

CORRECTED COPY

101st Annual Commencement

North Carolina State University



Saturday, May 12
Nineteen Hundred and Ninety
Degrees Awarded 1989-90

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Nineteen Hundred and Ninety
Degrees Awarded 1989-90

This program is prepared for informational purposes only. The appearance of an individual's name does not constitute the University's acknowledgement, certification, or representation that the individual has fulfilled the requirements for a degree.

Honors listed for May 1990 candidates for degree are tentative in that they are calculated without the final semester grades.

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Musical Program

EXERCISES OF GRADUATION

May 12, 1990

Commencement Band Concert: 8:30 a.m.
Carter-Finley Stadium

Alleluia! Laudamus Te Alfred Reed

The Thunderer March John Philip Sousa

West Side Story Leonard Bernstein

Second Suite in F — March Gustav Holst

America the Beautiful Samuel Ward/Carmen Dragon

PROCESSIONAL: 9:00 A.M.

March Processional Clare Grundman

RECESSIONAL: (Platform Party Only)

University Grand March Edwin Franko Goldman

NORTH CAROLINA STATE UNIVERSITY COMMENCEMENT BAND
Dr. Ronald J. Toering, Conductor

MAYA ANGELOU



Ms. Maya Angelou is hailed as one of the great voices of contemporary black literature and as a remarkable Renaissance woman. Being a poet, educator, historian, best-selling author, actress, playwright, civil rights activist, producer and director, she continues to travel the world making appearances on college campuses, spreading her legendary wisdom. A mesmerizing vision of grace, swaying and stirring when she moves, Ms. Angelou captivates her audiences lyrically with vigor, fire and perception.

Ms. Angelou's background is as complex as the woman herself. Born in St. Louis, she spent the early part of her childhood in Stamps, Arkansas. Her family then moved to San Francisco where she completed her high school education. Determined to carve out a stage career, Ms. Angelou studied drama and dance. In 1952, her career took a significant upturn. She received a scholarship to study dance with Pearl Primus in New York. She then joined the European touring company of *Porgy and Bess*. She sang the role of "Ruby" and was the lead dancer in the show which was presented in twenty-two European countries.

Ms. Angelou lived in Africa where she became the associate editor of the *Arab Observer* in Cairo. She also was the assistant administrator of the School of Music and Drama at the University of Ghana. She concluded her stay in 1966 as feature editor of the *African Review* in Accra.

Random House has published ten bestsellers by Ms. Angelou: *I Know Why the Caged Bird Sings*, *Just Give Me a Cool Drink of Water 'Fore I Die*, *Gather Together in My Name*, *Oh Pray My Wings are Gonna Fit Me Well*, *Singin' and Swingin' and Gettin' Merry Like Christmas*, *And Still I Rise*, *The Heart of a Woman*, *Shaker, Why Don't You Sing?*, *All God's Children Need Traveling Shoes*, and *Now Sheba Sings the Song*. Ms. Angelou has the unique ability to shatter the opaque prisms of race and class between reader and subject throughout her books of both poetry and autobiographies.

In the sixties, at the request of Dr. Martin Luther King, Jr., Ms. Angelou became the Northern Coordinator for the Southern Christian Leadership Conference. She was also appointed by President Gerald Ford to the Bicentennial Commission, and by President Jimmy Carter to the Commission of International Women's Year.

In the film industry, especially through her work in script writing and directing, Maya Angelou has been a groundbreaker for black women. She was the writer of the screenplay *Georgia, Georgia*, which was the first original script by a black woman to be produced. She has also done numerous musical scores for her own films and others as well. Ms. Angelou was writer/producer for 20th Century Fox TV, for whom her film, "Sister, Sisters" was her first initial full-length effort.

In television, Ms. Angelou has made hundreds of appearances on both network and local talk shows. She was the subject of an hour interview with Bill Moyers on PBS. Her renowned autobiographical account of her youth, *I Know Why the Caged Bird Sings*, was a two hour TV special for CBS in 1979. Other significant television accomplishments include the five part mini-series, "Three Way Choice" on CBS, for which she was both the author and executive producer, and "Afro-American in the Arts" for PBS, for which she received the coveted Golden Eagle Award.

Drawing again upon her many talents, Ms. Angelou, in collaboration with Godfrey Cambridge, wrote, produced, and performed in the revue "Cabaret for Freedom." She also appeared with Cambridge in Jean Genet's play "The Blacks." This production later went on to win the Obie Award. In 1974, she wrote an adaptation of Sophocles' *Ajax* for the Mark Taper Forum in Los Angeles. Ms. Angelou's musical, "And Still I Rise," for which she is librettist, lyricist and composer, was first produced in 1976. Her most recent achievement is the production of "Moon on a

Rainbow Shawl," in which Ms. Angelou directs the play written by Errol John. This production opened in May, 1988 in London, England.

Ms. Angelou's awards and honors are unlimited in virtually every field. To mention only a few, she received the Chubb Fellowship Award from Yale University in 1970; was nominated for the National Book Award in 1970 for *I Know Why the Caged Bird Sings*; a Pulitzer Prize nomination in 1972 for *Just Give Me a Cool Drink of Water 'Fore I Die*; and a Tony Award nomination in 1973 for her performance in "Look Away." Ms. Angelou was presented two awards from *Ladies Home Journal*: one for Woman of the Year in Communications (1976), and one for the Top 100 Most Influential Women (1983). She has received doctorate degrees from Smith College, Mills College and Lawrence University. In 1977, Ms. Angelou was nominated for an Emmy Award for her role in Alex Haley's "Roots." In 1981, Ms. Angelou was appointed to a lifetime position as the first Reynolds Professor of American Studies at Wake Forest University in North Carolina. The Matrix Award in 1983 was another honor along with the North Carolina Award in Literature, the highest the state bestows, in 1987.

Ms. Angelou has had countless articles in a world of publications including *Life*, *Cosmopolitan*, *Essence*, *Harper's Bazaar*, and *The New York Times*. She speaks French, Spanish, Italian, Arabic and West African Fanti.

Infused with passion and an exuberant vitality, Ms. Angelou believes in social change for the betterment of those who have not shared fully in the American dream. She continues her work and lectures throughout the country and abroad about the black experience, the human condition . . . about what we can endure, dream fail at the still survive.

The Alma Mater

Words by:

ALVIN M. FOUNTAIN, '23

Music by:

BONNIE F. NORRIS, JR., '23

Where the winds of Dixie softly blow
o'er the fields of Caroline,

There stands ever cherished N. C. State,
as thy honored shrine.

So lift your voices; Loudly sing
from hill to oceanside!

Our hearts ever hold you, N. C. State
in the folds of our love and pride.

Exercises of Graduation

Carter-Finley Stadium

Chancellor Larry K. Monteith
Presiding

May 12, 1990

PROCESSIONAL, 9:00 a.m. Dr. Ronald J. Toering
Conductor, North Carolina State University Commencement Band

*The audience is requested to remain seated during
the Processional.*

WELCOME Chancellor Larry K. Monteith

INVOCATION The Reverend William G. Sharpe, IV
Director, Raleigh Wesley Foundation
United Methodist Campus Minister
North Carolina State University

NATIONAL ANTHEM Sgt. Frederick A. Parmley

INTRODUCTIONS Chancellor Monteith

GREETINGS President C. D. Spangler, Jr.
The University of North Carolina

ADDRESS Ms. Maya Angelou
Reynolds Professor of American Studies

CONFERRING OF DEGREES Chancellor Monteith

*Candidates for Doctor of Veterinary Medicine pre-
sented by Dean of College of Veterinary Medicine.
Candidates for other advanced degrees presented
by Dean of Graduate School. Candidates for baccalaureate
degrees presented by Deans of Colleges/
Schools.*

ADDRESS TO FELLOW GRADUATES Mr. Timothy Van Cooke

RECOGNITIONS Chancellor Monteith

VALEDICTORIANS—CLASS OF 1990

ALMA MATER Sgt. Frederick A. Parmley

RECESSIONAL (Platform Party only)

Commencement Ushers

Army ROTC Ushers

Glen Blumhardt
B. DeWayne Brank
Brian Burkett
Diane Carver
Curtis M. Hargrar
Kevin Hart
Bruce Horton
Al Linn
Virgil Matthews
Jim McFayden
Tom McFayden
John T. Rawcliffe
Matt Richmond
Alick Smith
Brett Yauger
William Yerkes

Navy ROTC Ushers

Andrew D. Amidon
Michael B. Beasley
Richard L. Biggs
Matthew I. Borbash
David H. Deboskey
Susan M. Graham
Michael W. Howell
Rafael E. Jimenez
Charlie D. Johnson
Herbert A. Kupec
William J. Pierce
Jeffrey A. Roach
Curtis C. Tucker
Mikele Winters

Air Force ROTC Ushers

Scott H. Bowes
Keith Cameron
Jeffrey T. Cook
Eric Critchley
Mark W. Johnson
Ronnie S. King, Jr.
David J. LeCount
Tracy Mitchelson
Lida M. Pilotta
Stan Rosen
Jeffrey B. Satterwhite
Keith S. Shaneman
Kevin S. Slaughter
Robert F. Taylor, Jr.
Michael D. Tyynismaa
Mark D. Workman

Commencement Marshals

Patricia Adeleke
Eric Kpakpo Addo
Burton F. Beers, Jr.
Barbara L. Bernhard
Brian M. Buroker
Kevin R. Campbell
Richard Youngho Choi
Sarita Chung
Andrew R. Cruickshank
Julie A. Cudd
Jennifer E. Culler
John E. Davis
Tamie C. Daniels
Jennifer B. Fu

Kim Hale
Marnie Hamer
Frank B. Hicks, III
Johanna E. Hicks
William L. Holmes
David M. Honea
Ronald S. Jackson
Kim Jenkins
Linda N. Jones
John N. Kandara
Vince Lancaster
Lora A. Long
Lauri C. Lyerly

C. Donel Mitchell
Brad D. Moore
Leslie Powell
Kimberly L. Rowell
Julie C. Spaeth
Amr A. Swede
Anne E. Stubbins
Donnie A. Williams, Jr.
Ellen M. Williams
Toni M. Williams
Jeffrey T. Willits
Angela P. Wooten
Cynthia E. Zuckerman

Faculty Retirements 1989-90

Adams, William McChesney, College of Veterinary Medicine, retired August 31, 1989.
Allison, Richard Coffey, College of Forest Resources, retired August 31, 1989.
Black, Chester Dunlap, College of Agriculture and Life Sciences, retired December 31, 1989.
Campbell, William Vernon, College of Agriculture and Life Sciences, retired December 31, 1989.
Coster, John Kincaid, College of Education and Psychology, will retire May 15, 1990.
Craig, Harris Bradford, College of Agriculture and Life Sciences, retired July 31, 1989.
Dolce, Carl John, College of Education and Psychology, will retire June 30, 1990.
Drews, Frederick Richard, College of Humanities and Social Sciences, retired December 31, 1989.
Ekwall, John Algot, College of Engineering, will retire June 30, 1990.
Gilbert, Richard Dean, College of Textiles, will retire May 15, 1990.
Griffith, Wayland Coleman, College of Engineering, will retire May 15, 1990.
Halperen, Max, College of Humanities and Social Sciences, will retire May 15, 1990.
Hamann, Hans Kermit, College of Physical and Mathematical Sciences, retired August 31, 1989.
Huish, Melvin Theodore, College of Agriculture and Life Sciences, retired November 4, 1989.
Kahn, Joseph Stephan, College of Agriculture and Life Sciences, retired August 31, 1989.
Lord, Peter Reeves, College of Textiles, will retire May 15, 1990.
Marsh, Culpepper Paul, College of Humanities and Social Sciences, retired December 31, 1989.
Michaels, Alan Sherman, College of Engineering, retired September 30, 1989.
Miller, Conrad Henry, College of Agriculture and Life Sciences, retired December 31, 1989.
Petrea, Howard Aldridge, College of Physical and Mathematical Sciences, will retire June 30, 1990.
Redeker, Immo Heinz, College of Engineering, retired April 30, 1990.
Saylor, LeRoy Charles, College of Forest Resources, retired January 31, 1990.
Stewart, James Mustian, Water Resources Institute, retired October 31, 1989.
Tarver, Fred Russell, Jr., College of Agriculture and Life Sciences, retired September 30, 1989.
Troxler, Robert T., College of Education and Psychology, will retire May 15, 1990.
Turner, William Lindsay, Extension and Public Service, retired December 31, 1989.
Wallace, James C., College of Humanities and Social Sciences, will retire May 15, 1990.
Webb, Benjamin Davis, College of Education and Psychology, will retire May 15, 1990.

Time and Location of Distribution of Diplomas

College and Department Locations

College of Agriculture and Life Sciences—1:30 p.m.

Adult and Community College Education . . . Room 1C-D, McKimmon Center,
Western Boulevard

Agricultural Business Management and Agricultural

Economics . . . Main Floor, Reynolds Coliseum

Agronomy, Crop Science, Soil Science

and Conservation . . . 2215 and 2223 Williams Hall

Animal Science . . . Room 2, McKimmon Center

Biochemistry . . . University Room, Faculty Club

Biological and Agricultural Engineering . . . Weaver Laboratories Pavilion

Biological Sciences . . . 2722 Bostian Hall

Biological Sciences Major

Botany

Ecology

Entomology

Genetics

Microbiology

Nutrition

Pest Management

Plant Pathology

Toxicology

Food Science . . . 105 Schaub, Food Science Building

Horticultural Science . . . NCSU Arboretum, Beryl Road

Individualized Study Program . . . Location of Major Faculty Adviser

Poultry Science . . . Baptist Student Center, 2702 Hillsborough Street

Applied Sociology . . . 218 Withers Hall

Zoology . . . 3712 Bostian Hall

Fisheries and Wildlife Sciences

Medical Technology

Zoology Majors

School of Design—1:30 p.m. . . . Stewart Theatre

Reception—2:30 p.m. . . . Brooks Hall Courtyard

College of Education and Psychology—1:30 p.m. except for those marked with an asterisk

*Administration and Supervision—1:00 p.m. . . . 220 Poe Hall

Adult and Community College

Education . . . Room 1C-D McKimmon Center, Western Boulevard

*Counselor Education—12:00 p.m. . . . 532 Poe Hall

*Curriculum and Instruction, Special Education,

and Middle Grades Education—12:00 . . . South Wing, Dining Hall

*Education General Studies—1:00 p.m. . . . 220 Poe Hall

*Mathematics and Science Education—1:00 p.m. . . . 216 Poe Hall

*Occupational Education: Agricultural Education, Health

Occupations Education, Industrial Arts/Technology Education

Industrial and Technical Education, Marketing Education,

and Occupational Education—12:00 p.m. . . . Room 8, McKimmon Center

*Psychology—12:00 . . . 216 Poe Hall

College of Engineering—1:30 p.m.

Biological and Agricultural Engineering . . . Weaver Laboratories Pavilion

Chemical Engineering . . . Thompson Theater

Civil Engineering . . . Lobby of Mann Hall

Computer Science . . . 240 Nelson Hall

Electrical and Computer Engineering	Governor Holshouser Building N.C. State Fairgrounds
Furniture Manufacturing and Management	Ballroom, Faculty Club
Industrial Engineering	Ballroom, Faculty Club
Integrated Manufacturing Systems Engineering	Walnut Room, University Student Center
Masters of Engineering	Walnut Room, University Student Center
Materials Science and Engineering	McKimmon Center
Mechanical and Aerospace Engineering	University Student Center Ballroom
Nuclear Engineering	North Portico, Burlington Engineering Laboratories
College of Forest Resources—1:30 p.m.	Area 1 A and B, McKimmon Center, Western Boulevard
College of Humanities and Social Sciences—1:30 p.m.	
Accounting	Daniels Middle School Auditorium, 2816 Oberlin Road
Business Management and Economics	Main Floor, Reynolds Coliseum
History	100 Harrelson Hall
English	West Raleigh Presbyterian Church, 27 Horne St.
Foreign Languages and Literatures	West Raleigh Presbyterian Church, 27 Horne St.
Multi-Disciplinary Studies	West Raleigh Presbyterian Church, 27 Horne Street
Philosophy and Religion	West Raleigh Presbyterian Church, 27 Horne St.
Political Science	Caldwell Hall Patio (Rain: Caldwell Hall Lobby)
Sociology	218 Withers Hall
Speech-Communication	Raleigh Civic and Convention Center Assembly Hall # 1, 500 Fayetteville Street Mall
College of Physical and Mathematical Sciences—1:30 p.m.	
Chemistry	124 Dabney Hall
Mathematics	222 Dabney Hall
Physics	206 Cox Hall
Statistics	Erdahl-Cloyd Wing, D.H. Hill Library Room 2320
Marine, Earth and Atmospheric Sciences	2010 Biltmore Hall
College of Textiles—1:30 p.m.	Forest Hills Baptist Church 3110 Clark Avenue

ROTC COMMISSIONING CEREMONY

COLONEL JAMES T. FERRELL
Presiding

Stewart Theatre
May 12, 1990

PROCESSIONAL MARCH, 4:00 p.m. Dr. Ronald J. Toering
Conductor, North Carolina State University Commencement Band

NATIONAL ANTHEM

INVOCATION Major R. Eric Jewett
Chaplain, Seymour Johnson AF, NC

INTRODUCTIONS Colonel James T. Ferrell

WELCOME Dr. Larry K. Monteith
Chancellor, North Carolina State University

INTRODUCTION OF GUEST SPEAKER Colonel James T. Ferrell

ADDRESS Major General John L. Borling
Director of Operations, Strategic Air Command

ADMINISTRATION OF THE OATH

OF OFFICE Lieutenant Colonel Howard K. Fisher, Jr.
Professor of Military Science
Colonel G. H. Walls
Professor of Naval Science
Colonel James T. Ferrell
Professor of Aerospace Studies

PRESENTATION OF CERTIFICATES Dr. Larry K. Monteith

BENEDICTION Major R. Eric Jewett

RECESSIONAL Dr. Ronald J. Toering
The audience is requested to remain seated until the Recessional music is completed.

Academic Costume

Academic gowns represent a tradition handed down from the universities of the Middle Ages. These institutions were founded by the Church; the students, being clerics, were obliged to wear the prescribed gowns at all times. Round caps later became square mortarboards; the hoods, originally cowls attached to the gowns, could be slipped over the head for warmth.

Many European universities have distinctive caps and gowns which are different from those commonly used in this country. Some of the gowns are of bright colors and some are embellished with fur. A number of these may be noted in the procession.

The usual color for academic gowns in the United States is black. The bachelor's gown is worn closed, the master's and doctor's may be worn open or closed. The shape of the sleeve is the distinguishing mark of the gown: bachelor—long pointed sleeves; master—oblong, square cut in the back with an arc cut away in front; doctor—bell shaped.

Caps are black. The tassels for the Ph.D. degree are gold and those for other graduate and professional degrees may be of the color corresponding to the trimmings on the hoods.

Of all the components of the academic costume, the hood bears the heaviest symbolic burden. The hood must make clear the level of the degree, the faculty in which it was given, and the institution which awarded it. The level of the degree is shown by the size of the hood, the width of the velvet trimming, and in the case of doctors, by the shape. The bachelor's, master's, and doctor's hoods are three feet, three and one-half feet, and four feet long, respectively. The velvet trimming in the same order is two, three, and five inches and extends all around the hood on the exposed edge. This same trimming identifies the faculty in which the degree was awarded. For each faculty there is a corresponding color; so a glance at the trimming is all that is needed to identify the faculty. A *partial* list of the colors follows: Agriculture, maize; Architecture and Art, brown; Science, golden yellow; Economics, copper; Education, light blue; Engineering, orange; Forestry, russet; Physical Education, sage green; Religion, scarlet; Speech, silver gray; Veterinary Medicine, gray; Textiles, wine red. The following faculties have the same color—dark blue: Anthropology, History, Languages, Literature, Philosophy, Political science, Sociology.

Academic Honors

Honors participants benefit from a more individualized and rigorous approach to their desired degree through special classes, seminars and individual research.

Undergraduate degree honor designations are:

Cum Laude—for GPA 3.250 through 3.499
Magna Cum Laude—for GPA 3.500 through 3.749
Summa Cum Laude—for GPA 3.750 and above.

UNDERGRADUATE DEGREES

College of Agriculture and Life Sciences



BACHELOR OF SCIENCE IN BIOLOGICAL AND AGRICULTURAL ENGINEERING

Jointly administered by the College of Agriculture and Life Sciences and the College of Engineering.

Degrees Conferred June 27, 1989

Bobby Alan Cunningham	McLeansville
John Taylor Kittrell	Corapeake

Degree Conferred August 9, 1989

Maxwell Raye Fowler	Cashiers
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Degrees Conferred December 19, 1989

Michael Poindexter Dixon, Jr.	East Bend
Keith Mack Roberts	Fayetteville

Degrees Conferred May 12, 1990

*Peter James Crawford	Chapel Hill
John Dean Metcalfe	Hendersonville
Byron Glenn Moore	Nashville
Randall Keith Page	Elon College
Stephanie Dianne Taylor	Silver Spring, MD

BACHELOR OF SCIENCE IN CONSERVATION

Jointly administered by the College of Agriculture and Life Sciences and the College of Forest Resources. See page 41 under College of Forest Resources for a listing of the graduate seniors in the jointly administered program.

