ................................................. Greenville, S. C.
Alfred Garland Grizzard, Jr. (July, 1962) .................................................. Scotland Neck
** Harold Richard Hunnicutt, Jr. (January, 1963) ...................................... Kings Mountain
Charles Richmond Ingold (August, 1962) ............................................... Winston-Salem
Safei-Eldin Abbass El-Kharadly (August, 1962) ....................................... Alexandria, Egypt
Forrest K. McIntosh (August, 1962) .......................................................... Mount Holly
John Austin Manning, Jr. (January, 1963) .................................................. Raleigh
Necati Ozgur (January, 1963) ................................................................. Nazilli, Turkey
James Russell Putnam (August, 1962) ....................................................... Cobleskill, N. Y.
William Thomas Short (January, 1963) ................................................... Henderson
Jerry Lee Setzer (August, 1962) ................................................................. Mooresville
Robert Lee Stallings (January, 1963) ........................................................ Gibsonville
Donald Michael Studley (January, 1963) .................................................. Woodmere, N. Y.
Kenneth Walter Suessmann (August, 1962) ......................................... Massapequa Park, N. Y.

Professional Degrees

Civil Engineer, Transportation Option
Boyd Curtis Steed, Jr. (January, 1963) ...................................................... Atlanta, Ga.

Electrical Engineer
Myron Keith Cox (January, 1963) ............................................................ Akron, Ohio

* Honors; ** High Honors
Master's Degrees

MASTER OF AGRICULTURAL EDUCATION
Robert Bruce Whitely (July, 1962) ........................................ Lenoir

MASTER OF AGRICULTURE
Creighton Lee Gupton (January, 1963) .................................. Castalia
Cleveland Allen Partin (January, 1963) .................................... Siler City

MASTER OF EXPERIMENTAL STATISTICS
Thomas Peter Bogyo (January, 1963) ...................................... Pullman, Wash.
Pedro Raul Onoro-Cerra (January, 1963) ................................ Baranoa, Colombia
Abdus Samad (July 1962) .................................................. Dacca, East Pakistan

MASTER OF FORESTRY
Michael Glen Timko (January, 1963) ...................................... Harrington, Del.
Martin Torrico Torrico (January, 1963) .................................. Cordoba, Spain

MASTER OF INDUSTRIAL ARTS
Maynard Francis Adams (July, 1962) ..................................... Raleigh
Gene Holton Anthony (July, 1962) ........................................ Knightdale
Frank Alderman Crawford (August, 1962) ............................ Raleigh
Harvel Weldon Lavender (August, 1962) ............................... Valliant, Okla.
Thomas Darrell Spencer (August, 1962) ............................... Raleigh
Benjamin Davis Webb (August, 1962) .................................... Roanoke Rapids

MASTER OF OCCUPATIONAL INFORMATION AND GUIDANCE
Robert Earl Morton (August, 1962) ................................. Raleigh

MASTER OF EDUCATION
Industrial Arts
William Edward Parkerson (January, 1963) .......................... Greensboro

Occupational Information and Guidance
Swarn Kanta Dahiya (January, 1963) .................................... Punjab, India

MASTER OF SCIENCE
Agricultural Economics
William John Jasper (January, 1963) .................................... Burgaw
Clair Edward Morris, Jr. (January, 1963) .............................. Columbia
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<td>John Wayne Nixon</td>
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<td>Arnold Victor Kroll</td>
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<td>John Gilbert Alphin</td>
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<td>Richard Conrad Fluck</td>
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<td>Thomas Aaron Taylor</td>
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<td>Ruby Lee Brown</td>
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<td>Albert Kamel Hanna Athnasios</td>
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<td>Gus Martin</td>
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<td>Wei-Min Chang</td>
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<td>Ray Judson Varnell</td>
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<td>M. Thompson Conkle</td>
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<td>Chandrakant Prabhudas Doshi</td>
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<td>Bryan Lawrence Button</td>
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<td>Mohamed Gamal Zaalouk</td>
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<td>Joyce Anne Causey</td>
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<td>George Lansing Blackshaw</td>
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<td>Joze Dolnicar</td>
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<td>Ljubljana, Yugoslavia</td>
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<td>Harold Eugene Eskridge</td>
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<td>Robert Linwood Olson</td>
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<td>January, 1963</td>
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Psychology
Teresita Sison Ela (January, 1963) Manila, Philippine Islands
Ralph Joseph Strauss (July, 1962) Brooklyn, N. Y.