Degree Conferred June 27, 1989

Brian Antonio Ferebee	Elizabeth City
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Degree Conferred December 19, 1989

Michael Wayne Lanier	Winnabow
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† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Degrees Conferred May 12, 1990

†***Selena Lee Armistead	Denver
Ralph Lee Hollowell, Jr.	Hobbsville
H†*Leslie Michelle Sullivan	Jacksonville
Linda Sue Wiggs	Wyckoff, NJ

**BACHELOR OF SCIENCE IN AGRICULTURAL BUSINESS
MANAGEMENT**

Degree Conferred June 27, 1989

Harry Wayne Gooch	Stem
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Degrees Conferred December 19, 1989

Mary Kristina Bass	Lucama
Steven Phillip Fleming	Statesville
Agueda Marin-Hernandez	San Jose, CA
Timothy Tyler Mericka	Browns Summit
†Russell Louis Peele	Kenly
Bruce Terrell Roberts	Lenoir
Jack Lionel Todd	Whiteville

Degrees Conferred May 12, 1990

Elizabeth Marie Barker	Raleigh
***Randy Keith Baucom	Monroe
Timothy Van Cooke	Mount Airy
H*Ronald Mark Garrett	Durham
Carmon Kirk Gray	Stony Point
Obie Lee Kirkman, Jr.	Cove City
H†Brian Thomas Larson	Raleigh
Robert Todd Long	Raleigh
†Scott William Reece	Candor
Matthew Bennett Vincett	Raleigh
†Joseph Scott Welch	Anniston, AL

**BACHELOR OF SCIENCE IN AGRICULTURAL BUSINESS
MANAGEMENT—INTERNATIONAL OPTION**

Degree Conferred December 19, 1989

†***James Matthew Matson	Eden
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BACHELOR OF SCIENCE IN AGRICULTURAL ECONOMICS

Degree Conferred June 27, 1989

Kevin Lee Owenby	Morganton
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Degree Conferred December 19, 1989

**Cornelis Leonard Van Staalduinen	Pantego
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Degrees Conferred May 12, 1990

†Scott William Reece	Candor
Talmadge Ray Wall, Jr.	Knightdale

BACHELOR OF SCIENCE IN AGRONOMY

Degrees Conferred December 19, 1989

*Mitchel John Dawes	Hendersonville
Donald Grey Nicholson	Sanford

†Co major	*Cum Laude	**Magna Cum Laude	***Summa Cum Laude	H Honors Program
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Scott Alan Tyson	Nashville
Waitus Craig West	Fremont

Degrees Conferred May 12, 1990

***Felicia Adair Cope	Winston-Salem
†Andrew Quinton Eure, Jr.	Williamston
*Daren Lee Hubers	Pantego
*Ronald Edward Kelly	Candor
David Barnes Langston, Jr.	Gates
†Brian Douglas Mitchum	Cary
Audie Morris Murphy	Snow Hill
*Joseph Franklin Scott, Jr.	Kenly

BACHELOR OF SCIENCE IN ANIMAL SCIENCE

Degrees Conferred June 27, 1989

*David Christopher Booker	Belmont
April Enola Kemper	Ewing Township, NJ

Degrees Conferred August 9, 1989

*William Richard Cooper	Charlotte
Andrew Marvin Elmore, Jr.	Fallston
Martha Jane Meador	Ruffin
Elizabeth Rutherford Wentz	Flint Hill
Sharon Yvonne Zeigler	Cary

Degrees Conferred December 19, 1989

Jeffrey Thomas Banfield	Southern Pines
*Jenna Lynne Blackwell	Charlotte
Philip Andrew Blalock	Rougemont
*Glenn Carroll Bradshaw, Jr.	Rose Hill
†Sherry Lorinda Burroughs	Cary
Heath Rayburn Byrd	Wilkesboro
†Angela Dawn Conner	Cary
Joseph Kahn Fountain	Beulaville
*Martha Ann Hunt	Durham
Kang Ho Kim	Raleigh
Charles Herbert Lane, Jr.	Jackson
William Kent Lytle	Old Fort
†*Leanne Nicholson	East Bend
Victoria Hope Nowell	Raleigh
Becky Anne Ownbey	Black Mountain
†Mark Lynn Ritchie	Concord
Elizabeth Taber Robb	Raleigh
*Kevin John Rowles	Knightdale
Cynthia Diane Stewart	Star
†Jarrett Cecil Terry	Raleigh
Lori Ann Wilberding	Gaithersburg, MD

Degrees Conferred May 12, 1990

Darin Dwayne Alston	Greensboro
**Audrey Thabet Beam	Clemmons
Sharon Lynn Briles	Asheboro
***Maria Catherine Casey	Raleigh
Christopher Harold Coates	Kenly
Judith Smith Dees	Laurens, SC
Carol Marie Dribelbis	Raleigh
Kimberly Joyce Eaton	Cary

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Randy Joe Foy	Mount Olive
*Shelley Lee Galliher	Harmony
H***Joyce Carol Greene	Collettsville
Henry Matthew Herman	Shelby
H*†Brian Thomas Larson	Raleigh
Edward Lee Nixon, Jr.	Hertford
†Katrina Renee Postell	Andrews
*Deanna Michelle Rhein	Raleigh
Richard Rutledge Riddle	Raleigh
†Kelan Noel Rogers	Salisbury
Virginia Walton Smith	Robersonville
Amanda Faith Sparks	Thomasville
*Denise Ann Spencer	Columbia
Patrick Lawrence Usher	Newton Grove
Kevin Eugene Watkins	Deep Run
Terry Duane Webb	Hickory
*Mark Anthony Wellons	Princeton
*Alexandra Maria Willie	Selden, NY
Seung Eun Yang	Salisbury

BACHELOR OF SCIENCE IN APPLIED SOCIOLOGY

Degree Conferred June 27, 1989

*Edward Dean Jones	Raleigh
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Degrees Conferred May 12, 1990

Rodney Steven Harris	Bunnlevel
Jill Merline Will	Raleigh

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Degree Conferred June 27, 1989

Stephanie Jeanne Porter	Raleigh
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Degrees Conferred August 9, 1989

Kaysonnia Lytessia Hunt	Roaring River
Lori Anne Nemmers	Wilmington
***Nova Arnine Scheller	Raleigh

Degrees Conferred December 19, 1989

H*Charles Edward Bailey	Garner
†Robert Franklyn Burke	Raleigh
Lisa Suzanne Campbell	Wilmington
John Harper Goode	Charlotte
LuWanda CarShena Hamlett	Yanceyville
*Wanda Rene Harris	Winston-Salem
†**Janice Patricia McKeller	Raleigh
**James Kevin Pierce	Garner
Kimberly Dawn Spencer	High Point
†Jarrett Cecil Terry	Raleigh
†Melanie Heather Walker	High Point
*Sharon Kay Williams	Morrisville

Degrees Conferred May 12, 1990

H†**James Lester Barbee IV	Hamlet
†William Earl Blackwell, Jr.	Greensboro
H*Rebecca Bullard-Dillard	Columbia, SC
†**William Edward Burton III	Conover

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

†Samuel Clay Chatmon, Jr.	Angier
†**Sung Jin Cho	Raleigh
H*John Terrell Crutchfield	Raleigh
Jefferson Earl Davis	Cary
†**Ted C Davis	Overland Park, KS
H* Cynthia Ruth De Haas	Wilmington
H†**Michelle Lynn DuBois	Dallas, TX
†Angela Lauren Evans	Burnsville
†Robin Elaine Freeman	Columbia, SC
H***Chandana Ganguli	Fayetteville
H***Margaret Elizabeth Guest	Fort Bragg
†Dennis William Hall	Garner
Rebecca Ann Hardman	Charleston, WV
†Wendy Noble Jefferson	Belhaven
Mark Eugene Lemons	Jamestown
Sharon Renee Lingle	Raleigh
†Kelly Ann Mace	Pinnacle
*Katherine Kennedy Moore	Fuquay-Varina
*Christopher August Philippart	Raleigh
***Kimberly Beth Respass Sadler	Pantego
Sharon Renee Sims	Snow Hill
John Victor Stauber	Memphis, TN
†Michael Thomas Stocum	Raleigh
†***Arles Allen Taylor	Carthage
†David Brennen Throneburg	Southern Pines
Carrie Ann Zimmerman Wilson	Erie, PA
†Karen Michelle Winningham	Winston-Salem
*Lisa Ruff Yakimovich	Charlotte

BACHELOR OF SCIENCE IN BIOLOGICAL AND AGRICULTURAL ENGINEERING TECHNOLOGY

Degree Conferred June 27, 1989

Susan Michelle Shumaker	Charlotte
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Degrees Conferred December 19, 1989

Randall Lee Burris	Newton
Daphne Mae Cartner	Mocksville
David Scott Coble, Jr.	Swan Quarter
John Wyatt Twisdale, Jr.	Smithfield

Degrees Conferred May 12, 1990

Thomas Finley Pace	Winston-Salem
Charles McLawhorn Whitehurst, Jr.	Goldsboro

BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

Degrees Conferred June 27, 1989

Michelle Yvette Boone	Weldon
Letitia Leigh Roberts	Clyde

Degree Conferred August 9, 1989

H***Sue Ellen Mann	Raleigh
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Degrees Conferred December 19, 1989

H**Tammy Schmidt Armbrust	Greenbush, WI
Thomas William Greene	Shelby

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Kirk Alan Hawkins	Raleigh
†Suzanne Marie Leach	Burlington
*Anita Lynn Matthews	Coats
†**Janice Patricia McKellar	Raleigh
Thomas George Metzger	Flanders
†Thomas Richard Olsen	Wilmington, DE
Audra Lynn Pyecha	Lynchburg, VA
Craig Joseph Reilly	Raleigh
**Christine Woodbury Siwan	Raleigh
*Timothy Fisher Steppe	Charlotte
Eleny P. Tzamaras	Washington, DC
Terri Lynette Watkins	Wendell

Degrees Conferred May 12, 1990

John Thomas Adleta	Loveland, OH
†***Selena Lee Armistead	Denver
Sherry Denise Benson	Clayton
Brenda Hao Cao	Raleigh
Julia Anne Coronella	Fanwood, NJ
Carlan Elaine Downs	Stokesdale
†Angela Lauren Evans	Burnsville
†Edward Clark Farr, Jr.	Charlotte
H**Teresa Anne Fears	Wilson
*Charles Lynn Hemmingway II	Cary
Gregory David Herndon	Charlotte
**Amanda Jo Hunter	Winston-Salem
*Alice Michelle Ingram	Charlotte
†**Henry Herbert Jacumin, Jr.	Rutherford College
†Kelly Ann Mace	Pinnacle
Mark Judson Morrison	Burlington
Laura Christine Nutter	Charlotte
H**Christelle Elizabeth Reisser	Herndon, VA
Charles Jonathan Roberts	Hillsborough
Scott Henry Schultz	Raleigh
Thomas Byron Stevens III	Raleigh
**Darlene Trost	Rochester, NY
†**Christina Marie Whitley	Havelock
Pamela Leigh Wright	Davidson

BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES (Microbiology)

Degree Conferred June 27, 1989

Lisa Rann McClelland	Raleigh
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Degree Conferred August 9, 1989

Douglas Gene Hatcher	Chinquapin
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Degrees Conferred December 19, 1989

Dana Erika Bumgarner	Cary
†Robert Franklyn Burke	Raleigh
Ada Aurora Cachafeiro	Rio Piedras, Puerto Rico
Robert Lee Davis	Sparta
†Stephanie Ann Franks	Burlington
Kyle Reid Garriss	Rockingham
**Martina Maria Gratzl	Cary
†Melanie Heather Walker	High Point
Danny Marcellus Wright	Henderson

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Degrees Conferred May 12, 1990

†Kathy Anne Barnhill	Raleigh
Virginia Ann Best	Greenville
Susan Christine Carter	Raleigh
†Samuel Clay Chatmon, Jr.	Angier
Davelyn Anne Fitzsimmons	Troy, NY
Pamela Jo Glass	Frederick, MD
Sheila Ann Huggins	Greenville
Angela Rene Kelly	Matthews
Margaret Helen Knell	Fayetteville
†Edward William Schettino	Greensboro
†Michael Thomas Stocum	Raleigh
Diane Lynn Wadiak	Burlington

BACHELOR OF SCIENCE IN BOTANY

Degree Conferred December 19, 1989

Elizabeth Ann Strum	Kennett Square, PA
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Degree Conferred May 12, 1990

Amy Annette Venturella	Asheville
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BACHELOR OF SCIENCE IN FISHERIES AND WILDLIFE SCIENCES

Degrees Conferred December 19, 1989

H Kerri Lynn Bartel	Jacksonville
H* Rachel Jean Collins	Acton, MA
Timothy Franklin Crabtree	Pittsboro
William Sandford Edwards, Jr.	Laurinburg
James Lawrence Growney	Atchison, KS
Michael Albert Hatley	Valdese
Jennifer Annabel Jarvis	Swan Quarter
Chaffey Hux Johnson	Vass
Edmund Randolph Temple	Gatesville
Steven Gregory Williams	Fuquay-Varina

Degrees Conferred May 12, 1990

Douglas Robert Blackwell	Charlotte
Todd Andrew Buchanan	Winston-Salem
Patricia Marie Purcell	Camden County
Steven John Trowell	Wilmington
William Graham Wescott	Camden

BACHELOR OF SCIENCE IN FOOD SCIENCE

Degrees Conferred May 12, 1990

Susan Renee Alexander	North Wilkesboro
Suzanne Nancy Haithcock	Cary
Stanley Gordon Leslie	Cary
Judith Lynn Lewis	Raleigh
Marco Meulink	Scheveningen, Holland
Lisa Christian Wilson	Durham

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

BACHELOR OF SCIENCE IN HORTICULTURAL SCIENCE

Degrees Conferred June 27, 1989

H*Kim Marie Halada	Cary
Paul Raymond Hendrix	Charlotte
*Coye Arvel Yates	Banner Elk

Degrees Conferred December 19, 1989

Kimberly Ann Adams	Morganton
Robert Louis Brake	West Point, VA
Dana Brown Cannady	Charlotte
Steven David Church	Lenoir
Douglas Bergen Cramer	Raleigh
Donna Bryant Davis	Zebulon
Jens Wolfhard Geratz	Chapel Hill
Charles Alva Hardie, Jr.	Montreat
Carol Haire Hunter	Raleigh
Anna Renea Jones	Erwin, TN
†Russell Louis Peele	Kenly
Martha Carol Poole	Semora
Katherine Sophia Sawtschenko	Raleigh
Joseph Lindsey Smith, Jr.	Zebulon
Crystal Michele Tate	Burlington
*Helen Hoge Tyler	Clarksville, VA
Jeffery Kurt Vance	Newland
Robert Benjamin Whisnant	Payetteville
Reid Owen Whitehead	Clemmons
David Matthew Zaparanick	Dawson Springs, KY

Degrees Conferred May 12, 1990

Jon Scott Arnold	Winston-Salem
Burton Henry Dietz, Jr.	Raleigh
Krista Dumproff Gantt	Lincolnton
*Sabrina Noelle Grady	Seven Springs
William Philip Grantlin III	Wake Forest
Erich Wayne Gumto	Renfrew, PA
Jacob David Laughter	Hendersonville
H**Livia Marques-Cooper	Haileah, FL
†Brian Douglas Mitchum	Cary
Bryant Edwin Montague	Apex
Cheryl Lynn Noone	Raleigh
Frankie Weaver Pendergraph	Apex
†Joseph Scott Welch	Anniston, AL
Robert Michael Welker	Charles Town, WV

BACHELOR OF SCIENCE IN INDIVIDUALIZED STUDY PROGRAM

Degrees Conferred December 19, 1989

H†***Dane Kinard Fisher	Salisbury
†*Arthur R. Spruill III	Plymouth

Degrees Conferred May 12, 1990

†*Robert Meredith Alexander	Boone
†*Dinah Austin Vannoy	Taylorsville

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Degree Conferred August 9, 1989

H Wendy Denise Tolbert Lenoir

Degree Conferred May 12, 1990

Leticia Elena De Leon Panama City, Panama

BACHELOR OF SCIENCE IN PEST MANAGEMENT FOR CROP PROTECTION

Degree Conferred December 19, 1989

Mounib Fares Aoun Fakeha

BACHELOR OF SCIENCE IN POULTRY SCIENCE

Degrees Conferred December 19, 1989

†Sherry Lorinda Burroughs Cary
†Angela Dawn Conner Cary
William Ray Crowe Lenoir
Tyron Price Daly Goldsboro
Peter Thomas Gilyard Winston-Salem
Meredith Gaye Hart Benson
†*Leanne Nicholson East Bend
Edward Brent Nunn Liberty
†Mark Lynn Ritchie Concord
Robert Paul Scott Raleigh

Degrees Conferred May 12, 1990

Clayton Keith Carter Wallace
Craig Steven Gentry Ennice
Marc Orlando Marsh Marshville
H**John Edward May Columbia, South America
H Christopher Patterson McNeill Broadway
Roy Howard McNeill, Jr. Seagrove
**Katharine Greer Palmer Winston-Salem
†Katrina Renee Postell Andrews
†Richard Rutledge Riddle Raleigh
Philip Curtis Shivar Goldsboro
Timothy Farrell Welch Robbins
Amy Lou Westmoreland Kernersville
Jeffrey David Wilson Bear Creek

BACHELOR OF SCIENCE IN ZOOLOGY

Degrees Conferred June 27, 1989

Brian Kevin Collins Lumberton
Jeffery John Pinkerton Havelock

Degrees Conferred August 9, 1989

H***Anita Jeannette Bailey Huntington, WV
*Boris Brglez Cary
Walter Hamlin Brown IV Petersburg, VA
Ronald Ray Cain High Point
James Anthony Caldwell Atlanta, GA
Sandra Marie Grant Chapel Hill
Elizabeth Brantley Shoemaker Henderson

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

Jacquelyn Deanne Wiley	Charlotte
Selina Yuen	Kingston, NY

Degrees Conferred December 19, 1989

Yolanda Yvette Boddie	Nashville
Callista Gail Brinkley	Hickory
*Ina Marie Broadwell	Angier
Laura Ann Conley	Raleigh
Shelli Raye Currin	Suffolk
Elizabeth Anne Dillingham	Arden
Jeri Jones Edwards	Mooreville
Donna Lynn Ellis	Angier
Jason Paul Evans	Greensboro
†Stephanie Ann Franks	Burlington
Susan Annette Hager	Warrenton, VA
Jason Philip Haritos	Budd Lake, NJ
Stephen Martin Hash	Winston-Salem
George Wesley Hatley	New London
***Renuka Pratap Karamchandani	Raleigh
John McGilvray Lucas	Charlotte
H***Katherine Burgan Meadows	Lewisville
Paula M. Oliver	Raleigh
Jamie Susan Payne	Statesville
Carla Michelle Rogers	Raleigh
Michael Curtis Rogers	Columbia, MD
James Derril Salter	Lumberton
Rita Arun Shendrikar	Cary
*Harrison Glendon Sims III	Oak Ridge
Melinda Lee Woods	New Bern

Degrees Conferred May 12, 1990

Nancy Marie Adams	Thomasville
Dana Ann Ahrenholz	Davis
Karla Ann Andrews	Southern Pines
Anthony Miles Armstrong	Fayetteville
H*Charles Stanford Armstrong, Jr.	Charlotte
H***Cynthia Ann Ballenger	Charlotte
Melissa Janet Baptist	Annandale, NJ
Kelly Miles Barefoot	China Grove
**Timothy Scott Barlow	Cary
†Kathy Anne Barnhill	Raleigh
***Jack Wayne Bowling, Jr.	Gastonia
H***Douglas Lewis Bunting, Jr.	Pinetops
**Anna Michelle Byrd	Coats
*Krista Ruth Cartledge	Andrews
Charlotte Linn Corriher	Landis
Marian Patrice Covington	Mebane
*Derward Lee Creech, Jr.	Cary
Theresa Lynn Cress	Salisbury
James William Crowson	Statesville
Whitney Renee Dibb	Fayetteville
H***Janet Lee Dow	Kinston
H†**Alston Elmo Dunbar III	Pantego
Peggy Sue Duncan	Whiteville
Linda Christina Fogelson	Charlotte
Jennifer Anne Miller Garnett	Raleigh
Tracey Rene Garrett	Washington, DC
Jeffrey McDonald Hall	Elizabethtown

†Co major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

	Laurie Michelle Hanft	Miami Lakes, FL
**	Sheila Faith Hanley	Nashville, TN
H**	Laura Kay Hardin	Greensboro
	*Suzanne Marie Henkel	Boyertown, PA
	Stuart Spence Higgins	Amherst County, VA
**	Louisa Michelle Hight	Raleigh
H**	Laura Eve Hinrichs	St. Charles, IL
†	Henry Herbert Jacumin, Jr.	Rutherford College
	Theresa Lynn Janifer	Washington, DC
H**	John Theodore Johnson, Jr.	Cary
	Monika Etra Johnson	Goldsboro
	*Donna Corbin Johnston	Fuquay-Varina
	Jesse Womble Jones	Fuquay-Varina
	Mehdi Mohammad Kazemi	Raleigh
	Karen Michelle Kennedy	Winston-Salem
H**	Rebecca Diane Kesler	Sanford
HP	Peter Tae Woo Kim	Raleigh
	Stephen Augustus Kinard	Chester, PA
	Kimberly Dawn Kluckman	Fayetteville
	*Tracy Ann Ladue	Statesville
H	David Wayne Linzey	Blacksburg, VA
	Carol Ann Lowe	Greensboro
**	Sarah Joyce Maness	Greensboro
	Joy Lynn McElroy	Smithfield
H**	Kristin Lynn McKenzie	Bethania
	Christi Jean Meacombs	Raleigh
	Kristin Lee Mendorf	Raleigh
**	William Kenneth Miller	Asheville
	Manish Dhansukh Mistry	Charlotte
	Sharon Sharitha Mitchener	Columbia, SC
	William Paul Mitchum	Pittsboro
	Edward Scott Morrison	Pensacola, FL
	Elizabeth Grace Myles	Virginia Beach, VA
	Charles John Niemeyer, Jr.	Gastonia
**	Cynthia Ann Norris	Baltimore, MD
	Laura Christine Nutter	Charlotte
	*Lori Ann Patton	Clayton
†	Bastiaan Gerold Alexander Pennink	Fayetteville
	Rita Coley Person	Goldsboro
H**	Herbert Reiss Plauché	Baton Rouge, LA
	*Kamal Maganlal Ramani	Raleigh
**	Dana Michelle Reeves	Fayetteville
H	Elizabeth Anne Rourke	Hickory
†	Edward William Schettino	Greensboro
	*Kevin Charles Schrimper	Raleigh
	Kelly Elizabeth Sexton	Asheboro
H**	Sandra Ann Shealy	North Wilkesboro
**	Ann Marie Simmons	Mount Airy
**	Tonya Miguel Sipe	Winston-Salem
H**	Crystal Renee Smith	Havelock
H*	Katherine Beatrice Smith	Greensboro
**	David James Sniffen	Monroe
	*Charlene Andrea Spann	Advance
	Robert Mark Steffens	Cary
	Martha Nell Stephenson	Fuquay-Varina
H†	Leslie Michelle Sullivan	Jacksonville
	Gerald Bernard Taylor	Greenville
	Patrick Reed Terry	Winter Park, FL
	Kimberly Shirrell Thompson	Monroe

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

†David Brennen Throneburg	Southern Pines
Kimberly Noel Treat	Charlotte
George Wesley Tyler	Fayetteville
*Paul Edward Underwood	Goldsboro
*Robert Zachary Vinci	Binghamton, NY
*Shelly Lorraine West	Raleigh
Leslie Michelle Williams	Columbia, SC
Kristin Marie Yancey	San Diego, CA

School of Design



BACHELOR OF ARCHITECTURE

Degrees Conferred May 12, 1990

Robert David Appleyard, Jr.	Winston-Salem
Frank Ingram Ballard, Jr.	Wilmington
*John Clark Hipp	Charlotte
**Melissa Rae Holshouser	Sanford
Lisa Gardner Maune	Raleigh
Julie Marie McLaurin	Charlotte
*Christopher Alexander Rogers	San Francisco, CA
*Robert Franklin Smith	Wrightsville Beach
*Wojciech Szaszor	Gdansk, Poland
Eric Morgan Tjalma	Chapel Hill
Steven Andrew Triggiano	Raleigh
**Timothy Patrick Utecht	Satellite Beach, FL

BACHELOR OF ENVIRONMENTAL DESIGN

Degree Conferred June 27, 1989

***Mary Lou Herring	Fairmont
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Degree Conferred December 19, 1989

Christopher Allen Eselgroth	Rochester, NY
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Degrees Conferred May 12, 1990

*Alan William Cavallaro	Conover
Catherine Elizabeth Gibhardt	Greensboro
*Aly Gamil Khalifa	Greenwich, CT
**Laura Suzanne Lambie	Winston-Salem
*Amy Rebecca Milne	Morganton
**Sarah Davidson Mountjoy	Raleigh

†Co-major

*Cum Laude

**Magna Cum Laude

***Summa Cum Laude

Honors Program

BACHELOR OF ENVIRONMENTAL DESIGN IN ARCHITECTURE

Degree Conferred June 27, 1989

Hall Morrison Johnston IIICharlotte

Degrees Conferred August 9, 1989

*Kimberly Renee BrunkhurstSaugerties, NY
 Maria Katherina HuntRutherfordton
 Lisa Gardner MauneRaleigh
 Anthony Aaron PittmanHickory
 David Samuel RotmanAsheville
 Mark Alan StephensonPittsburgh, PA
 Michael Shane TottenBath
 *Steven Andrew TriggianoRaleigh

Degrees Conferred December 19, 1989

Souheil Salim Al-AwarRaleigh
 William Stuart ArmstrongRaleigh
 *John Natale BarbaraRaleigh
 Shelley Sanders FoleyRaleigh
 David Alan GieserDes Moines, IA
 **Barry Paul IcardConover
 †*Craig Christopher LewisBoiling Springs
 Jonathan William McComasBeaufort
 *Stephanie Ann MurrillWilmington
 **Kurt Edward SchwartzRaleigh
 †John TaboadaRockville, MD
 Michael Giles Van StaagenGreenville

Degrees Conferred May 12, 1990

Roy Lee AbernathyMorganton
 Amy Frances AllgeyerGraham
 Catherine Skelton BrowneMount Airy
 David Patrick BrysonCharlotte
 Robert James Carhuff, Jr.Fayetteville
 **Curtis Hoffmann ChiConover
 Jerry Darrell FinkSalisbury
 Stephen Ellis HalseyDurham
 Arthur William Francis Illingworth, Jr.Raleigh
 **Bronald Clay JohnsonWinston-Salem
 Tika Lucia JohnsonRaleigh
 John Phillip Kennett, Jr.High Point
 Esmeralda McMeansGoldsboro
 *Matthew Dale MessickGreensboro
 Amanda Andrews MuellerRaleigh
 Charles Martin NeeseWhitsett
 Myrna Amelia Olmos MunizSan Juan, Puerto Rico
 Griffith Anderson PearsonCharlotte
 Herbert Pearce Scott, Jr.Wilmington
 Dean Edward SmithSouthport
 *George Leonidas TsappasLimassol, Cyprus
 Thomas Forrest Van Keuren, Jr.Petersburg, VA
 *John William WrightGreensboro

†Co-major

*Cum Laude

**Magna Cum Laude

***Summa Cum Laude

H Honors Program

BACHELOR OF ENVIRONMENTAL DESIGN IN LANDSCAPE ARCHITECTURE

Degree Conferred June 27, 1989

**Nancy Ellen Eletto Raleigh

Degrees Conferred December 19, 1989

*Matthew Harman Allison Cleveland
 **Nicola Helen Godfrey Pound Ridge, NY
 *Jill Alison Schott Raleigh
 †John Taboada Rockville, MD

Degrees Conferred May 12, 1990

*Melissa Dalla Pozza Dean Raleigh
 ***Iana Joy Doherty Raleigh
 *Jennifer Lee Hooks Greensboro
 Alyn James Janis, Jr. Berlin, MD

BACHELOR OF ENVIRONMENTAL DESIGN IN PRODUCT DESIGN

Degrees Conferred June 27, 1989

*Amy Diane Coirer Washington
 Timothy Pinckney Fletcher Matthews
 *Brian Hargrove Leonard Durham
 Eric Morris Woodard Wilson

Degrees Conferred December 19, 1989

*Bryan Davis Ayers Kernersville
 *Julian Trapp Bryan Raleigh
 Robert Roger Lasson Raleigh
 †*Craig Christopher Lewis Boiling Springs
 Michael Robert Wells Raleigh

Degrees Conferred May 12, 1990

David Rutledge Giles Cary
 Guy Aloysius Marshall Wadesboro
 Geoffrey Earl McGhee Franklinton
 Michael Eugene Moon Graham
 David Gayland Surridge Fayetteville
 Alfred Reneau VanLandingham, Jr. Charlotte
 ***Stephen Elliott Wald Winston-Salem

BACHELOR OF ENVIRONMENTAL DESIGN IN VISUAL DESIGN

Degree Conferred June 27, 1989

Miren Terese Zubizarreta Caracas, Venezuela

Degrees Conferred August 9, 1989

Laura Marie Boone Raleigh
 Nicholas Paul Patella, Jr. Winston-Salem

Degrees Conferred December 19, 1989

Kathryn Michelle Brown Wilmington
 Dianne Elizabeth Fodrie Charlotte
 *Robert Bentley Graham Greensboro
 Don Houston Harris, Jr. Forest City

†Co major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

April Elaine Jones	Roanoke Rapids
Jamieson Elizabeth Lewis	Fayetteville
Teresa Elaine Mock	Raleigh
Brett Alan Poole	High Point
Christopher Austin Vice	Raleigh

Degrees Conferred May 12, 1990

Heather Anne Allen	Winston-Salem
*Wade Ferguson Dansby III	Chapel Hill
Andrea Lynn Duckett	Niagara Falls, NY
Katherine Lizbeth Fowler	Raleigh
***Rebecca Taylor Garrison	Rocky Mount
Lisa Lorraine Helms	Durham
Rodney Lane Holland	Newton Grove
Donna Marie Kanna	Lancaster, SC
James Brian Keller	Charlotte
**Timothy Dean Kirkman	Wingate
**Alison Grey Lackey	Hickory
***Asa Birgitta Nordin	Falun, Sweden
**Lynn Bullard Powell	Raleigh
**Tanya Ann Quick	Goldsboro
*Alan Keith Reische	Salisbury
Amanda Phyllis Williams	Walkertown
Nathaniel Williams, Jr.	Winston-Salem

College of Education



BACHELOR OF ARTS IN PSYCHOLOGY

Degrees Conferred June 27, 1989

Victoria Lynn Chesnutt	Elizabethtown
Katherine Anne Fleming	St. Petersburg, FL
Deanna Janell Hicks	Bunn
Catherine Denise Hord	Shelby
Robin Michele Knittel	Fairfield, CT
Michael Gerard Mersch	Cincinnati, OH
Gerald Franklin Redwine, Jr.	Cary
Victoria Eugenia Shaw	Kings Mountain
**Joan Annette Styles	Burnsville
**Kim Rosan Tousignant	Raleigh
Angela Lynn Wood	Vienna, VA

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

Degrees Conferred August 9, 1989

Amanda Wyatt Cutts	Cary
*William Timothy Dick	Cary
Stephanie Jo Irby	Silver Spring, MD
Robin Marie McGowan	Raleigh

Degrees Conferred December 19, 1989

Lee Chandler Bass	High Point
Kathryn Lynn Bell	Virginia Beach, VA
Toby Bruce Brannan	Goldsboro
Yvon Cole Colgan	Cary
*Virginia Ann Edwards	Fayetteville
Kevin Wade Green	Apex
Harvey Glenn Langston III	Raleigh
***Joseph Clair McClintock	Raleigh
Mary Elizabeth Pace	Jacksonville
Donna Kaye Smith	Kinston
Elizabeth Ann Smith	Monroe
***Scott Alan Smith	Durham
Terry Lynch Taylor	Sanford
Audrey Dawn Turnley	Rocky Mount
Alice Wilson Walker	Cary

Degrees Conferred May 12, 1990

Craig Thomas Barber	Durham
Eric Randall Beacham	Yaupon Beach
Gena Denise Bos	West Palm Beach, FL
*Caroline Marcia Brooks	Concord
*Kathleen Elizabeth Chipley	Warrenton, VA
Hope Yvette Clark	Winterville
Ginger Diane Cockrum	Winston-Salem
Shannon Lea Cunningham	Chapin, SC
Linda Susan Donovan	Cary
William Ervin Duckworth, Jr.	Meadow, PA
**Tina Gaye Fletcher	High Point
Sandra Lucille Franklin	Greenville, SC
Laura Rae Green	Pittsboro
H*Sumedha Gupta	Raleigh
Lisa Marie Higdon	Ellicott City, MD
*Teresa Dent Hill	McLeansville
Robin Elaine Howell	New Bern
**Richard Allen Masi	Danbury, CT
**Lori Rose Moore	Cary
**Shari Lynn Murner	Fayetteville
**Carolina Ordenez	Columbia, MD
†Bastiaan Gerold Alexander Pennink	Fayetteville
Shannon Elizabeth Perry	Raleigh
Michael Joseph Pigliacelli	Williamston, NJ
Diane Lynn Prosser	Huntsville, AL
Patricia Ann Quinn	Sanford
Logan Lester Rothstein	Raleigh
Jennifer Marie Seymour	Fayetteville
*Rachel Janice Spangler	Monroe
†Leanne Stepanovich	Altoona, PA
Cynthia Sherrill Strickland	Durham
*Debbie Lynn Strickland	Middlesex
Charles Rush Taylor	Linville
*Ross Carlyle Teague	High Point

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

H Evan Eugene Upchurch	Maggie Valley
***Mary Anna Willingham	Kenansville

BACHELOR OF SCIENCE IN EDUCATION

Agricultural Education

Degree Conferred June 27, 1989

Anna Marie Gerringer	Gibsonville
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Degree Conferred August 9, 1989

**Chester Bryan Hooten	La Grange
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Degrees Conferred December 19, 1989

Timothy Van Cooke	Mount Airy
*Gina Laraine Moxley	Boonville
Curtis Keith Whitley	Hays

Degrees Conferred May 12, 1990

Caswell Hobson Booe	Yadkinville
***Troy Eugene Coggins	Denton
Terry Wayne Currin	Lillington
Gregory Albert Davis	Vale
***Margaret Donohue Hardin	Hillsborough
Jacqueline Ussery Morgan	Star
Wendy Sue Norris	Garland
*Ricky Joe Warren	Clinton
John Kinder Watlington	Yanceyville
Warren Albert Williams	Benson

General Studies

Degree Conferred June 27, 1989

Cassandra Patrice Spears	Washington, DC
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Degrees Conferred December 19, 1989

Chris Johnson	Beaufort
Katherine Capers Lipscomb	Auburn, AL
Melissa Ann Seaboldt	Reidsville

Degrees Conferred May 12, 1990

Andrea Lawrence	Cape Vincent, NY
Rhonda Kay Ragland	Brevard
Charise Ovalle Roberts	Dudley
Angela Lee Shook	Advance
Joseph Timothy Warren	Roanoke Rapids

Health Occupations Teacher Education

Degree Conferred June 27, 1989

**Rhea Tyler Carey	Detroit, MI
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Degree Conferred August 9, 1989

***Linda Karhofer Rogers	Raleigh
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† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Degrees Conferred December 19, 1989

*Judy Ernst Haynes	Sanford
***Cynthia Thiele Long	Fuquay-Varina
*Linda Allison Rabon	Garner
**Kimberly Ayscue Thomas	Henderson

Degrees Conferred May 12, 1990

*Bridget McCafferty Barry	Buffalo, NY
**Dana Poovey Caffey	Raleigh
***Danny Lee Campbell	Durham
***Teresa Creech Campbell	Raleigh
***Rita Mitchell Criswell	Cary
***Marilyn Miller Davis	Raleigh
Pamela Lynne Morrison	Goldsboro
*Debra Elaine Viands	Williamsport, MD

Industrial Arts Education

Degree Conferred December 19, 1989

*Karl Frederick Smink	Raleigh
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Degrees Conferred May 12, 1990

*Michael Robert Batchelor	Zebulon
Charles Brent Boone	Charlotte
**James Douglas Caliri	Wayne, NJ
Gregory Grady Gambill	Piney Creek
William Edward Mingin, Jr.	Smithfield, VA
**Harden Ricci	Cary
David Jeffrey Scott	Kinston
Maurice Julian Teague	Bennett

Marketing Education for Teachers

Degrees Conferred May 12, 1990

Melea Lemon Bryan	Cary
†Sandra Joette Thomas	Pittsboro
Koren Leah Wilkerson	Raleigh

Mathematics Education

Degrees Conferred December 19, 1989

**Cynthia Whyte Bothwell	Durham
Brian Lee Chapman	Lake Toxaway
*Marsha Leigh Crispin	Creswell
Michael Nolan Davis	Winston-Salem
*Kelly Patrick Fitzgerald	Green Bay, WI
**Margery Leigh Hollis	Charlotte
Sun Joo Kim	Fayetteville
*Todd Allen Moore	Reidsville
Tracy Norman Patrum	Mount Pleasant
Tracy York White	Evanston, IL

Degrees Conferred May 12, 1990

***Mark William Boyce	Monroe
Darla Jean Brock	Kenansville
†**Paula Berry Frazier	Fayetteville
*Sandra Fay Futris	Fayetteville

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Joseph Matthew Guthrie	Harkers Island
Holly Maria Ivey	Proctorville
*Kimberly Ann Juliano	Florham Park, NJ
*Karen Ann McLennan	Charlotte
Pamela Sue Overcash	Gastonia
Laura Terry Owen	Oak Ridge
**Malinda Jane Piland	Mebane
*Donna Lynne Shook	Advance
Evelyn Marley Smith	Greensboro
**Maria Del Carmen Viego	Wilmington
Brian Todd Wells	Mebane

Mathematics Education, Middle Grades Concentration

Degrees Conferred May 12, 1990

Bethany Jo Freeman	Raleigh
Meredyth Neil Haigler	Monroe
**Rosemarie McDowell Wilkerson	Roxboro

Middle Grades, Language Arts and Social Studies Concentration

Degree Conferred June 27, 1989

Darah Paige Harris	Raleigh
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Degrees Conferred December 19, 1989

Julia Hanna Atkinson	High Point
Julia Ann Hartwell-Ducatte	Raleigh
**Melissa Ann Isaacs	Pinnacle
Michael Allen Milligan	Washington
Sylvia Nani Swertfeger	Smithfield
Molly Lynn Ward	Advance
*Juliana Whitford	Broadway
Mark Charles Williams	Reidsville

Degrees Conferred May 12, 1990

Martha Williams Bryan	Rocky Mount
Jennifer Jane Dorman	Fayetteville

Middle Grades, Mathematics and Science Concentration

Degree To Be Conferred May 12, 1990

Leslie Yvonne Stone	Burlington
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Science Education

Degrees Conferred December 19, 1989

James Anthony Barbara, Jr.	Raleigh
Anna Demetrius Beamer	Fuquay-Varina
*Donna Katherine Boyd	Waynesville
Charles Smith Dunlop III	Brevard
*Angela Hypes Garver	Garner
Bradley Dean Hoyle	Cherryville
Kevin Dion Jones	Franklinville
†Suzanne Marie Leach	Burlington
**Louise Roth McKeand	Raleigh
Melanie Jones Williams	Oxford

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

Degrees Conferred May 12, 1990

***Melissa Ann Ballington	Cary
†***Robert Kevin Blackburn	Roseboro
†Edward Clark Farr, Jr.	Charlotte
John Thomas Otstot	Raleigh
Joan Marie Reavis	Kings Mountain
†Kelan Noel Rogers	Salisbury
†**Christina Marie Whitley	Havelock
**Amy Louise Wood	Clayton
†Janet Lynn Young	Raleigh

Technical Education

Degree To Be Conferred May 12, 1990

John David Kirkley	Raleigh
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College of Engineering



BACHELOR OF SCIENCE IN BIOLOGICAL AND AGRICULTURAL ENGINEERING

Jointly administered by the College of Agriculture and Life Sciences and the College of Engineering.

Degrees Conferred June 27, 1989

Bobby Alan Cunningham	McLeansville
John Taylor Kittrell	Corapeake

Degree Conferred August 9, 1989

Maxwell Raye Fowler	Cashiers
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Degrees Conferred December 19, 1989

Michael Poindexter Dixon, Jr.	East Bend
Keith Mack Roberts	Fayetteville

Degrees Conferred May 12, 1990

*Peter James Crawford	Chapel Hill
John Dean Metcalfe	Hendersonville
Byron Glenn Moore	Nashville
*Randall Keith Page	Elon College

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

BACHELOR OF SCIENCE IN TEXTILE ENGINEERING

Jointly administered by the College of Textiles and the College of Engineering.

Degrees Conferred December 19, 1989

Robert Jay Bender	Fayetteville
†Stephan Max Bollinger	Spartanburg, SC

Degrees Conferred May 12, 1990

*Jinan Glasgow Bennett	Raleigh
Sherry Leslie Coonse	Granite Falls
*Nancy Marchele Evans	Wilson
Jennifer Rae Hash	Hope Mills
Brian Cletus Huss	Lincolnton
John Paul Knorr	Raleigh
Arleen Michelle McCoy	Goldsboro
John Timothy Roberts	Burlington
Robert Thomas Snyder, Jr.	Wilmington
†**Jane Elizabeth Stover	Charlotte

BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

Degree Conferred June 27, 1989

**Jay Dale Hardin	Havelock
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Degree Conferred December 19, 1989

**Ian Todd Gallimore	Kannapolis
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Degrees Conferred May 12, 1990

Jeffrey Todd Antley	Cary
***John Lewis Avent	Kingstree, SC
**Robert Albert Baurle	Havelock
Kenneth Irving Beaty	Statesville
Douglas Philip Bell	Brevard
Robert Arthur Bendl	Spokane, WA
Steven Kelly Bordeaux, Jr.	Richmond, VA
***Frank Joseph Brauns	Pleasant Garden
Inho Edward Choi	Greensboro
Kevin Alan Conner	Hendersonville
Glen Patrick Doggett	Raleigh
Glynn Edward Fouche III	Greensboro
Nathan Micah Gittner	Charlotte
***David Bryan Hash	Boone
Thomas Marshall Hedrick	Thomasville
**Alan Douglas Hoffer	Titusville, FL
Christopher Scott Holder	Aberdeen
Kevin Scott Ingram	Kings Mountain
*Randell Allen Ketchie	Statesville
**Michelle Nickerson Laur	Raleigh
*Joseph Wayne Lockwood	Orlando, FL
Norman David Merritt	Roanoke Rapids
***William Edward Milholen II ..	Asheville
*Mark Allen Morris	Durham
Phi-Dung Hoang Nguyen	Charlotte
*Gregory Warren Page	Lake Elsinnore, CA
**Joel Eric Pierce	Canadaigua, NY
Hughart Osworth Clayton Roberts ..	Charlotte

†Co major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

*Theodore Scott Ruta	Titusville, FL
Ashley Drew Salter	Jacksonville
*Drew Crawford Smith, Jr.	York, PA
**Rebecca Lynne Squires	Greensboro
*Wade Allan Stone	Baker, OR
*Michael David Todd	Burke, VA
**Terry Wayne Young	Leland

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Degrees Conferred June 27, 1989

†Andrew Bernhard Gloster	Greensboro
***Christopher Andrew Mastro	Chester, VA
Scott David Siegel	Jamestown
†William Scott Troutman	Florence, SC

Degree Conferred August 9, 1989

Maresa Thompson Williamson	Eureka
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Degrees Conferred December 19, 1989

Angela Faye Bagley	Dudley
**Johan Bo Bergenholtz	Raleigh
Robert Wade Harris	Vidor, TX
Gregory Bryant Hinnant	Kenly
William Edward Knighten	Rose Hill
Michael James Ledford	Canton
Monica Diane Little	Charlotte
**Barbara Ann Ludwig	Tell City, IN
*Debora Jean Massey	Roanoke Rapids
†Thomas Richard Olsen	Wilmington, DE
Derek Scott Owens	Gloucester, VA
Tuan Thanh Phan	Fayetteville
Jack Leonard Robinson	Elkin
†Andrew Robert Romano	Greensboro
William Steven Serletis	Houston, TX
Edward Thomas Sharpe, Jr.	Fountain
Renee Steelman	Kernersville
Timothy Kadez Wilde	Brevard
*James Michael York	High Point

Degrees Conferred May 12, 1990

†Matthew Wilson Barbour	Raleigh
*Carol Lynn Barnes	Kinston
Kutota B. Basisa	Kinshasa, Zaire
Alana Daryl Beard	Fayetteville
Allyson Blaney Bell	Manteo
*Timothy Aaron Boone	Marion
*Thomas Eric Brna	Cary
Carolyn Ann Bruce	Wilmington
Martha Anne Buchanan	Rockville, MD
***Kathleen Elise Cannon	Centreville, VA
**Teresa Lynette Cheek	Burlington
*Roy Lawrence Cox	Kinston
*Cynthia Paige Dawson	Kinston
Herbert Taylor Dixon, Jr.	Eure
**Jeffrey Raymond Dugas	Charlotte
**Betty Lou Gatano	Henderson
Kevin Aronhalt Hallstrom	Huntington Beach, CA

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

†***Scott Alexander Hamilton	Clyde
George Julius Joncas	Rockingham
Christopher Thomas Kochanowicz	Southmont
Karen Jane Leadbetter	Chapel Hill
***Hazel Benton Matthews III	Durham
*John Thomas McLean	Denver
Amanda Gayle Monroe	Trinity
†Heidi Lyn Musser	Clifton Forge, VA
Nancy Jane Neely	Telford, PA
Pamela Norene Orr	Charlotte
*Christian Popa	Raleigh
Brian Douglas Potter	Indianapolis, IN
*Miriam Graham Preston	Winston-Salem
†Thomas Dieter Rathke	Charlotte
John Edward Reardon III	Salisbury
***Bodie Marie Roberts	Tarboro
***Mark Harold Smith	Shelby
†**Steven Wayne Smith	Waynesville
*David Eugene Thompson	Cary
†**Ronald Bowman Tucker	Browns Summit
**Joost Frans Van Haaren	Raleigh
*James Thomas Weidner	Wilmington
**Michelle Marie White	Durham
*Mark Hanson Wollum	Raleigh

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Degrees Conferred June 27, 1989

James Franklin Croom	Kinston
*Barbara Allen Doll	Currituck County
Paul Norman Hansen	Monroe, CT
Christian Todd Ray	Raleigh
Mark Lantz Reep	Kings Mountain
**Alicia Elizabeth Speight	Greenville
Theresa Ann Turner	Hillsborough

Degrees Conferred August 9, 1989

David Ross Loutzenheiser	Morris Plains, NJ
*Michael William Wolz	Wilmington

Degrees Conferred December 19, 1989

Joseph Walter Bailey, Jr.	Wilson
Mitchell Thomas Bowyer	Whitsett
Lloyd DeWayne Brown	Leicester
James Scott Cole	Charlotte
*Christopher Gray Creed	Dunn
Kimberly Jace Drew	Whiteville
***Margaret Patricia Fels	Raleigh
Frank Fitzler Fleming	Manson
Gregory Raymond Follmer	Charlotte
Carmelo Gibilaro	Burlington
Todd Allan Graham	Cleveland
Philip Sousa Harris III	Washington
Ronald Perkins Hendricks, Jr.	Edenton
Kevin Eugene Herring	Monroe
William MacArthur Hines, Jr.	Rocky Mount
Derek Arthur Hodgins	Chelsea, MI
Paul Wayne Hungerford, Jr.	Wilmington

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Paul Robert Koch	Oak Ridge, TN
Paul Anthony Lampley	Cary
Edward Franklin Lewis	Randleman
Michael Charles McPherson	Raleigh
Jerry Wayne Moorefield	Sandy Ridge
Charles William Moyers	Spring Lake
Michael Dalton Patterson	Lexington
Thomas Gordon Payne	Madison
Mary Frances Poteet	Morganton
Kenneth Ray Riggsbee II	Chapel Hill
Philip Roger Schwab	Rockingham
*Trent Coleman Sherrill	Winston-Salem
Myron Christopher Spainhour	Raleigh
Marie Lessell Umphlett	Washington
Huong Van Vu	Raleigh
Kenneth Lee Wrenn	Roxboro

Degrees Conferred May 12, 1990

Christa Lynn Atkins	Greensboro
John Riddick Barber	Roanoke Rapids
Donald Reyes Bennett	Four Oaks
Kevin William Bisby	Raleigh
Timothy Michael Boland	Charlotte
Haywood Daniel Bowden	Benson
John Lance Covington	Pilot Mountain
Gregory Wayne Cox	Kinston
Robert Bonniwell Deal III	Winston-Salem
Kevin Dillahunt	Fayetteville
Barry Bryan Edwards	Raleigh
John Franklin Fishburne	Charlotte
André Raymond Fontiane	Oakton, VA
Matthew Day Foster	Cary
JoAnn Claire Giglio	Albemarle
Tyson Alexander Graves	Charlotte
William Lacy Haas	Mount Airy
Gretchen Ann Hobbs	Hobbsville
*Shannon Michelle Miller Houston	Cary
*Carl Clinkscales Huddle	New Bern
**Theresa Ann Hurban	Fayetteville
Jonathan Paul Ingram	Greensboro
Wanda Melvin James	Wilmington
Peter Guthrie Jernigan, Jr.	Fayetteville
Charles Astor Johnson III	Nashville
James Timothy Jordan	Charlotte
Gregory Andrew Kempf	Raleigh
John Brown Kimberly IV	Greenville
Shannon Lee Lasater	Burlington
Darrell Delaney Leonard	Rocky Mount
Timothy Maxton Little	Kenly
**James Allan Lowe	Batavia, NY
**Frances Elaine Manning	Raleigh
Laura Lyn Mathias	Matthews
Leo Thomas Mazzocchi	Cary
Eric Braswell Nelson, Jr.	Morehead City
John Frederick Oerter	Kernersville
Anna Currin Pennisi	Raleigh
James David Rogers	Raleigh
Thomas William Rose	Charlotte
John William Rouse	Grifton

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Jeffrey Lee Sasser	Durham
Cynthia Ann Satterwhite	Winston-Salem
Brian Keith Skinner	Wilson
William Taft Stephens, Jr.	Fayetteville
Scott Ashley Stevens	Cary
Michael Glenn Taylor	Beaufort
Kumar Ambelal Trivedi	Raleigh
James Christian Turley	Greensboro
**William Herbert Turner, Jr.	Charlotte
Nathan Alan Vannoy	Lenoir
Bobby Lee Walston	Tarboro
Amy Lynne Watters	Charlotte
Gerald Martin Wynn, Jr.	Sanford

BACHELOR OF SCIENCE IN CIVIL ENGINEERING— CONSTRUCTION OPTION

Degrees Conferred August 9, 1989

Dan Daley Beauchamp	Garner
John Arthur Dilworth	Greensboro
Jeffrey Lee Herron	Whittier
Julius Brown Kachmer	Raleigh

Degrees Conferred December 19, 1989

Brian Martin Alligood	Plymouth
David Walton Bass	Lucama
Joseph Randall Carraway	Farmville
Donald Thomas Childrey	Burlington
Randall Corey Dishmon	Eden
Jon Christopher Ford	Raleigh
Joseph Randall Hopkins	Eden
Oral Lee McGirt	Fayetteville
Steven Thomas McGugan	Durham
***Scott Ernest Rushing	Monroe
Charles Adrian Schoonover	Cape Carteret
Marc Thomas Shown	Winston-Salem
Darrow Mitchell Smith	Norwood
Anthony Dean Tyndall	New Bern
Jerry Glenwood Whittington, Jr.	Raleigh
Richard Kevin Williams	Raleigh
**Kelly Wayne Winkler	Hudson
Richard Henry Wyatt II	Newton