Rural Sociology
Eva Gerstel (January, 1963) Raleigh

Soil Science
Paul Ping-Yiu Kiang (January, 1963) Wanchai, Hong Kong
Hector Manuel Lugo (January, 1963) Mayaguez, Puerto Rico

Textile Technology
Louie Thomas Lassiter (January, 1963) Raleigh
Surinder Kumar Sahbhikhi (January, 1963) Raleigh
Thomas John Schofield (January, 1963) Lima, Peru

Zoology
Paul Landis Keyes (January, 1963) Hanover, Va.
Ray Roberts Lassiter (August, 1962) Ahoskie
Wallace Lee Trent (August, 1962) Kernersville

Doctor of Philosophy Degrees

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<td>An Analytical Solution of the Neutron Moments Equations</td>
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<td>Billy Burt Brodie</td>
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<td>Pathogenicity of Certain Parasitic Nematodes on Cotton Seedlings and their Relationship to Post-Emergence Damping-off Caused by <em>Rhizoctonia solani</em> Kuhn and <em>Pythium debaryanum</em> Hesse</td>
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<td>Norman Bush</td>
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<td>Estimating Variance Components in a Multi-way Classification</td>
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<td>Quantitative Genetic Analysis of Physical Components of Yield in Corn</td>
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<td>The Chemistry of Tobacco Trichomes</td>
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<td>Effects of Direct Steam-injection Heating on Serum Protein Denaturation, Cooked Flavor Development, and Related Changes in Milk</td>
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<td>Determination of the Dielectric Constant of Solid Dielectrics through an Application of Pearce’s Equation</td>
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<td>Walter Donald Duckworth, Entomology,</td>
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<td>The Genera of Western Hemisphere Stenomidae (Lepidoptera)</td>
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<td>Samuel Turner Goforth, Jr., Chemical Engineering,</td>
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<td>Analysis and Experimental Verification of a Probe Method for the Conductivity of Small Specimens</td>
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<td>Wiley Hix Henson, Jr., Agricultural Engineering,</td>
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<td>The Identification of Growth Stimulants for the Lactic Streptococci</td>
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<td>Modifications of Response Surface Techniques for Biological Use</td>
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<td>Abomasal Hydrolysis of Milk Fat by Pregastric Esterase in the Calf</td>
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<td>John Irvine Paulk, Nuclear Engineering,</td>
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<td>Ralph James Peeler, Jr., Agricultural Economics,</td>
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<td>Effects of Assembly and In-Plant Cost on the Optimum Number, Location, and Size of Egg Grading and Packing Plants in North Carolina</td>
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<td>Chromosome Behavior and Morphology in Species and Interspecific Hybrids of Pinus</td>
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<td>Wilfred Martin Schutz, Genetics,</td>
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<td>The Effect of Field Blocking on Gain from Selection</td>
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John Ike Sewell, Agricultural Engineering, (August, 1962)
Dissertation: Moisture Flow Patterns in Irrigation Determined by Approximate Methods

Dissertation: Evaluation of Free Iron Oxide Distribution and Source and Significance of Red and Yellow Coloration in Certain Well-Drained Coastal Plain Soils

Dissertation: Sodium and Potassium of the Rumen as Related to Volatile Fatty Acid Metabolism

Dissertation: Investigation of an Acetate-Activating System from Rumen Microorganisms

Charles Henry Voss, Jr., Electrical Engineering, (January, 1963)
Dissertation: A New High-Speed Method of Testing Capacitors

Frederick Robert Westfall, Physics, (August, 1962)
Dissertation: Measurements of Natural Uranium-Heavy Water Lattices by the Pulsed Neutron Technique