Degrees Conferred May 12, 1990

David Baxter Black	Lexington
Roney Bryant Bunn III	Wilson
Donal Kevin Dennis	Burlington
Barry Todd Greeson	Thomasville
Troy Richard Huddle	Shallotte
Donald Grey Lloyd, Jr.	Raleigh
Ronald Joe Long, Jr.	Gastonia
**Lowell Dean Mason II	Grestview, FL
Veronica Sirllethia McGriff	Charlotte
Kirk William Rightmyer	Roanoke Rapids
David Joseph Seneres	Garner
Paul Alexander Stimpson	Pfafftown
Jonathan Scott Thompson	Goldsboro

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

Spencer Drew Walker	Mill Springs
Jón Marc Wallace	Zebulon

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Degrees Conferred June 27, 1989

Marvin Joseph Matthews	Kittrell
James Aubrey Savage III	Raleigh

Degrees Conferred August 9, 1989

Eric Ernest Edwards	Apex
†Karen Alice Holland	Cary
*Robert Edward Jeter, Jr.	Asheville
Norman Longson Nguyen	Charlotte

Degrees Conferred December 19, 1989

Michael Jerome Batts	Tarboro
Scott Eoae Blair	Lenoir
†*Tuan Quang Le	Greensboro
†Curt Steven McVey	Graham
†*Edward Louis Ostrosky	Fairfax, VA
Thomas Bertil Remahl	Charlotte
†Inder Kumar Sharma	Dekalb, IL
Mark James Walker	Charlotte
†Daren Kirby Williams	Pfafftown
***Sue Oi Yee	New Bern
James Arnold Young	Cary

Degrees Conferred May 12, 1990

Carl Anthony Bartz	Raleigh
Scott Robert Brown	Asheboro
Donna Elizabeth Carter	Charlotte
George McArthur Clubb II	Bessemer City
†***George Eric Hague II	Wilkesboro
Claude Michael Hargrove	Fayetteville
†Kay Norbert Hill, Jr.	Lexington
*Kevin Daniel Houser	Lincolnton
†*Robert Christopher Lamb	New Bern
†***Joseph Norman Morris	Winston-Salem
†***Gary Christopher Moyer	Virginia Beach, VA
*Kimberly Adams Newnam	Cary
Quyen Bui Nguyen	Cary
Thomas Spencer Pangborn	Rockingham
Davor Antonio Pavisic	Cochabamba, Bolivia
†Paul Anthony Pavlides	Durham
Heerad Sabeti-Rahmati	Fayetteville
***Darren Arthur Shakib	Lexington, KY
†Jason Ryan Sharpe	Charlotte
John DeWayne Sims	Steelton, PA
Kevin Timothy Smith	Charlotte
†Mabel Yvette Watson	Smithfield
†**Margaret Ann Woodlief	Raleigh

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Degrees Conferred June 27, 1989

Mohammad Arshed	Eden
*Lawrence Edward Goss	Rochester, NY
*Fernando Carlos Killian	Buenos Aires, Argentina
Keith Allen Leister	Boyertown, PA
***James Eric Weller	Charlotte
Scott Lewis Wilkins	Kinston

Degrees Conferred August 9, 1989

Robert John Andersen	Cary
James Anthony Boyd	Sedalia
Walter Frederick Carlsten, Jr.	Lewes, DE
Videsaha Chhabra	Raleigh
Glenn Joseph Clingroth	Fallston, MD
Albert Benjamin Cohen	Las Vegas, NV
Robert Gray Cole	Durham
**William Andrew Cook III	Hickory
Ronald Wayne Davis	Cary
Scott Brannon Greer	Matthews
**Lyu-Dan Louise Gung	Taiwan, Republic of China
Brett Smith Hatcher	Apex
Kevin Brian Haverlock	Raleigh
Benjamin Si-Lun Lau	Hong Kong
Patsy Loraine Lohr	Lexington
**Jon Mark Mendenhall	Des Moines, IA
***Pryor Reynolds Millner V	Mooreville
Jayesh Ramesh Patel	Charlotte
*Kartik R. Patel	Franklinton
**Diane Gail Schlotfeldt	Winston-Salem
Christopher David Snipes	Staley
Tommy Michael Tillman	Carthage
Khristi Ann Tomlinson	Raleigh
†***Deanna Carol Williams	Arden

Degrees Conferred December 19, 1989

Michael Gary Anderson	Winston-Salem
William Thomas Arnette, Jr.	Raleigh
James Tobias Auslander	Baltimore, MD
Debra Marie Bailey	Chula Vista, CA
Sanjeev Banerjia	Bihar, India
Kevin Bernard Belton	Charlotte
**Lisa Helene Bloom	Havelock
Christopher Owen Bransford	Greensboro
Carol Lynne Brown	Chapel Hill
Robert C. Carlyle, Jr.	Fayetteville
Bunie Northcutt Deyo	Cary
Brian Keith Durham	Durham
Kenneth Nelson Ellis	Raleigh
William Kyle Fidler	Charlotte
Richard Jesse Galler	Raleigh
Kristen Marie Geppert	Manopac, NY
***Karen Michelle Grady	Raleigh
*Paul Frederick Greene	Swannanoa
Nancy Jacqueline Griffin	Lima, Peru
**James Mark Holt	Burlington

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

David Michael Hope	Raleigh
Douglas Wayne Houck	Charlotte
Michael E. Huska	Asheville
Jonathan Quay Kenney	Cary
Jonathan Lee Kerfoot	Rural Hall
Gary Steven Koontz	Winston-Salem
*Timothy Kent Lowman	Valdese
Rocky Dean McMahan	Lexington
Mark Edward Medlin	Fuquay-Varina
David Lee Motsinger	Forest City
Tom Thuong Nguyen	Greensboro
Daniel Patrick O'Connor	Raleigh
*Donald Griffin Page	Raleigh
***Bernie Paul Pearce	Selma
Alkesh B. Shah	Lumberton
Stephanie Michelle Shaw	Springfield, VA
Paul Christopher Sherman	Charlotte
*Robin Marie Sloan	Morrisville
Timothy Patrick Sullivan	Loami, IL
Binh-Minh Thi Tran	Greensboro
Scott Wilburn Turner	Knightdale
*Robert Thomas Uthe	Shelby
Henry Edward Vail, Jr.	Garner
Thad Mario Welch	Fayetteville
David Ward Whitlock	Concord
Debra Jan Willis	Vale
***Thomas Allan Wrather	Hendersonville, TN
***Helen Hopson Yokeley	Wendell
***Pamela Denise Young	Raleigh

Degrees Conferred May 12, 1990

Akram Abdulah Abboud	Damascus, Syria
***Alan Gray Bishop	Raleigh
David Mitchell Bowman	Murraysville, PA
Linda Ann Brady	Greensboro
Wen-Wen Chang Chi	Chapel Hill
Mary Michele Clatworthy	Raleigh
Margaret Evelyn Cuning	Charlotte
Fonda Jonette Daniels	Winston-Salem
***Duane Allen DeCapite	Charlotte
Malini Desai	Lusaka, Zambia, Africa
*John Horton Dowdy, Jr.	Middlesex
Carl Addison Ely	Winston-Salem
**Timothy Earl Figgins	Raleigh
***Jeffrey Alan Glasser	Raleigh
**James Russell Godwin	Rocky Mount
Jeffrey Neal Godwin	High Point
Peter Thomas Goeller	Raleigh
Norman Bo Graham	Raleigh
*Beth Renee Gunderson	Raleigh
†**Stephen David Hensch	Raleigh
Stacy Alise Hilliard	Baltimore, MD
**Laura Dawson Hocutt	Raleigh
Debora Frisbee Houck	Raleigh
*Denise Jane Ingram	Greensboro
*Janet Kimberly Kilgore	Cary
***Timothy Marshall Klein	Wilmington
Cynthia Marie Knowles	Raleigh

† Co major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Gerrit Jon vanWeerden Koetse	Yorktown Heights, NY
Janet Meryl Leake	Cary
John Jake Lomick, Jr.	Bessemer City
Rodney Len Longworth	Winston-Salem
John Rayvon Lucas, Jr.	Albemarle
Deborah Ann Mack	Cary
Bernard Joseph Moussa	Beirut, Lebanon
Candace Lura Olive	Apex
*Kenneth James Parzygnat	Raleigh
**Brian Keith Pearce	Durham
Mette Marie Pederson	Raleigh
Basil Shukri Qubain	Raleigh
**Rodney Ray Rymer	China Grove
James Christopher Saunders	Newark, DE
Douglas Michael Seay	Cary
Todd Gunter Sorrell	Benson
Rama Devi Tenjarla	Raleigh
Hsiu-chi Tsui	Charlotte
Joseph McClain Tyson	Havelock
Michael Stanley Woods	Catawba

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

Degree Conferred December 19, 1989

Sheila Monique Wright	Brown Summit
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Degree Conferred May 12, 1990

Richard Taylor Puckett, Jr.	Oxford
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BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Degrees Conferred June 27, 1989

*Hal Anthony Aldridge	Garner
Gregory Rodolph Gibbs	High Point
**Quy Ngoc Hoang	New Orleans, LA
*Terese Anne Marsico	Cary
William Harford Quaintance III	Raleigh
Eric Keith Rookard	Fairforest, SC
Julius Edward Stegall	Oxford

Degrees Conferred August 9, 1989

Fred Alexander, Jr.	Charlotte
†Christopher Walon Apple	Greensboro
Howard Ray Beasley	Benson
Bryan Scott Butler	Charlotte
Daniel Timothy Cockerill	Asheboro
Kimberly Lynn Jones	Candler
Chiu-Hsiung Kao	Taipei, Taiwan
Mark Boyd Kissel	Fuquay-Varina
John Andrew Morehart	Rocky Mount
†Norman Longson Nguyen	Charlotte
Quyen Bui Nguyen	Cary
Suthichai Sing Nolpho	Portsmouth, NH
Michael Dexter Reid	Myrtle Beach, SC
Wayne Joseph Rosa	Salisbury
Warren Ashley Sears	Greensboro
Jeannette Beatrice Smith	Raleigh

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

William McKinley Staggs, Jr.	Shelby
Charla Diane Stirewalt	Weaverville
†***Deanna Carol Williams	Arden

Degrees Conferred December 19, 1989

***Michael Eugene Bailey	Salisbury
Gurth Christopher Baron	Waynesville
Brent William Blunden	Chapel Hill
Dwayne Dale Bost	Hampstead, MD
*William Creed Boyce	Charlotte
*Kevin Pershing Braswell	Smithfield
***Randall Glenn Bright	Sanford
Gregory Howard Brynildsen	Durham
William Adrian Buie, Jr.	Garner
Tariq Khan Burki	Durham
*Warren Stephen Burnside	Belfast, North Ireland
Ronald Rock Caplette	Hickory
Ross Allen Carevic	West Chester, PA
Steven Ray Carr	Greensboro
Orlando Yves Carter	Stedman
Rituraj Chauhan	Richmond, VA
Anthony O'Neil Copeland	Warrenton
**Michael Brian Creech	Concord
Dennis Edward Daily	Hagerstown, MD
Gary Shawn Daniels	Wilmington
Charles Donald Davis, Jr.	Pickens, SC
*Rodney Scott Daw	Goldsboro
*Michael Paul Dean	Ellicott City, MD
Nelson Eggleston	Marquette, IA
**James Paul Eno	Warwick, RI
†Carlos Enrique Farrington	Guatemala, Guatemala
Wesley Dean Faulkner	Charlotte
Jay Alexander Felker	Winston-Salem
William Michael Geer	Charlotte
James Everett Gill	Charlotte
*Michael Troy Gurkin	Winston-Salem
Elizabeth Ann Gwyn	Wilmington, DE
Kurt Alan Habecker	Memphis, TN
Joseph Tracy Hester	Kernersville
Naji Mahmoud Hilal	Kornayel, Lebanon
Daniel Joseph Hogan III	Edenton
Karen Alice Holland	Cary
*Mark Len Howard	Salisbury
Thao Cong Huynh	Charlotte
Brian Robert Klaphar	Raleigh
David Alvan Krause	Greensboro
Abdullah Omar Labbad	Raleigh
Gary Michael LaFleur	Charlotte
Keith Wayne Landreth	Winston-Salem
†Tuan Quang Le	Greensboro
Chien-Wei Lee	Taiwan, Republic of China
Lian Toh Lee	Senjarom, Malaysia
Michael Joseph Lewis	Leland
Christopher Stephen Locklear	Pembroke
Harold Michael Long, Jr.	Tarboro
Clint Monroe Lowry	Pembroke
Robert Scott Marchant	Ellicott City, MD
Lynwood Gilmore McCoy, Jr.	New Bern
†Curt Steven McVey	Graham

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

*James Erskine Mitchell, Jr.	Stanley
Milton Thomas Mooring, Jr.	Snow Hill
Tori Marie Morhard	Elizabeth City
Kenneth Ray Moss, Jr.	Whiteville
Thanh-Binh Ngoc Nguyen	Harrisburg
Berjoe Simplina Occena	Windsor
†Edward Louis Ostrosky	Fairfax, VA
Walter George Pelkey	Norfolk, NY
Jay Edward Polo	Big Flats, NY
Jeffery Allan Priddy	High Point
Mouli Raman	Raleigh
*Christopher Scott Reid	Endwell, NY
John Charles Rinehart	Dunkirk, MD
Michael Scott Rooney	Wallingford, CT
Ali Soheil Sadri	Tehran, Iran
Thomas Alex Scotton	Staley
**Maryam Shamsjodany	Isfahan, Iran
*Steven Frances Shannon	Wake Forest
†Inder Kumar Sharma	Dewalb, IL
Donald Gene Sharpe	Rocky Mount
Jeffrey Mark Shaver	Concord
Nancy Catherine Shaw	Mount Olive
Simon Honman Sin	Hong Kong
Francis Edward Skinner	Candler
Paul Vincent Steininger	Asheville
Denis Gynorris Suggs	Kinston
Ali Asghar Tarighatjoo	Kerman, Iran
*William Terry Tidwell	Augusta, GA
Nikita Kumari Vyas	Raleigh
Michael Theodore Waters	Raleigh
Dennis Charles Wilkerson	Salisbury
†Daren Kirby Williams	Pfafftown
Fredrick Albert Woolard	Canoga Park, CA
Paul Mark Yanik	Asheville
Neil Woody Yeargin, Jr.	Dunn
*Yousef Mohamad Zaatar	Leicester

Degrees Conferred May 12, 1990

Tuhina Aggarwal	Cary
Donald Roger Aldridge	Shaw AFB, SC
Owen Mark Allen	Wilmington
*Scott Frederick Andrus	Hendersonville
Derek Durrell Ballard	Pfafftown
Elizabeth Beauchamps	Miami Lakes, FL
*William Carlyle Beerman	Charlotte
**Mikeal Scott Bolick	Winston-Salem
*Karim Samy Mina Boutros	Alexandria, Egypt
**Michael James Brack	Kingston, NY
Douglas Wayne Brott	Asheville
*Donna Lynn Brown	Washington
Matthew David Burselon	Barnardsville
*Patsy Yvonne Cannon	High Point
***Daniel Walter Carlson	Raleigh
David Hudson Carter	Burlington
Yogesh Trikam Chavda	Manama, Bahrain
**Audrey Don Chavis	Pembroke
*Philip Dean Chelf	Fayetteville
Donald James Clark	Horseheads, NY
**Anthony Ray Cockerham	Rural Hall

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

**James Robert Crenshaw, Jr.	Wilmington
Ronald Francis Curl	Mebane
**Joseph Carl Davis	Newport
***Wynand Crawford DePuy	Charlotte
Van George Diatzikis	Concord
Michael Sean Doggett	Raleigh
Randell Coye Durham	Clayton
†***David Brian Eason	Durham
**Mark Alan Enyedi	Kinston
***William James Farlow	Sophia
Paul Edward Fetzer	Morehead City
Shawn O Flynn	Midway Park
**Eric Stafford Grant	Burlington
*David Allen Guthrie	Kinston
Jonathan Hyang-Su Ha	Fayetteville
Thomas Mark Hadley, Jr.	Raleigh
†***George Eric Hague II	Wilkesboro
Damon Bernard Harley	Fayetteville
***Reid Vick Harris III	Seaboard
Brandon Lyle Hill	Trinity
**Edward Barry Hill	Charlotte
†Kay Norbert Hill, Jr.	Lexington
Charlton Richard Hirsch	Philadelphia, PA
***David James Holcombe	Raleigh
**David Michael Houck	Raleigh
Sonetra Anne Howard	Waynesville
Julie Lynn Jenkins	Charlotte
Paula Kay Jimison	Charlotte
Gary Lee Jones	Asheville
Linda Mable Kershaw	Raleigh
Robinder Singh Koura	Leeds, England, U.K.
†Robert Christopher Lamb	New Bern
Dale Richard Larocque	Saint Johnsbury, VT
Darrell Ray Laughinghouse	Hookerton
*Wai-Yee Daniel Leong	Singapore
Steven Eric Lisowe	Raleigh
Yuh Liu	Kaohsiung, Taiwan
**David William Lucus II	Charlotte
Steven John Macko	Raleigh
Nader Mansouri	Charlotte
Roger Daren Matthews	Louisburg
Scott Eugene McCollum	Yadkinville
Paul Matthew McNeary	Shelby
*David Anthony McRee	Charlotte
Michelle Lynn Mills	Greensboro
Stuart Gray Mills	Lumberton
William Jean Minton	Raleigh
*David Jefferson Mitchell	Raleigh
Ayub Mohammed	Dhaka, Bangladesh
Jonathan Edward Moon	Silver Spring, MD
Thomas Carlton Moore	Hillsborough
†***Joseph Norman Morris	Winston-Salem
*John Bryan Morton	Jacksonville
*Zebulon Vance Moseley III	Kinston
†***Gary Christopher Moyer	Virginia Beach, VA
**James Lewis Nance	Wilmington
Laurie Anne Newkirk	Raleigh
†Joseph Asiano Nguyen	Greensboro
Uyen Ly Nguyen	Raleigh

†Co major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

**Anthony Jackson Norris	Morehead City
†Paul Anthony Pavlides	Durham
William Jackie Pearce, Jr.	Asheboro
Richard Henry Perkins	Raleigh
Shahram Peykamian	Isfahan, Iran
**Celia Johnson Pfautz	Goldsboro
*Hien Quang Pham	Charlotte
David Christopher Plentovich	High Point
*Geoffrey Frank Purvis	Kernersville
*John William Purvis III	Rocky Mount
*Eric Luther Reese	Lenoir
William Kelvin Rogers	Brevard
Christopher W Ryan	Burlington
**Camil Farah Samaha	Raleigh
*Richard Henderson Scales	Winston-Salem
Jeffrey David Schachte	Simsbury, CT
Craig Steven Scruggs	Mooreboro
†Jason Ryan Sharpe	Charlotte
Jewel Renee Sharpe	Rocky Mount
Kenneth Shepherd	Fayetteville
Dhanaraj Shunmugam	Singapore, Singapore
Charles Christopher Siehl	Raleigh
Leonard Mann Slack III	Raleigh
James Glen Smith	Sparta
Madison Campbell Steadman	Wrightsville Beach
Christopher Alan Stegall	Marshville
Teva Jane Stone	Wilmington
**Matthew Bruce Tichenor	Raleigh
Howyda Kamal Toma	Cary
Christopher Brent Turner	Erwin
Stephen Max Tussey	Concord
*Todd Edward Wagoner	Snow Camp
*Stanley Jefferson Wall	Fuquay-Varina
†Mabel Yvette Watson	Smithfield
*Anthony Todd Wells	Rustburg, VA
**Allison Janeen Wesley	Jackson
Scott Anderson Woodall	McLeansville
†**Margaret Ann Woodlief	Raleigh
**Sui Oi Yee	New Bern
Randy Scott Young	Raleigh

BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT

Degrees Conferred June 27, 1989

†Foong-Ha Lo	Seremban NS, Malaysia
Mark Andrew Meyer	Morgantown

Degrees Conferred December 19, 1989

Kevin Wayne Hefner	Sherrills Ford
Jeffrey Crowson Hunt	Thomasville
Thomas Hart Kemp	Dudley
James D. Yau	Wrentham, MA

Degrees Conferred May 12, 1990

Stephen Andrew Alston	Tarboro
Lawrence Frederick Cheatham III	Sanford
John David Vaughan	Galax, VA

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Degrees Conferred June 27, 1989

Leslie Sue Andrews	Roxboro
**Tony Jackson Blevins	Crumpler
Joseph George Cesari, Jr.	Ashland, PA
**Christopher Anthony Dockery	Asheville
Becky Mohap Futrell	Virginia Beach, VA
Margaret Elizabeth Griffiths	Pittsburgh, PA
*Ricky John Hollodick	Cary
Robert David Kemper	Nags Head
Kathryn Marie Kienast	Davidsonville, MD
†Foong-Ha Lo	Seremban NS, Malaysia
Charles Grant Oakley, Jr.	Graham
Danyna Andrea Patterson	Durham
Phillip Delano Simpson	Raleigh
Danny Neal Sims	Southern Pines
**Randall Todd Stokes	Raleigh
Curtis Lee Tilly	Charlotte
Randy Dennis Williams	Wilmington
**Stephen Mark Wimmer	Charlotte
Lelon Worth Winstead, Jr.	Bunn

Degrees Conferred August 9, 1989

John Scott Daniel	Williamston
Andrea Jane Filo	Raleigh
Richard Thomas Hayes V	Wilmington
*Richard Gary Paxton, Jr.	Annandale, VA
Annie Gia Pham	Cary
Michelle Gay Smith	Havelock
***Sevi Gunal Ulubay	Turkey

Degrees Conferred December 19, 1989

David Alan Adelman	Raleigh
James Douglas Anderson	Raleigh
*Paula Georgette Boulware	Iron Station
**Emily Harding Brown	Burke, VA
Charles Edward Canrobert	Conover
Ian Vincent Chase	Southern Pines
Pamela Arleen Cozart	Garner
Suit Gan Davis	Sungai Jarom, Malaysia
Susan Lee Dunbar	Raleigh
Matthew Charles Fisher	Raleigh
Andrew Carroll Fox	Charlotte
Joseph Charles Gravalec	Stratford, CT
Stacey Deal Gross	Greensboro
Todd Allen Hudson	Winterville
**John Chae Kim	Archdale
Jeffrey Todd Lammert	Danbury, CT
Eileen Marie Leahy	Ellicott City, MD
Ruth Ann Miesse	Raleigh
Amy Elizabeth Moore	Wilmington
Jeffrey Glenn Moore	Walstonburg
Joseph Stanfield Nicks	Mebane
Jamie Ann Marie Nile	Morristown, NJ
Kenneth Edwin Noll	Cincinnati, OH
Richard Earl Perryman, Jr.	Thomasville
*Karen Jean Purer	Lynn Haven, FL

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

Michael Alan Roberts	Lincolnton
James Washington Self, Jr.	Bluthewood, SC
Elizabeth Marie Shealy	Hendersonville
Charles Garrett Walker III	Goldsboro

Degrees Conferred May 12, 1990

**Janet Marie Ange	Cary
*Richard Lawrence Auerweck	Southampton, PA
**Tabatha Cox Barbour	Benson
Christopher Lee Baucom	Southern Pines
Scott Milton Benfield	Lenoir
Stephen Michael Blair	Lenoir
Kimberly Marie Blalock	Timberlake
Andrew Melton Bridgeman	Southern Pines
Henry Joseph Burkard	Greensboro
Erica Lynne Craft	Fayetteville
Michael Calvin Crusenberry	Raleigh
William Allen Curlee III	Martinsville, VA
Matthew Roland Dionne	Martinsville, VA
Richard Alan Drummond	Laurinburg
Elizabeth Leigh Frank	Hickory
Margaret Lynn Frank	Hickory
Kimberly Gale Goff	Wilson
***Marion Susanne Hackney	Washington
Margaret Saunders Haga	Jacksonville
Karen Ada Hudson	Turkey
*Tamara Leigh Hudson	Greensboro
**Tamara Yvette Jackson	Randallstown, MD
*Julia Marie Kinane	Raleigh
**Bryan Dampier King	Farmville
George Edward King, Jr.	Greensboro
Wael Rifat Masri	Mreijat, Lebanon
Constance Dawn Mayhew	Shelby
***Lynn Marie McGoogan	Elon College
Richard Scott McKenzie	Raleigh
*Mary Michelle Mills	Wake Forest
**Kimberly Ann Monroe	Wadsworth, OH
***Anthony Willard Payne	Marshall
*Jimmy Dale Pippin	Mount Airy
Allison Rochelle Respass	Fort Smith, AK
Carlos German Sequeira	Granada, Nicaragua
Nader Badri Shahin	Nablus, West Bank Jordan
Alea Ann Spaulding	Vass
*Wendy Gayle Stephenson	Willow Spring
Kathryn Elizabeth Talacek	Clayton
Daniel Giles Talbot	Islip, NY
Daryl Tim Traywick	Marshville
James Andrew Valentine	Andover, NJ
**Wendy Ann Wahab	Cary
Marshall Thomas Watkins, Jr.	Raleigh
Lisa Cornelia Wells	Wilson
Bradley Otto Willett	Greensboro
Deanna Lynn Wray	Fayetteville
Harry Robert Yauger III	Cameron

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

BACHELOR OF SCIENCE IN MATERIALS SCIENCE AND ENGINEERING

Degrees Conferred June 27, 1989

Thomas Nelson Ackerson	Palatine, IL
Ricardo Velasquez	Goldsboro

Degree Conferred August 9, 1989

*Thomas Eric Skidmore	Marion
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Degrees Conferred December 19, 1989

David Thomas Chapman	Raleigh
Michelle Ann Hoyt	Durham
*Mina Louise McKay	Morehead City
Patricia Ann Peterson	Cary
Scott Robert Sahaida	Raleigh
*Christopher William Widenhouse	Wilmington

Degrees Conferred May 12, 1990

Todd Lee Barbee	Albemarle
***David William Bray	Reidsville
Martha Elizabeth Emory	Wilmington
Karen Jean Freeman	Charlotte
Joseph Patrick Halloran	Erie, PA
**Vincent Harold Hammond	Bogart, GA
Robert Matthew Overby	Reidsville
Brett Nixon Pulliam	Athens, GA
Cameron Edwin Shearon, Jr.	Raleigh
John Michael Streitman	Charlotte
***Warren Andrew Thomas	Arlington, TX
David Brian Zybko	Lexington, VA

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Degrees Conferred June 27, 1989

*Wallace Adamson	Brownsville, PA
Jonathan Yost Alligood	Concord
Richard Jesse Galler	Raleigh
Todd Edwin Harriman	Clemmons
Cleveland Craddock Kern III	Wilton, CT
Aloysius King	Greenville
Charles Moseley Lowe	Raleigh
Christian Louis Pecci	Raleigh
Dale Alan Pressley	Horse Shoe
David Lee Pressley	Horse Shoe
Henry Frederick Schwetzke	Jacksonville
Douglas McGregor Stewart	Derwood, MD
Harold Jeffery Suggs	Nakina
Travis Lee Winn	Creedmoor

Degrees Conferred August 9, 1989

Anthony Dean Ballance	Fremont
Wayne Andy Beaver	Murphy
*Michael Thomas Collins	Raleigh
Omar Abdel-Hadi Essader	Raleigh
***David Adam Gerson	Raleigh
Jerry Wayne Gordon	Raleigh

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

*Brian Lee Johaneek	Charlotte
**David Joe Kendell	Sterling, IL
John Wells Logan III	Wilmington
Joseph Alan Morgan	Charlotte
Michael Art Neas	Temple Hills, MD
Matthew Robert Rankin	Charlotte
Michael Kreg Sheppard	Hendersonville
Earl Michael Zimmerman	Millville, NJ

Degrees Conferred December 19, 1989

Robert Joseph Ackley, Jr.	Matthews
Thomas Brett Allen	Charlotte
David Orren Babcock	Ayden
David Kirk Bailey	Newport
Robert Spence Bass	Nashville
Anthony Wayne Blackman	Raleigh
Linda Myers Chaplin	Raleigh
John Barry Chappell	Butner
Richard Alan Coe	Emerald Isle
**Donald Arthur Comire	Charlotte
Charles Kenneth Cutts III	Charlotte
**Joel Thomas Denning	Faison
†*Carlos Enrique Farrington	Guatemala, Guatemala
**Grant Jason Fish	Willow Spring
Carl Melchior Fisher, Jr.	Charlotte
Christopher Earl Foust	Asheville
Karl David Freeman	Fayetteville
William Lee Fritts	Mount Gilead
***Linda Adrienne Frye	Hickory
Tracy Hilton Frye	Statesville
Stephen Ryan Futrell	Charlotte
Hugh Patrick Gaines	Gastonia
**Robert Frederick Gansman	Charlotte
John Timothy Griffin	Fayetteville
Michael Todd Hines	Four Oaks
*Avinash Kumar Jalan	Dhanbad, India
Tracy Anderson Jones	Charlotte
Larry Richard Lane	Wilmington
Troy David Lenderking	Raleigh
**Ronald Gerald Lindsay, Jr.	Raleigh
***Mary Elizabeth McKnight	Oriental
Keith Anthony Moore	Ellenboro
Darren Christopher Morton	China Grove
Mark John Mulder	Riveredge, NJ
John Michael Nelson	Wilmington
Robert Andrew Owens	Hillsborough
Phillip Sherrill Parsons	Troy
David Scott Payne	Marshall
**Walter Brent Pressley	Landis
**Carol Reynolds Purvis	Asheboro
*Bradley Trent Queen	Columbia, SC
*Michael Thomas Queen	Silver Spring, MD
***Jeffrey Scot Ricks	Elizabeth City
Larry Craig Roberson, Jr.	Garner
**Bart Ethan Schichtel	West Redding, CT
David Edward Shepherd	Hendersonville
Abd-Halim Shuib	Telak Intan, Malaysia
Gary Allan Shuler	Jamestown

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

Sean McLaughlin Smith	Raleigh
Philip Mercer Stanford	Concord
Sean Paul Stapf	Canton
Christina Michele Stephenson	Flat Rock
Joe Hiep Swindler	Greensboro
*Kenneth Darrell Temple, Jr.	Asheboro
Richard Allen Tucker	Kinston
Bruce Carrow Watson, Jr.	Washington
Brian Keith Wilshire	Cary
Michelle Winfield	Monroe
Thomas Preston Winslow, Jr.	Wilmington
Daniel Wittels	Durham
Patrick Isom Woody	Charlotte
*Andrew Paul Yanoschak	Raleigh

Degrees Conferred May 12, 1990

Ajay Kumar Anand	Sikeston, MO
David Patrick Aydlett	Camden
Claire Hobbs Barrett	Raleigh
***Jonas Marc Batten	Lilburn, GA
**Kenneth Franklin Beasley	High Point
**Kathleen Marie Biseli	Treasure Island, FL
Roy Thomas Bivens	Jamestown
Jeffrey Kenan Blackwood	Greensboro
Stephen Murphy Boone	Lumberton
Steven Paul Bouchelle	Sanford
*Patrick Scott Brittain	Connelly Springs
Stuart Bruce Brown	Cary
Kevin Cortier Calhoun	Washington, DC
Paul Wesley Carpenter	Charlotte
*Barry Todd Cease	Hanahan, SC
Cordelia Kaye Chandler	Kinston
**Douglas George Chapman	Hickory
**Christopher Charlie Cheek	Halifax, VA
Alan Edward Clark	Morganton
Rodney Shane Connor	Cary
**John Peter Cooper	High Point
William Lee Cowan	Asheville
*Tracy Wayne Crews	Kernersville
Mark James Cuilla	Knightdale
Frederick Earl Cumbo, Jr.	Clinton
**Larry Charles Dickinson	Hickory
Anthony Nesbitt Dotson	Asheville
Lawrence Lee Dulin	Charlotte
Howard Blake Eaddy	Gastonia
Mark Edwin Earley	Leicester
Ibrahim Mohammad El-Asad	Amman, Jordan
Arik Eshal	Nahalal, Israel
***Charles Benjamin Fain	Clemmons
Robert Gray Ferree IV	Asheboro
*Jeffrey Robertson Foeller	Reidsville
David Blair Galloway	Burlington
Karl Jonathan Geddes	Burgaw
Scott Lawson Goller	Greensboro
Robert Bryan Grice	Leland
Angela Yvette Griffin	Newark, DE
**Stanley Mark Gryder	Hiddenite
Mickey Jay Hall	Laurel Springs
David Lawrence Hammock	Eden

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Thomas Joseph Harmon, Jr.	Low Gap
*Timothy Brett Harris	Matthews
Sam Arthur Hopkins	Walnut Cove
Stephen Wallace Howell	Raleigh
*John Michael Huffman	Winston-Salem
***Robert Daniel Irlbeck	Raleigh
Gregory Brian Jackson	Sanford
John Steven Johnson	Morrisville
Robert Charles Kantelehnner	Greensboro
**Kristin Elizabeth Keidel	Muskegon, MI
George Patrick Kelley	Rural Hall
Jae Ho Kim	Burlington
Kevin Joseph Konrad	Pittsfield, MA
***Gregory Lee Krause	Charlotte
Jeffrey David Kunstling	Kinston
Avery Darren Laphis	Mocksville
James Shiuh-Tsong Lee	Charlotte
John Robin Liles IV	Littleton
**Michael Anthony Lynam	Morganton
James David Madsen	Hilton, NY
Douglas Scott May	Oriental
Keith S McAllister	Newark, DE
Patrick Joe McKee	Raleigh
Xavier Rustia Miranda	Charlotte
*David Franklin Mitchell	Asheville
Darin Lee Moore	Charlotte
Samuel Joseph Moses	Greensboro
Rayfield Mixon Neel, Jr.	Charlotte
**Joel David Nicholson	Hickory
Lori Ann Nicholson	Elizabeth City
Dennis George Nield	Concord
Dinnagy Priyanka Padmaperuma	Colombo, Sri Lanka
Keith Wayne Parise	Bryans Road, MD
Jin Woo Park	Jamestown
Leston Curtis Parks III	Wilmington, DE
Lisa Diane Pletcher	Rockville, MD
John Thomas Price	Four Oaks
**David Franklin Purvis	Bennett
Steven Boyd Putnam	Boiling Springs
Curtis Paul Queen	Catawba
***Brian James Riley	Newton
*Donald Louis Rockwell	Cary
*Mark Alan Rogers	Clinton
Thomas King Rouse, Jr.	Greensboro
Mark David Rush	Raleigh
Robert Edwin Schantz, Jr.	Fairport, NY
*Charles Wakeling Shepherd	Wilkesboro
*John Paul Sheppard II	Gastonia
Christopher Scott Shipp	Charlotte
**Patricia Lena Smith	Raleigh
**Robert Merrill Smith	Edinboro, PA
Russell Edward Smith	Waynesville
*Timothy George Smith	Clayton
Todd Douglass Smithy	Stony Point
William Scott Snow	Mount Airy
Robert James Stanley II	Raleigh
Robert Albert Stasko, Jr.	Charlotte
†**Jane Elizabeth Stover	Charlotte
Milton Scott Swindler	Swan Quarter

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Scott Webster Syme	Shelby
Daryl Perry Tunstall	Raleigh
**Scott Edward Tutak	Kinston
Johnny Dean Underwood	Candler
Oswaldo Rolando Vargas	Raleigh
†Robert Allen Venezia	Cary
Dennis William Wertz, Jr.	Cary
Kenneth Allen Wetherington	New Bern
James Douglas Yates	Charlotte

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

Degrees Conferred December 19, 1989

George Dewey Greenway, Jr.	Fayetteville
Edward Michael Jakes	Pittsboro

Degrees Conferred May 12, 1990

David Daniel Beatty	Lumberton
Jeffrey Carl Britt	Goldsboro
Christopher Allen Chrislip	Newton
Margaret Teresa Gibson	Boone
Milton Edward Gorden	Monroe
Robert George Hill	Goldsboro
*Kelly Bryan McCurry	Weaverville
**Kevin Neil Roland	Eden
John Parker Schwenker, Jr.	Lake Shawnee, NJ

College of Forest Resources



BACHELOR OF SCIENCE IN CONSERVATION

Jointly administered by the College of Agriculture and Life Sciences and the College of Forest Resources. See page 1 under the College of Agriculture and Life Sciences for a listing of the graduate seniors in the jointly administered program.

Degree Conferred June 27, 1989

Brian Antonio Ferebee	Elizabeth City
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Degree Conferred May 12, 1990

**Christopher Frank Dumas	Wilmington
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† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

BACHELOR OF SCIENCE IN FORESTRY

Degree Conferred June 27, 1989

Robert Melton Polk III Laurinburg

Degrees Conferred August 9, 1989

Harvey Brent Reed High Point
Thomas Alexander Smith Shelby

Degrees Conferred December 19, 1989

Diana Lea Broome Salisbury
Paul Timothy Eriksson Ledgewood, NJ
Kathleen Turner Ferdon Raleigh
Rachelle Ann Peterson Asheboro
James Eugene Malpass II Delco
Victor Haynes Parrish Raleigh
William Brooks Rudd Greensboro
*Forrest Henry Teague, Jr. Goldsboro
Thomas Dale Thrash Asheville

Degrees Conferred May 12, 1990

Jeff Landon Beutel Raleigh
Barbara Ann Boothroyd Asheville
Jerold Marcellus Bryant Georgetown, SC
*Melanie Ann Burke Decatur, AL
David Vernon Dry Charlotte
Eduardo Luis Garcia San Juan, Puerto Rico
Scott Patrick Gottfried Hope Mills
Paula Annette Gray Eden
***James William Hauser Raleigh
Robert Billy Kidd Siler City
Jon Joseph Klischies Westampton, NJ
William Collicott Mann Chapel Hill
*David Bruce Powell, Jr. Franklin, VA
Mark Donovan Tippet Greensboro
Randall Frank West, Jr. Andrews
Charles Anthony Wisekal II Perry, GA

BACHELOR OF SCIENCE IN PULP AND PAPER SCIENCE AND TECHNOLOGY

Degrees Conferred June 27, 1989

Andrew Bernhard Gloster Greensboro
Angela Blair James Elizabeth City
Bryan Reid Kay Wilmington

Degrees Conferred December 19, 1989

Chavonda Janeva Jacobs Augusta, GA
George Julius Joncas Rockingham
Retha Jeanette McRae Wilmington
*Albert Keith Williams Roanoke Rapids
DeNorris Williams Nashville

Degrees Conferred May 12, 1990

†Matthew Wilson Barbour Raleigh
John Edward Chevalier Hopewell, VA

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

Kevin Cornell Christian	Providence Forge, VA
**Robert Shean Cumbee	Supply
**William Gregory Fullenwider	Lewisport, KY
Kevin Jerome Gramelpacher	Tell City, IN
*John William Graves	Pensacola, FL
†***Scott Alexander Hamilton	Clyde
Sylvia Ellen Kirsten	Dallas, TX
Joan Renée Lee	Seaboard
**Mitchell Alan Malcolm	Centerville, GA
**John Gerhard Michael	Warner Robins, GA
†Heidi Lyn Musser	Clifton Forge, VA
Andrea Leigh Nelson	Macon, GA
**John Charles Single	Atlanta, GA
Paulette Thomas	Jacksonville
†**Ronald Bowman Tucker	Browns Summit

BACHELOR OF SCIENCE IN RECREATION RESOURCES ADMINISTRATION

Degree Conferred August 9, 1989

Mary Beth Auld	Raleigh
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Degrees Conferred December 19, 1989

Richard Floyd Baker	Spruce Pines
Jill Michele Brooks	Kings Mountain
Jack Milton Daniels	Cary
Angeline Paulette Martin	Garysburg
David Allen Ploeger	Apex
Greg Gerard Sanders	Raleigh
Gregory Alan Rowe	Lexington
Christopher Morgan Snow	Mount Airy
*Mark Alan Woodrow	Rocky Mount
*Tonia Michelle Wells	Rosewood

Degrees Conferred May 12, 1990

***Deborah Lynn Alender	Savannah, GA
Paulette Lynn Barrett	Aurora
Anna Catherine Beam	Rutherfordton
*Margaret Mitchell Campbell	Raleigh
Paul Timothy Eriksson	Ledgewood, NJ
Gina Lynette Fuller	Selma
Todd Daniel Hogue	Raleigh
Curtis Mark Klausner	Hampton, NH
Gregory George Linker	Rockville Centre, NY
**Michelle Rodriguez	Fayetteville
Ward Graham Swann	Winston-Salem
Brett D. Williams	Tulsa, OK

BACHELOR OF SCIENCE IN WOOD SCIENCE AND TECHNOLOGY

Degree Conferred December 19, 1989

Bernard Thomas Rose	Seaboard
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Degrees Conferred May 12, 1990

Jay Dwight Borrell	Roanoke Rapids
Harold Dixon Herman, Jr.	Hickory
Gary Neil Jenkins	Gastonia
Stacy Gardner Johnson	Kinston

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

Gregory Richard Kasten	Edwardsville, IL
Roger Gary Poindexter	Troy
Jack Merritt Ragan III	Raleigh
James Edward Rubino	Montross, VA
***Talya Rachel Selbst	Savoyon, Israel
**James Alexander Snyder	Monroe
***Reynolds Wallin Trull	Henderson

College of Humanities and Social Sciences



BACHELOR OF ARTS IN ACCOUNTING

Degrees Conferred June 27, 1989

Phillip Allen Cervi	Charlotte
Gwendolyn Beth Harris	Goldsboro
LeAnne Elizabeth Johnson	Wrightsville Beach
Lori Ann Liberty	Cary
Christine Alice MacGregor	Annapolis, MD
Walter Worsley Peel	Durham
Karen Ann Travis	Neshanic Station, NJ
Jennifer Melissa Ward	Raleigh

Degrees Conferred August 9, 1989

Jeffrey Stephen Boyd	Raleigh
Karen Elizabeth Brown	Raleigh
Richard Lee Cullum	Havelock
Katherine Louise Griffin	Fairmont
Kenneth Steven Halas	Charlotte
Michelle Patrice Huie	Silver Spring, MD
Allen Gregory Moseley	Fayetteville

Degrees Conferred December 19, 1989

Sherri Lynn Barker	Cornelius
Jerry Eugene Byrd	Mebane
†Anitra Marcelle Evans	Mebane
Daniel Patrick Halloran	Buffalo, NY
**Renee Lynn Harris	Troy
†Wesley Allen Harris	Lenoir
†Jeffrey Daran Hayes	Clemmons
Lori Lynn Kindsvatter	Cary
Bret Robin Kirby	Durham
John Frederick Millett	Charlotte
John Wesley Nobles	Raleigh

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

Ronald Edwin Odom	Garner
Laura Leslie Paynter	Oxford
David Michael Quintilio	Asheville
Robert Edwin Reid	Winnsboro, SC
Charles Mitchum Terry	Knightdale

Degrees Conferred May 12, 1990

James Patrick Alcide	New City, NY
**Tania Rennalls Apsey	Knightdale
Angela Michele Atkinson	Burlington
Thomas John Beighley	Shelby
*Laura Catherine Betterton	Fayetteville
*Daniel Keith Bowman	Walnut Cove
Wendy Virnita Bradford	Kittrell
***Lisa Gayle Brooks	Pittsboro
Tammy James Butler	Clinton
*James Russell Capps, Jr.	Raleigh
**Hazel June Cockram	Patrick Springs, VA
Tracy Lynn Colby	Chesapeake, VA
Bryan Lynne Cope	Rocky Mount
*Wanda Joy Creech	Zebulon
Jean Byrnes Davis	Raleigh
Tiffany Heather Dern	Raleigh
Matthew Jean DesVergers	Whiteville
Amy Renee Edwards	Cary
**Gay Adelaide Edwards	Williamston
William Vincent Esoda	Haddon Heights, NJ
Jorge Ignacio Franchi	Annandale, VA
Samuel Horace Green	Fayetteville
**Millicent Lavonne Hawkins	Murfreesboro
Mark Andrew Inman	Mount Airy
Lee Ritchie Irvin	Fayetteville
**Chad Terence Jamison	Raleigh
Lesli Bryanne Johnson	Raleigh
Dorothy Mary Kirkman	Plainfield, NJ
Michael John Kurak	Swansboro
Jennifer Carole Lance	Asheville
**Stephen Robert Larson	Apex
Angela Marie Lucas	Roanoke Rapids
Richard Alan McCall	Lexington
Michaela Lynn McClure	Knightdale
Bart Matthew McGowan	Raleigh
Elizabeth Ashley McLamb	Hillsborough
Glenda Elizabeth Myers	Raleigh
Amy Eileen Nettesheim	Raleigh
**Ginger Losch Osteen	Hopkinsville, KY
Brad Courtland Parris	Rome, GA
Deborah Lynn Patafio	Cary
Beverly Lynn Patrick	Wake Forest
*Jill Suzanne Poindexter	Charlotte
Brian Lee Puckett	Nashville
**Jonathan Blake Riggsbee	Durham
Reetika Sachdev	Greensboro
Wendy Elizabeth Sanderson	Raleigh
*James Anthony Sessoms	Clinton
Christopher Scott Smith	High Point
***Thomasina Elizabeth Stikeleather	Kernersville
Jeffrone Thompson	Raleigh

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

†William Jerome Tingen	Oxford
*Annette Hubbard Turner	Valdese
Robert Kenneth Updegrave, Jr.	Raleigh
*Patricia Lynn Watson	Olney, MD
***Rose Casanave White	Apex
Jeffrey William Williams	Clayton
**Matthew Cole Williams	Clayton
Anita Carol Woche	Raleigh
**Tracy Ann Womble	Goldsboro
Patria Ruth Wrenn	Louisburg

BACHELOR OF ARTS IN BUSINESS MANAGEMENT

Degrees Conferred June 27, 1989

†Dena George Ashoo	Bacshdad, Iraq
*Annette Couture Beach	Dayton, OH
April Renee Betts	Charlotte
Bowen Deitz Carpenter	Salisbury
William Bragg Carswell, Jr.	Raleigh
Rhonda Jean Cielo	Raleigh
Jacqueline Wilson Cosgrove	Potomac, MD
Karl Lynn Daeke	Norlina
Michael Currie Davenport	Sanford
†Sherri Lea Dedmon	Salisbury
†Thaddeus Paul Downing	Fayetteville
Kevin Alan Dunion	Wilmington, DE
Martin Lane Efird, Jr.	Matthews
Orland Edward Esva	Hendersonville
Paul Henry Foglia	Raleigh
Kenneth Paul Forte, Jr.	Huntsville, Alabama
Stephanie Loretta Fox	Sanford
†Sherri Denise Harris	Charlotte
Amy Marie Hopkins	Durham
Tonya Sha Kennedy	Charlotte
Stephan Andreas Lampert	Hickory
Christopher Raymond Mason	Statesville
†Barrett Wayne Mills	Raleigh
James Edwin Moten II	Raleigh
Chau Don Nguyen	Goldsboro
Karen Elaine O'Rear	Charlotte
Patrick Sean Plettner	Raleigh
Ernest Gordon Poole	Charlotte
Rebecca Marie Reucher	Charlotte
David Wayne Rivers	Raleigh
Keith Michael Sigworth	Raleigh
Mary Alice Stewart	Matthews
†Howard Julius Stott	Roanoke, VA
Clay Matthew Strickland	Salemberg
Richard James Tackabery	Southern Pines
H Jayne Regina Waida	Newport News, VA
Warren Timothy Webb	Burlington
*Kimberley Gwyn Whittington	Roaring River

Degrees Conferred August 9, 1989

Cecilia Maria Ancalmo	San Salvador, El Salvador
Paul Crenshaw Briggs	Raleigh
Rhonda Michelle Brock	Cary
Jonathan Davis Capps	Warrenton

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

Nicole Chellew	Smithfield
Mitchell Gray Cox	Walnut Cove
Angela Denise Evans	Oxford
Vivian Louise Fish	Willow Spring
Patrick Robert Gaines	Fayetteville
Lynn Marie Hayes	Cary
†Jeffrey Paul Huneycutt	Cary
Russell Joseph Johnson	Fayetteville
Paul Scott Jones II	Raleigh
†Ross Allen Jones	Raleigh
Karen Denise Kanto	Manassas, VA
Rodney Lee Kendrick	Burlington
†Yvette Renee King	Kinston
Thomas Jordan Lea	Greenville, SC
Tammy Dennis Liles	Norwood
Michael Johnson Lotz	Sarasota, FL
*Karen Smith Marceau	Chapel Hill
Charles Edward Morgan	Burlington
Margaret Elizabeth Myers	Raleigh
†Ted Wallace Owen, Jr.	Fayetteville
Laura Elean Patterson	Fayetteville
Steve Kiatipong Pongpairoj	Raleigh
Kimberly Sue Price	Raleigh
Reetika Sachdev	Greensboro
Eric Dale Spell	Clinton
Patricia Annette Stefanovic	Wake Forest
Angela Lynn Vinson	Lexington
Thad David White	Salisbury
*Everette Alan Whitley	Havelock
†Jennifer Ann Willson	Raleigh