Shung-Jun Yang, Crop Science, (July, 1962)
Recipients of Honorary Degrees

FOR THE HONORARY DEGREE OF DOCTOR OF SCIENCE

GEORGE McMillan DARROW

We greet you as one who has turned the methods and resources of science to the benefit of mankind. Your dedication of your life to the improvement of the breeding of small fruits is a part of the larger effort in modern agriculture to increase the quantity of food available to the human race while improving its quality in nutrients and variety. Efforts such as yours and your co-workers are reflected directly in the development and introduction of new strains of small fruits which not only support an important industry but relate directly to the improvement of the lives of all of us. Not only is the nation in your debt but particularly are we in North Carolina for your inauguration of scientific work in the improvement of strawberry and blueberry strains in our own state. Perhaps more important than any of these, however, is the wealth of testimony to the inspiration you have given and still give to your colleagues and the encouragement of the younger men who will follow you.

In recognition of your many services, North Carolina State is proud to add to the many honors you have already received by conferring upon you the degree of Doctor of Science, honoris causa.

FOR THE HONORARY DEGREE OF DOCTOR OF HUMANITIES

TERRY SANFORD

Early in a life illuminated by the desire and the capacity for the public service, you grasped the essential truth that education is the key to the progress of your state and region. During the first biennium of your governorship, your leadership moved the public schools forward to a degree equaled by no governor since Charles Brantley Aycock, nearly two generations ago. For them you charted the path of progress and provided a fiscal structure which should serve the state for years to come. No less during the latter part of your administration has education felt the strength of your support. Turning your attention to the problems of education beyond the high school, you have forwarded the idea of a system of higher education which promises both breadth and excellence. Few men have done so much to guarantee that North Carolina maintains her illustrious place in the mainstream of the nation's history. The state will be grateful to you for generations to come.

Terry Sanford, for your devotion to education and for your exemplary performance of your demanding duties, I confer upon you the degree of Doctor of Humanities, honoris causa.

FOR THE HONORARY DEGREE OF DOCTOR OF SCIENCE

ELI STERNBERG

As a son of North Carolina State you have brought her honor throughout your professional life. Building upon the work which you did here and in your other studies you have achieved a position of eminence in the fields of applied mathematics which few can match. Your scholarship in the arcane and difficult fields of elasticity, viscoelasticity and thermoelasticity has facilitated the work of other scientists throughout the world. Creativity such as yours contributes both immediately and ultimately to the scientific and technological progress upon which our civilization depends.
Because your work exemplifies the highest traditions of selfless scholarship, North Carolina State is glad to recall one of her own and confer upon him yet another degree—Doctor of Science, honoris causa.

FOR THE HONORARY DEGREE OF DOCTOR OF SCIENCE

BERTRAM WHITTIER WELLS

Throughout a long and busy life as a botanist you have carried forward the highest ideals of our profession. Through your teaching and research and administration of your department you have not only directed but led by example the development of an important science basic to the university concept. The warmth of your personality and the breadth of your interests have made for you enduring friendships throughout the world. Because you realized that scholarship cannot remain cloistered when its essential interests are threatened, you led the fight to prohibit political interference in the curriculum and thereby helped to establish an essential element of academic freedom—the right and the duty of the scholar to lead the community to a reliance on information painstakingly acquired and honestly presented.

It is now more than four decades since you came to us as professor of Botany and Head of that department. For such a span of devoted service there can be no adequate return except the honor in which we hold you and our gratitude for your many works. It is purely as a symbol of these things that we confer upon you the degree of Doctor of Science, honoris causa.
Awards for Achievement
1962-1963

SCHOOL OF AGRICULTURE

Agricultural Economics:
Wall Street Journal Achievement Award: Robert Charles Cochran, Robersonville.

Agricultural Engineering:
American Society of Agricultural Engineers, Student Honor Award: Larry Franklin Stikeleather, Stony Point.
Senior Honor Award in Agricultural Engineering Technology: Luther William Hedepeth, Jr., Conway.

Agronomy:
Senior Highest Scholastic Average in Crop Science and Soil Science: Roy Walton Mozingo, Kenly (Crop Science).
American Society of Agronomy Award, Most Outstanding Senior: Charles David Raper, Jr., Whiteville (Soil Science).
Agronomy Club Leadership Award: Henry Thomas Brown, Jr., Ahoskie (Crop Science).

Animal Science:
The Fred M. Haig Trophy: James Wall Davis, Winston-Salem.

Food Science:
The Virginia Dare Award: Robert Jackson Drye, Jr., Charlotte.

Gamma Sigma Delta:
Sophomore Certificate: Donald Bruce Zobel, Raleigh (School of Forestry).
Senior Certificate: Charles Everett Dunning, Woodland (School of Forestry).

Horticultural Science:
Outstanding Senior Award: George Sidney Wellons, Wilson.

SCHOOL OF DESIGN

American Institute of Architects Book Award: Gerrard Edmond Raymond, New Orleans, Louisiana.
Alpha Rho Chi Medal: Gunther Johann Phillip Reuer, Berlin Dahlem, Germany.
North Carolina Chapter of the American Institute of Architects Book Awards: Kenneth Lloyd Haggard, II. San Antonio, Texas and Woodrow Wilson Jones, Jr., Rutherfordton.
General Motors Corporation Book Awards: Calvin Collins Pippin, Smithfield, and Louie Willard Watkins, Jr., Wilmington.

SCHOOL OF EDUCATION

Agricultural Education Club Award, most outstanding senior: Hugh Alexander Clark, Elizabethtown.
Kappa Phi Kappa Scholarship Medal: Hugh Alexander Clark, Elizabethtown.

SCHOOL OF ENGINEERING

The Hamilton Watch Award: David Tilden Putnam, Shelby (Senior Mechanical).
The School of Engineering Outstanding Senior Award: William Marcus Deal, Lenoir (Senior Industrial).
Ceramic Engineering: Moland-Drysdale Corporation Freshman Scholarship Cup,
Douglas L. Fowler, Durham (Freshman Ceramic); J. C. Steele Upperclassman Scholarship, Gerald T. Lester, Kinston (Sophomore Ceramic).

Chemical Engineering: American Institute of Chemical Engineers Scholarship Award, William Ernest Lewis, Greenville (Junior Chemical).

Civil Engineering: Associated General Contractors' Award to Outstanding Senior in Construction Option, Charles Edward Jones, Lenoir (Senior Civil Engineering, Construction Option); North Carolina Section, American Society of Civil Engineers' Awards, William Moncrier Cox, New Bern (Senior Civil Engineering); Lew Gary Clontz, Hudson (Senior Civil Engineering); James Maurice Lynch, Sanford (Senior Civil Engineering); Clay Edward Sams, Dillard, Georgia (Senior Civil Engineering).

Electrical Engineering: Institute of Radio Engineers Awards—Junior Year Award, Jacob Aster Davis, Raleigh; Senior Year Award, Tommy Goode Sharpe, Statesville.

Industrial Engineering: Outstanding Sophomore in Industrial Engineering, Joseph Coy Eller, Purlear; Award to Outstanding Senior in Industrial Engineering—Awarded by Eastern North Carolina Chapter of American Institute of Industrial Engineering, William Marcus Deal, Lenoir; Outstanding Senior in Furniture Manufacturing and Management—Awarded by the Furniture Club—Kermit Leslie Young, Jr., Norwood.

Mechanical Engineering: American Institute of Aeronautics and Astronautics Scholarship Award, Clifton Benedict McFarland, Jr., Raleigh—Pi Tau Sigma, Donald L. Coleman, Hurdle Mills.

SCHOOL OF FORESTRY

Xi Sigma Pi Senior Award: Bohun Baker Kinloch, Jr., Charleston, South Carolina.
Xi Sigma Pi Freshman Award: Jimmy Douglas Gregory, Angier.
Continental Can Competitive Scholarship Awards: Charles Livious Lennon, Bladenboro; Gregory Hudson Winston, Bumpass, Virginia.
Homelite Honor Awards: Edward Carlyle Franklin, Richmond, Virginia; James Lewis Hamrick, III, Richmond, Virginia; Donald Bruce Zobel, Raleigh.
Slocum Scholarship Awards: James Chandler Eakes, Jr., Sanford; Lynn Keith Jackson, Sardis, Ohio.
Alpha Zeta Scholarship Cup Award: Jimmy Douglas Gregory, Angier.