Degrees Conferred December 19, 1989

**James Sidney Achurch	Cary
†Leon David Adams	Ramseur
†Donald McGaughay Alexander	Savannah, Ga.
†Cynthia Edith Astalos	Fayetteville
†Benjamin Lee Bailey	Granite Falls
Keri Uram Baker	Raleigh
†Matthew Lee Baldwin	Siler City
Frank Robert Banesse	High Point
Carolista Ann-Cabell Baum	Nags Head
Linda M'Shel Beam	Cherryville
Phillip Berlin Bollinger	Granite Falls
Misty Jo Britton	Hamlet
Jeffrey Scott Brookshire	Flat Rock
†Angela Suzanne Broome	Smithfield
Mary Patricia Burton	Norlina
Serena Vittoria Cantoni	Bethesda, MD
Lamonica Alesia Carr	Willard
*Christopher Alan Caskey	Cary
Elsbeth Jean Chapman	Rougemont
Paul Haslett Collie	Durham
Bradrick Coy Crawford	Greensboro
Charles Scott Creighton	Edenton
Wendy Renee Cushman	Jacksonville
RaeFord Van Daughtry	Newton Grove
Shawn Ashley Davenport	Statesville
†Hal Daniel Davis	Henderson
John Lawrence Davis, Jr.	Raleigh

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

*Matthew Courtney Davis	Louisburg
James Christopher Deal	Hildebran
Deborah Ann Dickerson	Raleigh
Christine Anne Donaghy	Raleigh
Robert Crawford Edwards	Kernersville
**Christal Faith Elliott	Oxford
†Anitra Marcelle Evans	Mebane
***Elizabeth Price Feild	Belmont
Brian Franklin Gay	Greensboro
Michael Curtis George	Raleigh
William Henry George, Jr.	Raleigh
Scott Edward Gingery	Raleigh
Bryan Scott Goldman	Spartanburg, SC
Brian Francis Goodrich	Cherry Hill, NJ
Kathryn Lane Graham	Cary
Jon Eric Grant	Wilson
Noreen Mary Gray	Rhinebeck, NY
Ty Graham Hardison	Greensboro
†Wesley Allen Harris	Lenoir
Donald Alexander Harte, Jr.	Mooreville
Heather Marie Hayes	Winston-Salem
†Jeffrey Daran Hayes	Clemmons
†Matthew Daniel Hedrick	Winston-Salem
Janet Moore Hicks	Wilmington
Bonnie Sue Hines	Wilson
Jeffrey Arthur Hojnacki	Shelby
†Yvonne Nannette Howey	Charlotte
Travis Teavie Hubbard	Raleigh
†Russell Ray Ingram	Greensboro
Kimberly June Ivey	Oxford
†Stefanie Anne Jernigan	Fayetteville
†Katherine Preston Kasprzak	Alexandria, VA
Demetra Constance Katsoudas	Sanford
Donna Lynn Kelley	Raleigh
Clara Y. Kim	Allentown, PA
†Edward James King III	Carolina Beach
Gerald Michael Kinlaw	Greensboro
William James Klenoshek, Jr.	Lyndhurst, OH
Robert Ralph Krueger	Raleigh
Charles Patrick Long	Apex
Jeffrey Stephen Loveless	Wilmington
Jeanne McCombs Mathis	Raleigh
†James Brian McDaniel	Concord
Deidre Lee Mehalic	Shallotte
†Joseph Bradford Mickle	Salisbury
**Gary Raymond Miklos	Raleigh
James Kenneth Mills, Jr.	Asheville
Amy Elizabeth Murphey	Clayton
Douglas Brian Nixon	Charlotte
Thad Edward Noe	Lebanon, OH
*Dawn Marie Oslund	Cary
Marshall Hamilton Page	Jacksonville
Roy Craig Parrott	Oxford
Melinda Ann Pearce	Zebulon
Melinda Gay Penuel	Jacksonville
William Whiteley Procter	Raleigh
Michael Steve Rabb, Jr.	Shelby
Dale Lynn Reiber	Springfield, VA
Robert Roosevelt Rice II	Mount Olive

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

James Matthew Richardson	Orange, NJ
William Arthur Robertson	Raleigh
H† Ronald Wayne Rogers	Mebane
† Richard Kurt Rouse	Charlotte
† David Derrell Sapp	Knightsdale
† Malcolm Boyd Sluder	Asheville
Patricia Jo Small	High Point
Harry Lamont Southerland	Rae ford
Patrick Lee Stanley	Tabor City
† Kurt Anthony Stengel	Allentown, PA
Michael Craig Stevens	Raleigh
† Scott Edward Strickland	Greensboro
Nathalia Suissa	Silver Spring, MD
Elizabeth Delphine Sullivan	Charlotte
† William Walker Swink, Jr.	Concord
† Steven Blane Talbert	Columbus, OH
Russell Eugene Teague IV	Raleigh
Robert Jackson Todd, Jr.	Wilmington
* Mark Graham Vickers	Raleigh
Nicole Elisabeth Wagner	Raleigh
Richard Lindsay Walker III	Charlotte
Todd Randall Walker	High Point
† Darien Russell Waters	Washington
*** William Parker Watkins, Jr.	Morrisville
** Rose Casanave White	Apex
David Michael Wood	Durham
Kimberly Sharon Wooldridge	Raleigh
Todd Thomas Yates	Durham

Degrees Conferred May 12, 1990

Timothy Arthur Adams	Raleigh
† Eric Michael Alber	Ocean City, NJ
Jeffrey Richard Alexander	Pittsford, NY
Julie Michelle Allen	Burlington
Stephanie Denise Alston	Brooklyn, NY
Carol Lynnette Altman	Dunn
Michael Duane Alway	Pembroke
Regina Reine Anderson	Baltimore, MD
Lisa Lynn Angel	Raleigh
James Murray Askew III	Maxton
Jerome Herbert Askew, Jr.	Fayetteville
† Donna Marie Ballard	Conover
Kyle Allen Barger	Raleigh
Jeffery Todd Barnhardt	Mocksville
† Melinda Barrier	Raleigh
Ronald Lander Baucom	Charlotte
Katherine Anne Bauernfeind	Louisville, KY
† Amy Gibbs Beal	Charlotte
Walter Lewis Scott Bean III	Jamestown
Benjamin Forrest Beasley	Gastonia
Cartaveta Rochell Belcher	Plymouth
† André Bigford	Fayetteville
† Courtenay Lee Blair	Hendersonville
Kelly Jeneé Blair	Charlotte
Mary-Anne Boda	Raleigh
Matthew DeWane Brenner	Centerville, OH
† Andrew Lyon Brewer	Misenheimer
Joseph Joy Briggs	Goldsboro
David Thomas Bryant	New Bern

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

David Russell Buchanan	Somers, NY
†Denise Irene Bullock	Raleigh
†Gina Bailey Bunch	Raleigh
Susan Marie Bur	Cary
Carlos Maurice Butler	Fayetteville
John Thomas Canoutas	Wilmington
Yoskana Capino	Fayetteville
†**Dara Quayle Caricofe	Apex
David Burr Carr	Charlotte
Mary Ann Carraher	Sanford
Mary Harley Castles	Charlotte
Steven Paul Cesari	Ashland, PA
Mason Travers Chapman	Richmond, VA
Roger Orville Church, Jr.	Charlotte
Marshall Heath Clayton	Cary
Latanya Demetria Clemons	Chapel Hill
Edward Anthony Coats	Raleigh
*Charles Godwin Cobb	West Columbia, SC
†Tammi Michelle Coleman	Charlotte
John Howard Collar III	Raleigh
†John Martin Collins	Raleigh
William Brett Collins	Thomasville
Brian Matthew Cooney	Raleigh
Kimberly Paige Curlee	Charlotte
Amy Suzanne Davis	Lexington
Daniel Lee Davis	High Point
James Coolidge Davis	Hendersonville
Brian David Depenbrock	Charlotte
†Jacqueline Gale DiGregorio	Raleigh
Lisa Marie Dombrowski	Raleigh
Kathryn Elizabeth Dominick	Raleigh
Jerry Campbell Douglass	Fayetteville
Derek Fred Duin	Sewickley, PA
*Heather Folden Dunn	Raleigh
Sara Nicholas Dunnam	Salisbury
Sedrick Ramone Dunson	Goldsboro
Jessica Eason	Tarboro
**William Wayne Edwards	Chico, CA
†Robert Joe Ellison, Jr.	Charlotte
†Kelly Ann Erhardt	Colts Neck, NJ
*Stacy Elizabeth Ernest	Pittsboro, FL
Daniel Eugene Evans	Raleigh
Susan Eileen Evans	Wendell
†Jeffrey Stuart Flake	Greenville
Regina Ellen Flythe	Conway
†Shannon Leigh Fulk	King
Paul Joseph Gaglione	Charlotte
†Jennifer Jean Gaither	Statesville
Michele Monique Gambaro	Gloversville, NY
**Lori Anne Gard	Hertford
Beth Anne Gilpin	Newport
†Henry Russell Grant	Weldon
†Gary Thomas Greene	Raleigh
†Julie Anne Grisdale	Charlotte
Tamara Jo Grissom	Cary
Donna Michelle Gunter	New Hill
Kristin Anne Hale	Dallas, TX
Charles Jeffrey Hancock	Greensboro
†Carolyn Jean Handy	Midlothian, VA

†Co-major

*Cum Laude

**Magna Cum Laude

***Summa Cum Laude

H Honors Program

Susan Lynn Hennis	Winston-Salem
*Gregory Carl Henry	Raleigh
Vickie Diane Hildebran	Hickory
Gerhard Holger Hillmann	Cincinnati, OH
†David Lee Houser	Cherryville
Ines Marie Huber	Canton
William Hughes	Raleigh
Earl Maxwell Inge, Jr.	Greensboro
Kendra Renee Johnson	Fayetteville
Kenneth Preston Jones	New Bern
Stewart Christopher Jones	North Wilkesboro
William Kent Jordan, Jr.	Athens, GA
Patrick Keith Kalembe	Raleigh
†Stacy Lea Kishpaugh	Raleigh
Mary Healy Lecoeuvre	Westboro, MA
Timothy Franklin Lindsay	Clinton
Angela Rae Long	Raleigh
Jason Timothy Long	Wilson
Mary Elizabeth Manners	Springfield, VA
Brennan Parks Marilla	Richmond, VA
†Terence Lorenzo Matthews	Fort Washington, MD
Wade Glenn Mauser	Hickory
Susanne Michelle Mayo	Durham
John Amos Mecimore	Greensboro
Sheridan Adair Medlin	Charlotte
†Roberta Jean Merrifield	Linwood, NJ
Alicia Ann Messina	New Providence, NJ
Courtney Scot Michelle	Asheboro
†Craig Allen Miller	Kansas City, MO
Robert Bruce Miller	Burlington
†Mark Francis Molinaro	Durham
†Shane Michael Montgomery	Newark, OH
Jane Ashley Morris	New Bern
†Karen Ann Mullaney	Rockville, MD
Susan Mary Mullaney	Kensington, MD
†Michelle Elizabeth Mumm	Boca Raton, FL
Dana Lynette Navey	Lincolnton
Charles Matthews Neese	Greensboro
Joseph Ray Nichols, Jr.	Ahoskie
†Brian Lamar Nixon	Denver
†Larry Gene Norris, Jr.	Garner
Joseph Warren Nowell	Elizabeth City
*Tracy Dianne O'Berry	Ahoskie
Lesley Carmen O'Brien	Raleigh
†Michael Allan Olson	Reston, VA
Angela Renee Page	Ruffin
Kevin Douglas Pegram	Raleigh
**Carol Wightman Petrie	Los Angeles, CA
Charles Leon Phillips II	Morrisville
Jeffrey Scott Pickett	Durham
Kelly Elizabeth Pierce	Raleigh
Timothy Scott Pope	Charlotte
Nila Leigh Price	Garner
†John Craig Richards	Richmond, VA
Falisa Wynette Richardson	Castalia
Tammy Marie Rigney	McLeansville
Stacey Lynn Roberts	Raleigh
†Gerald Rogers, Jr.	Shelby
Travis Cornell Rouse	Washington

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

†Michael Bruce Rundle	Raleigh
Andrew Keith Sandman	Raleigh
Michael Daniel Schiewe	Raleigh
Gregory Criston Schultz	Charlotte
†Stephen Smith Scott	Winston-Salem
Robert Blakley Settle	Raleigh
†Parag Natver Shah	Raleigh
Mary Elizabeth Sharp	Aiken, SC
SueAnn Sheehan	Charlotte
Christopher McBrayer Shoffner	Raleigh
†Brad Lee Siebert	Raleigh
Leslie Diane Silva	Wayne, PA
Bryan Todd Simpson	Raleigh
Jeffrey Scott Smith	Raleigh
†Michael Darin Smith	Raleigh
Gregory Ray Stallings	Raleigh
†Leanne Stepanovich	Altoona, PA
David Byron Stone	Salisbury
Walter Carl Stone	Durham
Cameron Wiley Stout	Fayetteville
Stephanie Rose Stubbs	Whiteville
*Marion Manton Suchy	Raleigh
John Allan Suther	Concord
†Sandra JoAnne Taylor	New Bern
Michael Shan Teel	Lumberton
Sandra Joette Thomas	Pittsboro
†Rebecca Louise Thompson	Greenville
Carolyn Amelia Thornell	Raleigh
Rosemarie Estrellita Tikvart	Raleigh
†William Jerome Tingen	Oxford
†Nicole Toole	Henderson
Timothy Charles Troutman	Lenoir
Jennifer Kristen Utter	Greensboro
Kimberly Hope Varnell	Pinetops
Joseph Patrick White	Oxford
†Marjorie Leigh Whitfield	Hillsborough
Christy Lee Whitley	Sanford
†Franklin Edward Wickizer	Swansboro
Donald Scott Williams	Durham
Gregory Monroe Williams	Sanford
Jason Reed Williams	Cary
Diane Michele Willingham	New Bern
Brian Alan Wilson	Charleston, WV
Lisa Lorraine Wilson	Roanoke Rapids
Steven Wayne Wood	Raleigh
*Tammie Lynette Wray	Stoneville

BACHELOR OF ARTS IN ECONOMICS

Degrees Conferred June 27, 1989

†Dena George Ashoo	Bacshdad, Iraq
†Sherri Lea Dedmon	Salisbury
†Thaddeus Paul Downing	Fayetteville
†Sherri Denise Harris	Charlotte
Joel Farris Kincaid	Lake Lure
H Bruce Robert Millar	Raleigh
†Barrett Wayne Mills	Raleigh
Jodi Lynn Vogel	Jacksonville

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

Degrees Conferred August 9, 1989

†Jeffrey Paul Huneycutt	Cary
Ross Allen Jones	Raleigh
†Yvette Renee King	Kinston
Andrew Matejka	New City, NY
†Ted Wallace Owen, Jr.	Fayetteville
Jean Marie Parrott	Raleigh
Eric Jordan Speece	Carrboro
†Jennifer Ann Willson	Raleigh

Degrees Conferred December 19, 1989

†Leon David Adams	Ramseur
†Donald McGaughay Alexander	Savannah, GA
†Cynthia Edith Astalos	Fayetteville
†Benjamin Lee Bailey	Granite Falls
†Matthew Lee Baldwin	Siler City
Kimberly Dawn Banks	Raleigh
Steve Tyler Bland	Raleigh
†Angela Suzanne Broome	Smithfield
James Patrick Costello	Washington, CT
†Hal Daniel Davis	Henderson
James Lawrence Devereux II	Charlotte
David Lawrence Hatcher	Raleigh
†Matthew Daniel Hedrick	Winston-Salem
†Yvonne Nannette Howey	Charlotte
†Russell Ray Ingram	Greensboro
†Stefanie Anne Jernigan	Fayetteville
†Katherine Preston Kasprzak	Alexandria, VA
†Edward James King III	Carolina Beach
†***James Matthew Matson	Eden
†James Brian McDaniel	Concord
Michael Lawton McQueen	Raleigh
†Joseph Bradford Mickle	Salisbury
†Ronald Wayne Rogers	Mebane
†Richard Kurt Rouse	Charlotte
†David Derrell Sapp	Knightdale
Kenya Shiver	Brooklyn, NY
†Malcolm Boyd Sluder	Asheville
†*Arthur R. Spruill III	Plymouth
†Kurt Anthony Stengel	Allentown, PA
†Scott Edward Strickland	Greensboro
Thomas Eugene Sutton	Salisbury
†William Walker Swink, Jr.	Concord
†Steven Blane Talbert	Columbus, OH
†Darien Russell Waters	Washington

Degrees Conferred May 12, 1990

†Eric Michael Alber	Ocean City, NJ
†Donna Marie Ballard	Conover
†Amy Gibbs Beal	Charlotte
Linda M'Shel Beam	Cherryville
†Andre Bigford	Fayetteville
†Courtenay Lee Blair	Hendersonville
†Andrew Lyon Brewer	Misenheimer
†Denise Irene Bullock	Raleigh
†Gina Bailey Bunch	Raleigh
†**Dara Quayle Caricofe	Apex
†Tammi Michelle Coleman	Charlotte

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

†John Martin Collins	Raleigh
Lisa Michelle Derrickson	Raleigh
†Jacqueline Gale DiGregorio	Raleigh
†Robert Joe Ellison, Jr.	Charlotte
†Kelly Ann Erhardt	Colts Neck, NJ
†Jeffrey Stuart Flake	Greenville
†Shannon Leigh Fulk	King
Patrick Robert Gaines	Fayetteville
†Jennifer Jean Gaither	Statesville
†Henry Russell Grant	Weldon
†Gary Thomas Greene	Raleigh
†Julie Anne Grisdale	Charlotte
†Carolyn Jean Handy	Midlothian, VA
†David Lee Houser	Cherryville
Robert Scott Jasany	Sanford
†Stacy Lea Kishpaugh	Raleigh
Robert Anthony Ladd	Charlotte
†Terence Lorenzo Matthews	Fort Washington, MD
Gregory Allen Millar	Raleigh
†Craig Allen Miller	Kansas City, MO
†Mark Francis Molinaro	Durham
†Shane Michael Montgomery	Newark, OH
†Karen Ann Mullaney	Rockville, MD
†Michelle Elizabeth Mumm	Boca Raton, FL
†Brian Lamar Nixon	Denver
†Larry Gene Norris, Jr.	Garner
†Michael Allan Olson	Reston, VA
Steven Curtis Pellingier	Cary
Matthew Peter Pitman	Canton
†John Craig Richards	Richmond, VA
†Gerald Rogers, Jr.	Shelby
David Arnold Rose	Washington
†Michael Bruce Rundle	Raleigh
Louis Henry Sawyer, Jr.	Wilmington
†Stephen Smith Scott	Winston-Salem
†Parag Natver Shah	Raleigh
†Brad Lee Siebert	Raleigh
†Michael Darin Smith	Raleigh
Harry Lamont Southerland	Rae ford
†Sandra JoAnne Taylor	New Bern
†Nicole Toole	Henderson
†Marjorie Leigh Whitfield	Hillsborough
†Franklin Edward Wickizer	Swansboro
Norman Cole Williams	Durham

BACHELOR OF SCIENCE IN ECONOMICS

Degrees Conferred June 27, 1989

Karen Michele Beamon	Candler
John David Capps	Raleigh
H Andrew Kevin Frye	Carthage

Degrees Conferred August 9, 1989

Jo-Nette Anita Boyd	Raleigh
Walid Urabi Mustafa	Raleigh

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Degrees Conferred December 19, 1989

Robert Pell Bovender III	Charlotte
Mark Stevens Conord	New Bern
Jeannette Sandra Ellison	Raleigh
†***Christopher Walker Johnson	Fuquay-Varina
Preston Michael Miller	Raleigh
Timothy Lynn Pratt	Wilmington
Larry Cleon Reece	Greensboro
Bryan Everett Roberson	Raleigh
Peter Anthony Rowe	Conover
Wendy Earle Ryals	Raleigh
Mark James Senter	Garner
David Monroe Shackelford	Asheboro
Thomas Neil Sullivan	Raleigh
Roger Steele Turner	Mount Olive

Degrees Conferred May 12, 1990

†Melinda Barrier	Raleigh
*Paula Boulware Coe	Lincolnton
†**Christopher Frank Dumas	Wilmington
William Greswold Gwynette	Shelby
John David Horton	Burnsville
John Michael Kovach	Aquasco, MD
Roger Lanier McDaniel, Jr.	Raleigh
Robert Tyra Morris	Marion
Scott Morgan Parrish	Hickory
Stephen Bradshaw Picklesimer	High Point
Julie Anne Resager	Massapequa, NY
Marvin Jay Scotton	Coleridge
Brendt Caldwell Swink	Atlanta, GA
†Robert Allen Venezia	Cary
Michael Zapata III	Cary

BACHELOR OF ARTS IN ENGLISH

Degrees Conferred June 27, 1989

Tracey Simpson Kyles	Sanford
H***Kathleen Roberta Somers	Long Beach
H**Barry Lyman Thatcher	Rexburg, ID
Janet Marie Turner	Lumberton

Degrees Conferred August 9, 1989

†*Donna Annette Burge	Raleigh
Carmen Newkirk Davis	Magnolia
Darcy Ellen Dye	Raleigh
Evelyn Safadi Grizzard	Raleigh
Marlo Jeanette Howell	Hertford
***Teresa Marie Hudson	Raleigh
*Lori Lynne McKinney	Atchison, KS

Degrees Conferred December 19, 1989

Peggy LouAnn Bowen	Kinston
Lawrence McGilbra Cutchin, Jr.	Weldon
H***Judith Ellen Darling	Garner
Catherine Ann Dugger	Raleigh
Angela Hall Hanson	Lawsonville
*Andrea Camilla Hardy	Durham

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

George Edward Romaine Hervey III	Raleigh
*William Elliot Inman	Raleigh
Joanne Mary Kempen	Greensboro
Neil Chapin Koomen	Raleigh
Joseph Allen McFaden, Jr.	Madison Heights, VA
Ian Andrew McKenzie	Asheville
Laura Kathryn Peacock	Cary
Thomas Gregg Phillips	Cary
Benjamin Brent Poteat	Wrightsville Beach
Kelly Leigh Smith	Fuquay-Varina
Zina Suzanne Stewart	Wilson, CT
Lisa Jones Wheeler	Garner
Jodi Ann Zinnanti	Raleigh

Degrees Conferred May 12, 1990

William Neil Armstrong	Charlotte
Jennifer Ingraham Atherton	Cortland, NY
James Darren Balentine	Charlotte
Tina Egsegian Berger	Fuquay-Varina
Christina Biliouris	Fayetteville
H*Haley Sean Boone	Burlington
H*Amy Lautares Bracken	Sanford
***Susan Elizabeth Brooks	Whiteville
Dawn Elizabeth Cobb	Raleigh
Renee Elizabeth Coley	Concord
H*Lisa Ellen Coston	Greensboro
Dawn Love DeBruhl	Winston-Salem
Larry Edward Dugger	Cary
**Emily Kay Durham	Burlington
Samson Alexander Eymmer	Raleigh
Robin Snead Ferguson	Dallas, TX
H*Cherry Lurae Flake	Farmville
Joseph Mark Freeman III	New Bern
Samuel Douglas Gatlin	Belmont
Andrew Wayne Gunderson	Hendersonville
Margaret Mary Harrington	Raleigh
James Floyd Hedgpeth, Jr.	Laurinburg
Amy Elizabeth Hilt	Newport News, VA
Carla Ann Hogue	Charlotte
Shanelle Wanet Hunter	Raleigh
**Donald Craig Johnson	Garner
Dwuan Dorsa June	Gastonia
Ken Chin Kam	Kuala Lumpur, Malaysia
Susan Kotzan	Raleigh
Lanita Yvette Lowery	Wadesboro
Shenita Paulette Mangum	Robersonville
Lisa Caroline Mooring	Concord
H*Suzanne Patricia Perez	Fayetteville
Michael Andrew Petrizzo	Massapequa, NY
**Deborah Ragland Ragland	Clayton
**James Green Rea, Jr.	Charlotte
David Edward Shapiro	Raleigh
Natasha Eugenia Vale	Gastonia
Becky Anne White	Edenton
Dana Marie White	Burke, VA
David Sloan White	Burke, VA
John Latham Whitfield	Wendell
Emma Susan Windsor	Charlotte

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

BACHELOR OF ARTS IN FRENCH LANGUAGE AND LITERATURE

Degree Conferred June 27, 1989

*Betty Jane Glasgow Raleigh

Degrees Conferred August 9, 1989

Sherry Alicia Ellerbe Capital Heights, MD
†Ann Elizabeth Horvath Silver Spring, MD