SCHOOL OF GENERAL STUDIES


SCHOOL OF PHYSICAL SCIENCES AND APPLIED MATHEMATICS

The Chemical Rubber Company Achievement Award for the Outstanding Student: Freshman Mathematics, John Charles Pratt, Goldsboro; Freshman Chemistry, Robert Malcolm Swindell, Raleigh; Sophomore Physics, Edwin Lane Fassanella, Cary.
Award to top ranking State College student in the National Putnam Competition: Harvey Thomas Banks, Newton.
Award to top ranking graduate student in the written qualifying examination for candidates for the degree of Doctor of Philosophy in Applied Mathematics: Joel Vincent Brawley, Mooresville.

SCHOOL OF TEXTILES

American Association for Textile Technology Award: Paul Arthur Tucker, Jr., Locust.
American Association of Textile Chemists and Colorists Award: Harry Oscar DeLoach, Asheville.
Delta Kappa Phi Award: Larry Stuart Jenkins, Raleigh.
Phi Psi Award: Reid Alexander McCarter, Gastonia.
Sigma Tau Sigma Award: Paul Arthur Tucker, Jr., Locust.
Textile Veterans Association Award: Larry John Matheson, Asheville.
Saul F. Dribben Memorial Award: Charles Lester Kale, Raleigh.
John M. Reeves Scholarship: William James Burgess, Staley.
North Carolina Textile Manufacturers Association Award: William Thomas Hester, Raleigh.
Harry Riener Award: Roy Clark Thompson, Saluda.

ALUMNI ATHLETIC TROPHY

Hazel Benton Matthews, Hertford.

PHI KAPPA PHI, NATIONAL HONORARY SCHOLARSHIP SOCIETY

Graduate Student Ph. D. Award: William Daniel Stanley, Bladenboro.
Graduate Student Masters Award: Marvin Kenneth Aycock, Jr., Warrenton.
Junior Honorary Awards: Charles Leroy Hutchins, Winston-Salem; James Mumford Sawhill, Jr., Ruxton, Maryland.

AIR FORCE AWARDS

Air Force Association Award: Cadet Captain Robert B. Grove, Rock Hill, South Carolina.
Chicago Tribune ROTC Medals: Cadet Tommy C. Edwards, Gastonia; Cadet MSgt. David J. Ivey, Alexander, Virginia; Cadet Capt. Stanford L. Carter, Greensboro; Cadet Major George M. Mann, Jr., Wilmington.
General Dynamics Cadet Award: Cadet MSgt Samuel B. Land, Jr., South Hill, Virginia.
Reserve Officers Association Awards: Cadet 1st Lt. Edward A. Lennon, Morganton; Cadet Lt. Col. George W. Allen, Tar Heel.
Sons of the American Revolution Medal: Cadet Charles T. Gurkin, Plymouth.
Armed Forces Communications & Electronics Association Award: Cadet Maj. David W. Whittow, High Point.
Air Force Times Award: Cadet Major Leon J. Poteet, Morganton.
Major General William G. Lee Scholarship Award: Cadet Leo G. Miller, Boonville.
Scribner & Blade Award: Cadet MSgt. William A. Jenkins, Charlotte.
Daughters of the Founders & Patriots of America Award: Cadet MSgt. Larry A. Dillon, Greensboro.
Best Drilled Cadet Awards: Cadet MSgt. William A. Stephenson, Raleigh; Cadet MSgt. James D. Myers, Durham; Cadet Major Robert B. Bourne, Raleigh.
Professor of Air Science Award: Cadet Major Dennis A. Rose, Littleton.
AFROTC Flight Leader Award: Cadet Capt. Charles B. Griffin, Woodville.
Arnold Air Society Award: Cadet MSgt. David B. Hill, Wadesboro.
Society of American Military Engineers Award: Cadet Major Robert G. Rouse, Magnolia.
Academic Achievement Awards: Cadet Major Robert G. Rouse, Magnolia; Cadet Major Woodrow M. Taylor, Deep Run; Cadet Captain Robert B. Grove, Rock Hill, South Carolina; Cadet Wayland K. Bell, Facon; Cadet Norvin A. Clontz, Glen Alpine.
ARMY ROTC AWARDS

The Department of the Army Superior Cadet Award: Senior Class—Cadet Captain Tommy G. Sharpe, Statesville; Junior Class—Cadet Sergeant Major George P. Kittrell, Jr., Corapeake; Sophomore Class—Cadet 1st Lieutenant Jimmie D. Gregory, Angier; Freshman Class—Cadet John C. Pratt, Goldsboro.


The Colonel John W. Harrelson Award: Cadet Crowell G. Bowers, Norwood.

Association of United States Army Medal: Cadet Captain Sabert S. Trott, II, Kannapolis.

Association of United States Army Special Award: Cadet Robert T. Penland, Davidson.

American Ordnance Association Key Award: Cadet Major William A. Brantley, Raleigh.


Best Drilled Pershing Rifle Cadet Award: Cadet Second Lieutenant Michael R. Norris, Wilmington.

Master Sergeant Horace C. Thomas, Sr. Award: Cadet Staff Sergeant Phillip C. Stephens, Rocky Mount.

Chicago Tribune Gold Medals: Cadet Colonel Richard F. Hill, III, Arden; Cadet Lieutenant Colonel Ronald J. Goldstein, Mooresville.

Chicago Tribune Silver Medals: Cadet Second Lieutenant Donald W. Coon, Santa Anna, California; Cadet Sergeant First Class Jerry L. Self, Casar.

Society of American Military Engineers Award: Cadet Captain Tommy G. Sharpe, Statesville; Cadet Sergeant First Class Kirby L. Ball, Thomasville.

National Defense Transportation Association Medal: Cadet Captain Gerald N. Moore, Fayetteville.


Armed Forces Chemical Association Award: Cadet Second Lieutenant Larry B. Carawan, Wilmington.

American Legion Medal: Cadet Lieutenant Colonel Clemon E. Bass, Edenton.

Scabbard and Blade Award: Cadet Second Lieutenant Michael R. Norris, Wilmington.

Scabbard and Blade Marksmanship Award: Cadet Captain Frank E. Lustig, Clemmons.

Armed Forces Communications and Electronics Award: Cadet Captain Tommy G. Sharpe, Statesville.

Reserve Officers Association Honor Award: Cadet Lieutenant Colonel Gorege S. York, Raleigh.

Reserve Officers Association Medal: Cadet Sergeant First Class Richard B. Phillips, Raleigh.

Pershing Rifles Achievement Trophies: Cadet Second Lieutenant Ronald L. Miller, West Islip, New York; Cadet First Lieutenant Charles P. Barrow, Raleigh; Cadet Captain Gerald N. Moore, Fayetteville.

Pershing Rifles Bronze Medals: Cadet Second Lieutenant Edward Poncavage, Raleigh; Cadet Second Lieutenant Francis T. Moss, Fayetteville; Cadet Second Lieutenant Ronald L. Miller, West Islip, New York; Miss Kathleen Canaday, Raleigh; Cadet First Lieutenant Charles P. Barrow, Raleigh.

Pershing Rifles Silver Medals: Cadet Captain Sabert S. Trott, II, Kannapolis; Cadet Second Lieutenant Robert H. Upchurch, Raleigh.

Pershing Rifles Gold Medal: Cadet Captain Gerald N. Moore, Fayetteville;


Daughters of the Founders and Patriots of America Award: Cadet Robert T. Penland, Davidson.

Commander of the Drum and Bugle Corps Special Award: Cadet Major Alan M. Baguly, Charlotte.

Professor of Military Science Award: Cadet Captain Joseph M. Carpenter, Jr., Wagram, Commanding Officer of Company "B", Second Battalion.