BACHELOR OF ARTS IN HISTORY

Degrees Conferred June 27, 1989

Lisa Ann Clark Siler City
Brian Melvin Huffstetler Shelby
Michael Eugene McDaniel Elizabeth City
Daryle Scott Zechini Lynchburg, VA

Degrees Conferred August 9, 1989

Lee Gerard Beford Matthews
Colette Michelle Love Chapel Hill
Nancy Jo Martin San Deigo, CA
John Thomas Miller Goldsboro
David Lee Perry Morehead City
John Charles Ray, Jr. Raleigh
Paul Robert Shannon Rocky Mount
William Brock Slade Scotland Neck

Degrees Conferred December 19, 1989

*Laura Ann Alphin Mount Olive
Stephen Patrick Croushore Alexandria, VA
Judy Ann Harris Charlotte
*Lynda Gaye Moser Vienna, VA
Con Andrew Phillips Raleigh
**Cynthia Siira Robbins St. Cloud, MN
Paul Alan Starling Dunn
John David Szymeczek Washington

Degrees Conferred May 12, 1990

***Kim Ray Annas Wake Forest
Peter John Blutreich Wingate
Tiffany Nicole Boggs Lincolnton
Kenneth Goodwin Bunn Oxford
Sharon Ann Cannady Clinton
James Reece Caviness Chadbourn
***Lewis Norman Cornwall Goldsboro
David Caldwell Dixon Charlotte
Michael Edward Dixon Charlotte
*Van Ray Freeman, Jr. Apex
Sonya Dennee Kiser Winston-Salem
Kevrick Timothy McKain Eden
Jeffrey Allen Merritt Grifton
Michael Todd Nelson Kernersville
Philip Overton Ross Raleigh
James Bruce Runyon Hopkinsville, KY
***Steven John Russ East Detroit, MI
*Anne Elizabeth Slifer Atlanta, GA
**Crystal Lynn Spivey Sanford

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

*Edgar Linwood Thompson	Cary
James Shannon Toole	Syracuse, NY
*Marsha Jo Traylor	Washington, DC
Robert Richard Weil	Raleigh

BACHELOR OF SCIENCE IN HISTORY

Degrees Conferred December 19, 1989

Michael Stuart Prather	Raleigh
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Degree To Be Conferred May 12, 1990

Andrew Michael Smith II	Salisbury
†Donald Hugh Whitley	Goldsboro

BACHELOR OF ARTS IN MULTI-DISCIPLINARY STUDIES

Degrees Conferred June 27, 1989

Larry Robert Weger	Chicago, IL
Charla Faye Williams	Mebane

Degrees Conferred December 19, 1989

Benjamin Briggs II	High Point
Denise Marie Carlisle	Durham
Jean Marie Cartabiano	Richmond, VA
Susan Rosemary Efford	Wilmington
†***Dane Kinard Fisher	Salisbury
**Christopher Douglas Hoomani	Raleigh
†***Christopher Walker Johnson	Fuquay-Varina
†*Tiffany Paige Martz	Durham
Brock Allen Miller	Washington, PA
Hollie Renee Nicolaisen	Durham
†Edward Evans Smallwood	Durham

Degrees Conferred May 12, 1990

†*Robert Meredith Alexander	Boone
Annie Elizabeth Bartle	Raleigh
Margaret Ann Condon	Cincinnati, OH
Katherine Aline Gunther	Raleigh
Sammie Lyn Justice	Sneads Ferry
Elizabeth Louise Lancaster	Alexandria, VA
Katherine Helen Luetzelschwab	Littleton, CO
Craig Forrest Mathews	Denver
*Nathan Leroy McHenry	Durham
*Steven Gerard Muncy	Escanaba, MI
Kimberly Dawn Rosser	Sanford
Edward Lee Samuels	Wilmington
Cynthia Jewell Sawyer	Lynchburg, VA
*Dinah Austin Vannoy	Taylorsville

BACHELOR OF ARTS IN PHILOSOPHY

Degree Conferred June 27, 1989

***John Mason Bishop III	Raleigh
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Degrees Conferred December 19, 1989

Michael Joseph Ayers	Rocky Mount
***Amy Bailey Gray	Penland

†Co-major	*Cum Laude	**Magna Cum Laude	***Summa Cum Laude	H Honors Program
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Kevin Fulton McDonal	Raleigh
Golden Rayfield Smith	Shelby
Sally Catherine Trotter	Hickory

Degrees Conferred May 12, 1990

†David Herman Braxton	Durham
*Kevin Robert Downey	Raleigh
Robert Vaughn Funck, Jr.	Fayetteville
Robert Edwin Via	Charlotte

BACHELOR OF SCIENCE IN PHILOSOPHY

Degree Conferred June 27, 1989

Jeffrey Paul Lundrigan	High Point
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Degrees Conferred May 12, 1990

†**Henry Herbert Jacumin, Jr.	Rutherford College
*Kimberly Lynn Stitzinger	Raleigh

BACHELOR OF ARTS IN POLITICAL SCIENCE

Degrees Conferred June 27, 1989

Charles Wesley Albertson III	Richmond, VA
Terrence Eugene Evans	Havelock
Gary Smith Morgan	New Bern
Geoffrey Maurice Pearson	Lenoir
Helen Lewis Rigsbee	Durham
Elizabeth MacDonald Spurrier	Gastonia
Scott Fitzgerald Stevens	Raleigh
†Howard Julius Stott	Raleigh
Glenn Thomas Williamson	Aurora

Degrees Conferred August 9, 1989

Alex Robert Beguiristain	Coral Gables, FL
Christopher Daniel Blankenship	Cary
*Joseph Alton Bledsoe III	Fayetteville
†*Donna Annette Burge	Raleigh
Michael Richard Covi	Charlotte
Dan Edward Dowse	Delavan, WI
†Ann Elizabeth Horvath	Silver Spring, MD
Christy Tant Oakley	Cary
**David Brian Slaughter	New Bern
Carolyn Patricia Veale	Lewiston
Frederick Scott White	Jacksonville
Bruce Junior Whitehead	Tarboro

Degrees Conferred December 19, 1989

Eric Michael Beam	Lincolnton
H**Robert Glenn Blanton	Shelby
Kevin Jarrett Bullard	Tabor City
Jason Anthony Burcham	Greensboro
**Marianne Elisabeth Coats	Raleigh
Mark William Coley	Raleigh
Randy Eugene Furr	Concord
Kim Noel Giannattasio	Raleigh
John Felix Green II	Franklinton
Charles Brinkley Hamm	Tarboro

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

Bradley Walker Hoffman	Gastonia
John David Lennon	Washington, DC
Nola LaCount Maingi	Raleigh
Joel Patrick McCullough	Raleigh
*Paul Gregory McKenzie	Greensboro
Natalie Marie Phillips	Raleigh
Anne Kathryn Poole	Salemberg
Michelle Deneen Pope	Charlotte
Ronald William Pope, Jr.	Concord
**Lindsey Elizabeth Roebuck	Burke, VA
Mark Douglas Sheets	Mocksville
*William Eric Taylor	Greensboro
William Jordan Taylor	Wilson
Luther Thomas, Jr.	Laurinburg

Degrees Conferred May 12, 1990

H*Elizabeth Mazzyck Baggett	New Bern
*Stephen Garrel Banta	Viroqua, WI
Angela Carol Beavers	Siler City
Joanna Biliouris	Fayetteville
Jonathan Bradley Blake	Sanford
Stephon John Bowens	Raleigh
Wendy Kaye Brantley	Bunn
†David Herman Braxton	Durham
Lee Elkins Britt	Connelly Springs
Timothy James Cameron	Carthage
Eric Lynn Copeland	Belvidere
Yvette Elsie Cropper	Stamford, CT
Matthew Wayne Dean	Hickory
H*Leo Patrick Dacey	Wall Township, NJ
Teresa DeLoatch	Tarboro
**Laura Ann Edgerton	Alexandria, VA
Michael Henry Edmonds	Garner
**Douglas Bruce Elliott	Greensboro
William Francis Finn, Jr.	Chapel Hill
*Angela Carol Gentry	Charlotte
*Blair Thomas Glass	Lynchburg, VA
Anthony Lynn Godwin	Raleigh
Daniel Wayne Hague	Asheville
Warren Adomis Harris	Durham
Kenneth Wayne Hawley	Erwin
†Kara Eileen Heizer	Chapel Hill
Otis Craig Kempson	Asheville
Timothy John Krings	Fayetteville
Margaret Elizabeth Lancaster	Rockville, MD
*Scott Evan Leo	Raleigh
Stacy Lynn Long	Herndon, VA
David Goodwin Loyack	Lawrenceville, NJ
†Billy Dal Maddalon	Charlotte
Jeremy Scott Maddox	Greensboro
Ronald Christopher Mayer	Hampton Bays, NY
†Roberta Jean Merrifield	Linwood, NJ
*Daniel Raymond Palese	Danbury, CT
Michael Scott Sailer	Amelia, VA
Karen Elizabeth Ramsing Schroeder	Fort Leonardwood, MO
Leah Michelle Smith	Charlotte
William Drew Stanley	Nashville
Scott Alan Swindell	Cary

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

Stephen Ray Taylor	Raleigh
*Suzanne Marie Thomas	Raleigh
H*Stacye Joele Tolin	Summerfield
James Brian Trantham	Kannapolis
*Michael Sean Turner	Greensboro
Elizabeth Eva Wall	Manion
Tom Smith Whiting	Raleigh
Kirk Ashley Wilder	Richmond, VA
Lee Andrew Willis III	New Bern
Mark Daniel Woodworth	Raleigh

BACHELOR OF SCIENCE IN POLITICAL SCIENCE

Degrees Conferred December 19, 1989

Perry Cassimus Craver	Freehold, NJ
**Glenn Edward Hamilton	Raleigh
James Howard Hickland	Laurel Springs
†***Christopher Walker Johnson	Fuquay-Varina

Degrees Conferred May 12, 1990

†*Joseph Asiano Nguyen	Greensboro
David Jonathan Sullivan	Pine Level
*John Richard Witcher III	Lumberton
†Donald Hugh Whitley	Goldsboro

BACHELOR OF ARTS IN SOCIOLOGY

Degrees Conferred June 27, 1989

Bruce Thomas Gentry	Lumberton
Jane Woodbury Johnson	Greensboro
Nydia Felicia Jones	Dillwyn, VA
Robin Michelle Jones	Winston-Salem
Lynn Maria Krajack	Charlotte
Crystal Dawn Waters	New Bern
Christopher Bryan Yates	Charlotte
†Miren Karoline Zubizarreta	Caracas, Venezuela

Degrees Conferred August 9, 1989

Adene Yolanda Black	Cary
Jacqueline Rose Edards	Princeton
Alicie Susan Gordon	Wilson
Jill Rene Kohake	Cary
Dawn-Elise Kehaulani Miller	Roanoke, VA
Mark Jefferson Strickland	Roseboro

Degrees Conferred December 19, 1989

Cassandra Lynn Bell	Raleigh
*Laura Ann Bradford	Sanford
Lynn Michelle Brandon	Wake Forest
Kimberly Annette Bulluck	Rocky Mount
Gwen Denise Daves	Raleigh
Jenita Lynn Flowers	Sherrills Ford
Diatra Allyn Fullwood	Morganton
Virginia Francine Harrell	Goldsboro
Danae Elizabeth Lamm	Rocky Mount
Michele Ann Mannino	Cary
***Ellen Christine Miller	Landis

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Sharon Marie Rhew	Morrisville
Nicole Kirsten Stell	Cary

Degrees Conferred May 12, 1990

Melanie Terayne Agnew	Winston-Salem
James Thomas Anderson	Greensboro
*Mark John Beech	Cary
Leigh Ashley Blankinship	Raleigh
*Donna Leigh Boyette	Wilson
Amanda Carol Driesbach	Raleigh
Tracie Noel Duncan	High Point
Jennifer Lynn Evans	Raleigh
Ronald Scott Gantt	Mocksville
Carolyn Kay Grealey	Cary
**Carey Nelson Gregory	Advance
Rodney L Hamrick	Raleigh
David Glen Holton	Spring Lake
Suzanne Patrice Lawrence	Durham
Denise Renee Lozares	Rockingham
*Nancy Neff	Raleigh
Joseph Daniel Nye II	Raleigh
Christine Marie O'Sullivan	Cinnaminson, NJ
Frank Louis Powers	Lillington
**Alma Katherine Renfrow	Wilson
Stephen Ramseur Schenck	Greensboro
Kimberly Annette Smith	Raleigh
Gregory Eugene Spence	Raleigh
Amanda Elaine Talley	Silver Spring, MD
Regina Fay Watkins	Knightdale
Paige Hope Whitlow	Charlotte
Mary Louise Winters	Cary
Sidney Cullen Wright	Marshville
Jennifer Louise Young	Cary

BACHELOR OF ARTS IN SPANISH LANGUAGE AND LITERATURE

Degree Conferred August 9, 1989

Eric Morgan Thome	Richmond, VA
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Degrees Conferred December 19, 1989

†*Stefanie Anne Jernigan	Fayetteville
***Marian Davis Larrea	Cary
†***James Matthew Matson	Eden
Casimira George Rodriguez	Raleigh
***Margaret Elizabeth Thompson	Raleigh
Mary Ellen Welton	Charlotte

Degrees Conferred May 12, 1990

Annie Marie Buchanan	Raleigh
†Rebecca Louise Thompson	Greenville

BACHELOR OF ARTS IN SPEECH COMMUNICATION

Degrees Conferred June 27, 1989

Ginger Leigh Jeffords	High Point
Todd Stewart Johnson	Swansboro
Norman Randolph McArthur	Wendell
Edna Marie Robeson	Durham

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Sarah Carrington Taylor	Charlotte
***Lauren Rene Thompson	Fairhope, AL
Asail Scott Tulloss	Rocky Mount
Elizabeth Williams Twohy	Richmond, VA
†Miren Karoline Zubizarreta	Caracas, Venezuela

Degrees Conferred August 9, 1989

Sam Denton III	Wendell
Mark Thomas Gill	Raleigh
William Conrad Glass	Raleigh
Cynthia Carol Hanes	Churchland
Ana Monique Kent	Raleigh
Paul Bizzell Lewis	Raleigh
Patricia Anne Lux	Cary
Jacqueline Jeanne McBride	Gastonia
Gregory Wynn Meredith	Richmond, VA
Kristy Ann Oberlander	Raleigh
Julie Ann Ostrow	Raleigh
Jeffrey Alan Peters	Raleigh
Maureen Love Reese	Kensington, MD
**Mary Kathleen Rowland	Raleigh
David Bayne Russell	Charlotte
Mary Angela Trask	Frostburg, MD

Degrees Conferred December 19, 1989

Bonita Briquette Adams	Wilson
Pamela Jean Barnes	High Point
Ashley Catherine Carter	Greensboro
Joyce Mize Carter	Raleigh
DeWitt Duncan Clark III	Clarkton
Kristin Noelle Clemmer	High Point
***Susan Watkins Davis	Oxford
Joseph Lawrence Dean, Jr.	Raleigh
Pamela Dixon	Riegelewood
Christa Marie Doiron	Seminole, FL
Christine Marie Dunsmore	Raleigh
Benjamin Thomas Ellington	Concord
Scott Benjamin Fisler	Darden, GA
Dagny Harolynn Fleming	Bennettsville, SC
Tracy Jo Floyd	Rocky Mount
Lori Melissa Fuller	Pittsburg, PA
Julia May Goodnight	Salisbury
Todd Douglas Harris	Raleigh
Layton Ballard Harwell	Statesville
Arnold Rudolph Hinshaw III	Greensboro
Bryan Reeves Hoffman	Southern Pines
Wiley Anson Howard	Fuquay-Varina
Vanessa Johnson	Enfield
Charles Clifford Jones, Jr.	Apex
Kimberly Laura Kees	Eden
Aulet Kilpatrick	Winterville
Kassandra Lynette Love	Shelby
†*Tiffany Paige Martz	Durham
Karen Antoinette McCall	Fayetteville
Daren Lee McLamb	Dunn
Kevin Patrick McLaughlin	Charlotte
Floyd Rudy Mills, Jr.	Garner
*Catherine Lee Moeschet	Raleigh

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Suzanne Christina Myers	Raleigh
Allison Maria O'Neill	Hendersonville
Joseph William Sellers, Jr.	Kings Mountain
Keshia Shiver	Brooklyn, NY
Frances Michelle Slaughter	Jacksonville
†Edward Evans Smallwood	Durham
Charles Hunter Warner III	Savannah, GA
Michael John Wenhart	Raleigh
Mary Margaret West	Concord
Benjamin Hicks Whitaker	Franklinton
Melody Faith Williams	Rocky Mount
*David Elliott Wilson	High Point
Sonia Renee Wylie	Denver

Degrees Conferred May 12, 1990

Christopher Edward Adams	Parkton
Kathryn Wright Albrecht	Raleigh
Dawn Byrd Andrews	Durham
Kimberly Ann Ayer	Tallahassee, FL
Michael Carlo Barbee	Raleigh
Deborah Nerissa Bertrand	Brooklyn, NY
Christina Marie Blandi	Pittsburgh, PA
*Julie Anne Bradford	Springhill, LA
Kristin Burns Bradley	Springfield, VA
Scott Allan Brennan	Fayetteville
Summylin Denean Burton	Jacksonville
Anthony Guy Cacciarelli	West Bloomfield, MI
Philip John Patrick Campion	Raleigh
Glenn Dale Capel	Candor
Dale Anne Carter	Winston-Salem
Michelle Anne Charlesworth	Raleigh
Carla Jean Cobb	Burlington
Robin Lynn Crabtree	Hillsborough
Adrina Elizabeth Crichlow	Wyandanch, NY
Melinda Sheryl Cummings	Greensboro
William Francis Daly	Raleigh
Matthew Douglas Davis	Raleigh
Audrey Bernail Dawson	Vanceboro
Della Kay Dennis	Southern Pines
*Kristin Diane Doyle	Raleigh
Angela Marie Drye	Winston-Salem
Lisa Kim Floyd	Thomasville
***Joseph Thomas Gaitens	Cary
***Veronica Lynn Gibbs	Fayetteville
Gene Ray Gilmore	Fayetteville
Michael Raymond Given	Millburn, NJ
Joseph Scott Glass	Raleigh
Corwin Green	Amherst, MA
Eric Joseph Greene	Asheville
Susan Lane Greene	Star
Lisa Ann Guion	Aurora
Lance Robert Hammond	Jefferson, OH
Kathryn Elizabeth Hardee	Apex
Amy Shue Hays	Garner
Edmond Michael Heelan, Jr.	Greensboro
Robert Vance Helms	Advance
Kerri Lynn Hobbs	Mount Laurel, NJ
Jennifer Marie Holland	Lincolnton

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Wayne Russell Holland	Charlotte
Sherry Louise Honey	Concord
Trina Lane Hoover	Asheville
Burke Conrad Hutcheson	Chapel Hill
Andrá Romon Hyde	Fayetteville
Mark Steven Inman	Durham
Kirsten Jill Jenkins	Winston-Salem
Randall Keith Justice	Goldsboro
*Eleanor Doreen Kibler	Charlotte
Angela Denise Kirk	Winston-Salem
*William Erik Kramer	Woodland Hills, CA
Kit Lam	Hong Kong
Martha Elizabeth Lien	Charlotte
Melissa Hope Liles	Bailey
Darryl Stephon Lomick	Bessemer City
*Celia Lynn Lucas	Raleigh
†Billy Dal Maddalon	Charlotte
Eric Scott Mangrum	Upper Marlboro, MD
Kelli McNeil March	Cary
Rodney Taylor Martin	Martinsville, VA
Robert Lynn McCann	Raleigh
Brian Andrew McDonald	Birmingham, AL
Sally Lynn Miller	Raleigh
Kathryn Adrienne Millikan	Gainesville, GA
William Michael Milstead	Statesville
Kelly Elizabeth Mizell	Charlotte
Tracy Cecelia Mollura	Paoli, PA
Mary Kandace Morris	Elizabeth City
Monique Deneice Morris	Spring Valley, NY
Margaret Elizabeth Morrison	Charlotte
*Kyoko Murakami	Tottori, Japan
Eva Mae Murphy	Lewiston
*Lori Lynn Murray	Fayetteville
Gina Elizabeth Newell	Charlotte
Michele Lee Noll	Binghamton, NY
Holly Ann Nye	Raleigh
Thomas Martin Ollis	Stanfield
Patrice Kay Paul	San Francisco, CA
***Jeannie Marie Pegg	Marshall
Susan Elizabeth Powell	Charlotte
James Michael Propst	Raleigh
Steven Charles Prue	Greensboro
Thomas Astor Ramsey	Shelby
Mary Patricia Reilly	Springfield, IL
*Genette Lynn Robinson	Greensboro
Joseph Wesley Saundercook	Raleigh
Tracy Elizabeth Savage	Charlotte
*Beth Ellen Schnackenberg	Milwaukee, WI
Michele Chablis Schramm	Raleigh
*Kimberly Ann Schubert	Asheville
Melanie Shi Stogner	Raleigh
Chris Anne Summey	Hendersonville
Kimberly Ann Surles	Fayetteville
Frederick Murrill Sylvester	Emerald Isle
Jeanie Elleanor Taft	Raleigh
Robert Glenn Townsend III	Rae ford
Wendy Leigh Weatherman	Lumberton
Wade Jason Whitney	Columbia, MD
David Clark Wilk	Raleigh

† Co-major

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

H Honors Program

*Jean Marie Woessner	Stewartville, MN
William Michael Woods	Raleigh
Michael David Wright	Zebulon
Richard Mark Zanfardino	Myrtle Beach, SC
Timothy A. Zettel	Raleigh

BACHELOR OF SOCIAL WORK

Degrees Conferred June 27, 1989

Suzanne Carol Mallard	Raleigh
**Suzanne Olivia Miller	Potomac, MD

Degrees Conferred August 9, 1989

Darlene Dunay Dosio	Beacon, NY
Sarah Louise Newton	Greenville

Degrees Conferred December 19, 1989

Kimberly Ann Clayton	Pinehurst
Laura Susan Comer	Raleigh
***Verna Arthur Edwards	New Bern
Christina Marina Mejia	Raleigh
Melinda Moxin	Raleigh
Derek Roan Proctor	Rocky Mount
**Margaret Burden Seagroves	Cary
Andrea Nell Shrum	Shelby
Crystal Hope Whichard	Bath

Degrees Conferred May 12, 1990

Regina Ann Erhard	Rockaway Beach, NY
*Felix C. Germuth	Fayetteville
*Jodi Kristen Hall	Raleigh
†Kara Eileen Heizer	Chapel Hill
*Barbara Linda Levy	Raleigh
H***Cheryl Hawkins Theriault	Raleigh

College of Physical and Mathematical Sciences



BACHELOR OF ARTS IN CHEMISTRY

Degrees Conferred June 27, 1989

William Frank Kauder III	Greensboro
†William Scott Troutman	Florence, SC
***Pamela Emmanuele Wisniewski	Wake Forest

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

Degree Conferred August 9, 1989

†Wendy Earle Ryals	Raleigh
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Degrees Conferred December 19, 1989

James Michael Bowers	Raleigh
†Robert Franklyn Burke	Raleigh
Richard Clark Crowell	Wilmington
Charles Tracey Lancaster	Goldsboro
John Thomas McLean	Lenoir
Rhonda Lynn Mullis	Matthews
Andrew Scott Russell	Cary

Degrees To Be Conferred May 12, 1990

H†**James Lester Barbee IV	Hamlet
†***Robert Kevin Blackburn	Roseboro
†William Earl Blackwell, Jr.	Greensboro
Kathryne Alicia Brewington	Greensboro
***Michael Francis Buckley	Durham
†**William Edward Burton III	Conover
***David Alston Chesnutt	Turkey
†Ted C Davis	Overland Park, KS
H†**Michelle Lynne DuBois	Dallas, TX
†**Alston Elmo Dunbar III	Pantego
†Robin Elaine Freeman	Columbia, SC
†Dennis William Hall	Garner
†Wendy Noble Jefferson	Behhaven
Glenda Rene Jones	Monroe
†Sharon Renee Lingle	Raleigh
Christopher Todd Lowden	Charlotte
Amy Michelle McCormick	Greensboro
*John Marcus McManus	Fayetteville
†Christopher David Parks	Winston-Salem
Kristina Lynn Robinson	Newton
H†***Arlis Allen Taylor	Carthage
***Lori Renée Toth	Cary
†Karen Michelle Winningham	Winston-Salem
David Francis Worsley, Jr.	Garner

BACHELOR OF SCIENCE IN CHEMISTRY***Degree Conferred August 9, 1989***

Samuel Craig McClintock	Raleigh
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Degrees Conferred December 19, 1989

Whitney Stephen Averill	Portsmouth, NH
**Jerry Wayne Clark	Wake Forest
Steven Frederick Klose	Raleigh
Timothy Tyler Skelding	Burke, VA
John David Wallwork	High Point
Stuart Wayne Woods	Hendersonville

Degrees Conferred May 12, 1990

Michael Griffith Bartlett	Raleigh
***Deborah Marie Berg	Raleigh
**Johan Bo Bergeholtz	Raleigh
Charles Scott Brent	Winston-Salem

† Co-major	* Cum Laude	** Magna Cum Laude	*** Summa Cum Laude	H Honors Program
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Robert Loren Bridges	Riverside, CA
LeighAnne Carroll	Colmar, PA
H†**Sung Jin Cho	Raleigh
Karen Elizabeth Fearrington	Raleigh
Donald Rinehart Hagge III	Raleigh
Peter Hennessy Kariher	Greensboro
H***Krista Kasdorf-Connard	Charleston, WV
H**Susan Ellen Kuharcik	Wilmington
†Kelly Ann Mace	Pinnacle
Dewey Granville McCafferty	Raleigh
Antoinette Eugenia Pence	Raleigh
Kurt Gregory Reinbold	Fairfax Station, VA
Stephen Eric Slaughter	Maiden
Steven Alexandra Wilson	Mamers

BACHELOR OF ARTS IN GEOLOGY

Degrees Conferred December 19, 1989

H*Jerry Lee Burgess, Jr.	Rock Creek, WV
Stephen McRae Holmes	Bowdens
Randy Joel Pulley	Kittrell
Angela Michelle Sanderson	Raleigh

Degrees Conferred May 12, 1990

Stephen Andrew Hall	Louisburg
Edward Anderson Hull II	Charlotte

BACHELOR OF SCIENCE IN GEOLOGY

Degree Conferred August 9, 1989

Angela Teresa Daniels	Wilmington
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Degree Conferred December 19, 1989

Peter Sean Boyles	Cary
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BACHELOR OF SCIENCE IN MATHEMATICS

Degree Conferred June 27, 1989

Michael Wade McMullin	Havelock
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Degrees Conferred August 9, 1989

Richard Wark Cohan	Charlotte
**Margery Leigh Hollis	Charlotte
**Keiko Hoshino Suzuki	Tokyo, Japan

Degrees Conferred December 19, 1989

*Rachel Anne Bodner	Marietta, GA
Patricia Ann Gunter	Winston-Salem
Bessie Renee Hubbard	Fuquay-Varina
Syamala Ponnappalli Kasichainula	Raleigh
*Hok Kim	Seoul, Korea
John Vernon Logan	Wilson
Joseph James Morrocco IV	Elon College
***Laurie Ann Ryba	Garner
David Andrew Spears	Mars Hill
John Louis Von Hagen	Greensboro
*Roger Scott Yates	Denton

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

Degrees Conferred May 12, 1990

Lisa Ann Barcomb	Raleigh
Bryant Lewis Barnhardt	Burlington
Janis Merle Bigler	Potomac, MD
Lisa LaTonya Dixon	Garner
David Phillip Edwards III	Fayetteville
**Jerome Eric Estoye	Roanoke Rapids
†**Paula Berry Frazier	Fayetteville
*Scott Thomas Gray	Raleigh
*Melissa Raye Grimes	Kenly
Richard Earle Hallbeck, Jr.	Candler
Fred Leo Heller	Raleigh
†**Stephen David Hensch	Raleigh
Christopher Kemp Horne	High Point
Stuart Rex Jefferys	Kernersville
Laurie Lynn Overman	Kitty Hawk
†**Malinda Jane Piland	Mebane
David Forrest Simmons	Lumberton
*Dolly Denise Smith	Mooreville
Dustin Patrick Smith	Vass
***Candace Ruth Somers	Long Beach
David Sherman Torain II	Hillsborough
William Leonard Turner	Jacksonville
James Anthony Viegas	Bloomsbury, NJ
Mary Frances Williams	Raleigh
H*David Reid Wilson	Charlotte
Jason Gray Yeomans	Marshallberg

BACHELOR OF SCIENCE IN METEOROLOGY

Degrees Conferred June 27, 1989

Stephen Allen Burrus	Kinston
Raymond Allison Winstead III	Enfield

Degree Conferred August 9, 1989

Charles William Hale II	Tarboro
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Degrees Conferred December 19, 1989

H***Mototaka Nakamura	Yamaguchi City, Japan
Richard Ray Simpson	New Bern
Jeffrey Douglas Stewart	Burlington

Degrees Conferred May 12, 1990

Andrea Ann Adams	Alexandria, VA
H*Randall Jamil Alliss	Norfolk, VA
H Henry Thomas Bulluck	Rocky Mount
H***Joseph Jerome Cione	Montgomery, NY
Douglas Edwin Outlaw	Bishopville, SC
H Jeffrey Matthew Vukovich	Raleigh
H*Sharon Lynn Watkins	Raleigh

BACHELOR OF SCIENCE IN PHYSICS

Degrees Conferred August 9, 1989

†Christopher Walon Apple	Greensboro
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†Cum major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

Degrees Conferred December 19, 1989

***Charles John Brabec	Raleigh
Robert Ludwig Tucker	Raleigh

Degrees Conferred May 12, 1990

**Joffa Michele Applegate	New Bern
H***Michael Jennings Bennett	Columbus, OH
Rodney Craig Bloom	Browns Mills, NJ
H***Judith Elaine Bush	Raleigh
Jon Eric Carnes	Raleigh
**Cari Beth Carothers	Mebane
H***Darin Thomas Cox	Raleigh
†***David Brian Eason	Durham
John David Grovenstein	Raleigh
H**Paul Reece Huffman	Winston-Salem
**Lewis Elgin Johnson	Raleigh
William David Jones	Rockingham
H**Amitabh Mohan	Kanpur, India
**Gregory John Newman	Davidson
John Roy Retelle	Ft. Wayne, IN
John Wesley Stuart	New Bern
H*Shannon Elizabeth Wells	Winston-Salem

BACHELOR OF SCIENCE IN STATISTICS

Degree Conferred August 9, 1989

Tiwanda Michele Allen	Washington, DC
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Degrees Conferred December 19, 1989

Susan Houle Cosper	Raleigh
Luther Joshua Davis III	Washington
Stephen Carl Dobbins	Burlington

Degrees Conferred May 12, 1990

William Hirschmann Haiges, Jr.	Lancaster, PA
*Jeffrey Travis Morgan	Southport
Mark Allan Tobias	Lebanon, PA

College of Textiles



BACHELOR OF SCIENCE IN TEXTILE ENGINEERING

Jointly administered by the College of Textiles and the College of Engineering.

Degrees Conferred December 19, 1989

Robert Jay Bender	Fayetteville
†Stephan Max Bolliger	Spartanburg, SC

Degrees Conferred May 12, 1990

*Jinan Glasgow Bennett	Raleigh
Sherry Leslie Coonse	Granite Falls
*Nancy MarcheLe Evans	Wilson
Jennifer Rae Hash	Hope Mills
Brian Cletus Huss	Lincolnton
John Paul Knorr	Raleigh
Arleen Michelle McCoy	Goldsboro
John Timothy Roberts	Burlington
Robert Thomas Snyder, Jr.	Wilmington
†**Jane Elizabeth Stover	Charlotte

BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

Degree Conferred August 9, 1989

Richard Hart Fairfield, Jr.	Greensboro
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Degrees Conferred December 19, 1989

Douglas Jorge Cevdar	Tupelo, MS
James Garry Hough	Wadesboro
†Andrew Robert Romano	Greensboro

Degrees Conferred May 12, 1990

†Sandra Annette Bridges	Lawndale
Donald Wade Burgess	Gibsonville
Randi Ann Muir	Raleigh
John Charles Norton	Wingate
†Thomas Dieter Rathke	Charlotte
†***Steven Wayne Smith	Waynesville

BACHELOR OF SCIENCE IN TEXTILE AND APPAREL MANAGEMENT

Degrees Conferred June 27, 1989

Virginia Christine Galloway	Greenville
Charles Franklin Hollar	Newton

Degrees Conferred August 9, 1989

Michael Lynn Jones	Apex
***Aaron Edward Lintz	Madison
Carol Ann Presswood	High Point

* Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

Degrees Conferred December 19, 1989

Richard Gennaro Adesso	Raleigh
Alan Frank Albright	Burlington
Heinz Erich Altmann	Kannapolis
†Stephan Max Bolliger	Spartanburg
*Leah Rene Caviness	Lakeview
Lenwood Davis, Jr.	St. Pauls
Jeffrey Thomas Dixon	Farmville
**Paul Thomas Garner	Greensboro
Gary Conrad Haines	Charlotte
Kevin Lane Howerton	Burlington
Scott Andrew Matre	Charlotte
Peter Uwe Mekaillian	Encino, CA
Christopher Ellis Raynor	Beulaville
Quintin Lee Shuler	Gastonia
William Edward St. Pierre	Charlotte
Bruce Dale Weaver, Jr.	High Point
Larry Daniel Worrell, Jr.	Goldsboro

Degrees Conferred May 12, 1990

Johnnie Lynn Beasley	Henderson
Scott Anthony Bennett	Garner
Wendy Carol Blackwelder	Salisbury
Charles William Bolick III	Salisbury
Kenneth Gregory Bryant	Asheboro
Eugene Kittrell Butler	Axton, VA
Andrew Worth Cox	Ramseur
Jennifer Jill Denton	Raleigh
Michael Chun Duncan	Greenville
Robert Eugene Earp	Raleigh
Laura Elizabeth Faggart	Concord
Bret Harold Fisher	Charlotte
Charles Homer Flynt III	Greensboro
Robert Sean Gorman	Raleigh
James Milton Guy	Raeford
Amy Marie Hawkins	Hickory
Kentley Brian Hester	Gastonia
Michael Gregory Hook	Bessemer City
Donald Verner Horn II	Bessemer City
Harold Richard Hunnicutt III	Gastonia
**Anthony Scott Ingle	Hendersonville
Jeffrey Scott Johnson	Lowell
*Leslie Elizabeth Kausch	Clemmons
David Eugene Lee, Jr.	Benson
Randall Dean Matthews	Stokesdale
Graham Currie McCormick	Lumberton
Michael William Pereira	Bayboro
Bernadine Pitts	Fayetteville
Christopher Brian Rains	Elon College
**Carrie Schurecht	Barrington, IL
Anne Warden Sinkler	Memphis, TN
**Jennifer Lyn Smith	Laurinburg
**Suzanne Denise Smith	Charlotte
Julie Elizabeth Stevens	Mount Airy
**Ann Renee Stout	Burlington
Michaela Coggins Stout	High Point
***David Oliver Strickland	Willow Spring
Gregory Taylor Warren	Gastonia
Julienne Linnette Willetts	Boliva

†Cum-magor *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

BACHELOR OF SCIENCE IN TEXTILE SCIENCE

Degree Conferred June 27, 1989

Charles Douglas Kale Asheville

Degrees Conferred August 9, 1989

Maria Costa Demetriou Nicosia, Cyprus

James Kevin Martin Yadkinville

Degree Conferred December 19, 1989

Wiley Thomas Mayo III Farmville

Degrees Conferred May 12, 1990

†Sandra Annette Bridges Lawndale

**Michael David Carruthers, Jr. Durham

Dinh Uyen Tan Hickory

†Cirrelia Raye Thaxton Newport News, VA

†Keith Davis Westbrook Fayetteville

BACHELOR OF SCIENCE IN TEXTILES

Degrees Conferred December 19, 1989

Wendy Lee Christian Midlothian, VA

Radford Barnard Davis Raleigh

Degrees Conferred May 12, 1990

*Kim Suzanne Anderson Charlotte

Melissa Anne Boring Fletcher

Timothy David Sutton Clark Greensboro

Kimberly Lynn Davis Lumberton

Andrea Patrice DeLapp Concord

Ronald Keith Guyton Fayetteville

Bryan Keith Hutchens Sandy Ridge

Frank Laurier LaMontagne Henderson

Sherry Kaye Patterson Mount Olive

Luis Enrique Quevedo San Jose, Costa Rica

***Susan Barnett Sawyer Raleigh

Aida Semunegus Raleigh

Beth Adaire Sigmon Hickory

Lisa Deanna Smith Burlington

†Cirrelia Raye Thaxton Newport News, VA

Nancy Lea Turner Raleigh

†Keith Davis Westbrook Fayetteville

Sara Elizabeth White Greenville

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

DOCTOR OF VETERINARY MEDICINE



COLLEGE OF VETERINARY MEDICINE

Degrees Conferred May 12, 1990

Mary McMullan Alexander	Huntersville
David Edgar Anderson	Oak Ridge
Paul Sabetay Bencuya	Raleigh
Louis Duncan Beretich	Clinton
Joel Kirk Budd, Jr.	Sanford
Karen Marie Bulluck	Battleboro
Charles Marshall Coats	Rocky Mount
Stanley Cameron Corbin	Greensboro
John Jay Cox III	Chapel Hill
Susan Marie Dermer	Cary
Diana Whittier Dudley	Durham
Jack Gregory Gallagher	Raleigh
Anna Marie Gallo	Raleigh
Phyllis Ann Gensheimer	Raleigh
Barry Thomas George	King
Patsy Potter Gilliam	Grafton
Kristie Lee Gingery	Raleigh
Cheryl Renee Pope Goodwin	Winston-Salem
Glenn Larson Gray	Gastonia
Robert Samuel Hanes, Jr.	Raleigh
Lisa Ann Harrenstien	Raleigh
John Berry Harvey	Tryon
Bethany Dawn Heidler	Moorestown, NJ
Susanne Alicia Hughes	Snow Hill
Sue Ann Hurlbert	Cary
Elizabeth Elaine Jordan	Elizabeth City
Sandra Anne Justis	Concord
Ralph Augustus Keel, Jr.	Flat Swamp
Carol Marie Kelly	Cary
Jennifer Leadbetter Kingsley	Chapel Hill
Howard Sherman Krovetz	Raleigh
Julie Carol Lawrence	Colerain
Adrienne Otto Lee	Chapel Hill
Lorraine Overcash Linn	Monroe
Barry Dail Little	Durham
Jacqueline Locklear	Rowland
Mary Hope Lucas	Wilson
Karen Lynn Manuel	Winston-Salem
Eve Pinkham Mills	Raleigh
Sally Jane Moore	Wilmington
Amy Poteat Moye	Rutherfordton
Paula Louise Nelson	Chapel Hill
Patricia Lynne Niehm	Raleigh
Clint Townsend Nygaard	Rowland

*Co-major

*Cum Laude

**Magna Cum Laude

***Summa Cum Laude

H Honors Program

Michael Wayne Overton	Oxford
Daniel John Petrus	Atco, NJ
Mark André Plott	Raleigh
Forrest Ross Rich	Durham
Lynne Joyce Riley	Raleigh
Grady Leon Robbins III	Winston-Salem
Ruth Morton Roberts	Fletcher
Noreen Marie Roche	Raleigh
William Ezra Rodgers III	Eden
Frank John Rutowski	Fuquay-Varina
Steven Lee Schindler	Zebulon
Steven Robert Shackelford	Chapel Hill
Harry Owen Snelson	Asheville
Faye Marie Sparks	Raleigh
Melody Claire Speck	Hampstead
Rhonda Yvonne Vega	Raleigh
Robin Colletta Waters	Mount Airy

† Co-major * Cum Laude ** Magna Cum Laude *** Summa Cum Laude H Honors Program

GRADUATE DEGREES

Master's Degrees



MASTER OF AGRICULTURE

Degree Conferred August 9, 1989

Eric Nelson Caldwell Winston-Salem

Degrees Conferred December 19, 1989

James Ralph Britt, Jr. Mount Olive
Roger Neal Cobb Liberty
Edwin Lewis Phillips, Jr. Greensboro

Candidates for Degree May 12, 1990

Eduardo Ruben Secanell Reconquista, Argentina
Reuben Mitchell Smith Oak City

MASTER OF ARCHITECTURE

Degrees Conferred December 19, 1989

Azad Atashi Tehran, Iran
Andrew James Iatridis Tenafly, NJ
Phillip Reid Kiester Raleigh
Kyle Evan Troxell Winston-Salem
Peter McDearmon Witt Durham

Candidates for Degree May 12, 1990

Sarah Duncan Drake Pittsboro
Bradley Gale Ensiz Rapid City, SD
Bradley Wayne Farlow High Point
Diane Helen Filipowicz Manchester, NH
Donna Joy Globus Trenton, NJ
John McLean Jordan, Jr. Saxapahaw
Charles Roland Kelsey Ridgewood, NJ
Michael Ross Kersting Las Cruces, NM
Ana Castro Lipsecomb Montgomery, AL
Nathan Glen Maune Little Rock, AR
Geoffrey Neil Sifrin Savoy, South Africa
Katherine Louise Somers Healdsburg, CA
Elias John Torre Bloomfield Hills, MI
Steven Marcelo Urena Raleigh
Indrata Wangsaputra Jakarta, Indonesia

MASTER OF BIOLOGICAL AND AGRICULTURAL ENGINEERING

Candidate for Degree May 12, 1990

Iftikhar Ahmad Gujranwala, Pakistan

MASTER OF CHEMICAL ENGINEERING

Candidate for Degree May 12, 1990

Brian Dean Phenix Gulfport, MS

MASTER OF CHEMISTRY

Candidate for Degree May 12, 1990

Patrick Daniel Blacha Blackwood, NJ

MASTER OF CIVIL ENGINEERING

Degrees Conferred August 9, 1989

Roy Tilman Barker Oxford
Ying-Chih Chiu Taichung, Taiwan, Republic of China
Lynn Watson Evans Greenville
Ming Kao Taipei, Taiwan, Republic of China

Degrees Conferred December 19, 1989

James Ralph Batts, Jr. Cary
Nya Kwoiti Boayue Bundadin, Liberia
Diana Lynn Browne Virginia Beach, VA
Richard Eugene Graves Center Valley, PA
Houssein Abdullah Matar Beirut, Lebanon
Dwight Anthony Pakan Raleigh
Wen-Pei Sung Taichung, Taiwan, Republic of China

Candidates for Degree May 12, 1990

James Edward Canfield Charlotte
Hung-Shi Chen Kaohsiung, Taiwan, Republic of China
Jeffrey Charles Cole Miami, FL
Brian James Gardner Eure
Lidie Melin Green Richmond, VA
Patrick Alexander Keane Raleigh
Thomas Lee Koning Cary
Mark Etheridge Landis Cary
Karl Brian Peterson Charlotte
Humberto Adolfo Tasaico Raleigh
Billy Merle Williams, Jr. Williamson
Chenghsun Yang Taipei, Taiwan, Republic of China
Chi-Hui Yeh Kaohsiung, Taiwan, Republic of China

MASTER OF COMPUTER ENGINEERING

Degrees Conferred December 19, 1989

Shyh-Cheng Chuang Taipei, Taiwan, Republic of China
Terry MinYih Wang Taipei, Taiwan, Republic of China
Sz-Hung Yang Taipei, Taiwan, Republic of China

MASTER OF COMPUTER SCIENCE

Candidates for Degree May 12, 1990

Ching-Jye Chang Taichung, Taiwan, Republic of China
Robert Steven Coats Durham
Mary Elizabeth Drexler Raleigh
Jui-Fen Huang Taipei, Taiwan, Republic of China
Elizabeth Carsten Langston Cary
Yoshiko Shozuka Tokyo, Japan
Lien-Chi Yu Taipei, Taiwan, Republic of China

MASTER OF COMPUTER STUDIES

Degrees Conferred August 9, 1989

Tao-Chiung Chi	Taipei, Taiwan, Republic of China
Keh-Chen Sun	Taipei, Taiwan, Republic of China
Angela Ruth Teachey	Rose Hill
Jie Fu Wang	Canton, People's Republic of China
Shugang Yeh	Beijing, People's Republic of China

Degrees Conferred December 19, 1989

Sanjay Narsinva Matange	New Delhi, India
Richard James Spangler	Jefferson, WI
Donald Edward Weber	Raleigh

Candidate for Degree May 12, 1990

Yeh-Hung Chou	Taipei, Taiwan, Republic of China
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MASTER OF ECONOMICS

Degrees Conferred August 9, 1989

Niv Bauch	Haifa, Israel
Jirong Wang	Xian, People's Republic of China
Margaret Mahoney Wohlgenant	Cary

Degrees Conferred December 19, 1989

Bonnie Green Barrett	Raleigh
Mas Achmad Daniri	Jakarta, Indonesia

Candidates for Degree May 12, 1990

Carl Wayne Bundy	Raeford
Koichiro Hata	Osaka, Japan
Keith Fox Reed	Raleigh
John Lawrence Sorrels	Raleigh

MASTER OF EDUCATION

Adult and Community College Education

Degrees Conferred August 9, 1989

Ned Everett Delamar	Oriental
Pamela Jean Youngs-Maher	Pulaski, NY

Degrees Conferred December 19, 1989

Morris Jerome Dunn	Kinston
Janice Langdon Hastings	Raleigh
Michael Eugene Regans	Charlotte

Candidates for Degree May 12, 1990

Stephanie Jean Arneth	Cary
Betty Privott Dail	Edenton
Billy Gordon Green, Jr.	Raleigh
Donna Atwood Hunt	Sparta
Liane Elizabeth Salmon	Smiths Falls, Ontario, Canada
Naomi Priscilla Slifkin	Chapel Hill
Mark Thomas Taylor	Somersworth, NH
Herman Joseph Wright	Roseboro

Agricultural Education

Degree Conferred December 19, 1989

John Ray Davis, Jr. Louisburg

Candidates for Degree May 12, 1990

Lisa Yvette Bryan Bladenboro
Wiley Jones Lofflin, Jr. Denton
Beasley Berry Strickland Tabor City
Dewey Craig Waddell Fair Bluff

Curriculum and Instruction

Degrees Conferred August 9, 1989

Madeline May Allen Troy
Peggy Morgan Douglas Chapel Hill

Degrees Conferred December 19, 1989

Nancy Kenyon Crowley Raleigh
Margaret Jordan Todd Raleigh
Barbara Russell von Biberstein Burgaw

Candidates for Degree May 12, 1990

Lois Cobb Clement Birmingham, AL
Cheryl Jean DeBurkarte Stem
Joanne Elizabeth Glassford Raleigh
Louise Watson Lamm Bailey
John Edward Rothenberg, Jr. Raleigh
Melody Anne Helms Sears Charlotte
Deborah Blake Swain Cary
Jo Murphree Szontagh Cary

Educational Administration and Supervision

Degrees Conferred December 19, 1989

Vera Jane Palmer Warrenton
William Herbert Stocks Hookerton

Candidates for Degree May 12, 1990

Richard Rorex Losch Wilmington
Joan Owens Pierson Raleigh
Patricia Hampton Wiltshire Cary

Educational Administration and Supervision: Higher Education

Degrees Conferred August 9, 1989

Holly June Huso Aneta, ND
Kristopher Jerome Kaase Marietta, GA

Candidates for Degree May 12, 1990

Virginia Janet McDonald Cary
Mark Milton Pieters Newark, NY

Guidance and Personnel Services

Degrees Conferred August 9, 1989

Stephen Michael Blake Kingstree, SC
Patricia Ann Rainey Frazier Henderson
Alexandra Marie Jepson Raleigh

Degrees Conferred December 19, 1989

Robertson Williams Buck, Jr.	Raleigh
Susan Parler Hobbs	Raleigh
Teresa Louise Lineback	Cary
Barbara Hale Rhudy	Raleigh

Candidates for Degree May 12, 1990

Frankye Bynum Artis	Raleigh
Clifford Jay Doehring	Ferndale, MI
Pamela Pomeroy Erwin	Raleigh
Kathryn Durushin Kesler	Raleigh
June Marie Merlino	Durham
Mary Alice Tetro	Washington, DC

Mathematics Education

Degree Conferred August 9, 1989

Susan Oddo Redmond	Charlotte
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Candidates for Degree May 12, 1990

John Richard Griggs	Apex
Jennifer Lynn Oligee	Taylor Mill, KY

Middle Grades Education

Degrees Conferred December 19, 1989

Sandra Jane Satterfield Henegar	Zebulon
Sally Fowler Holloman	Durham

Candidate for Degree May 12, 1990

Caroline Jackson Lassiter	Raleigh
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Occupational Education

Degrees Conferred August 9, 1989

Lee Brown Jackson	Fremont
Jearline Harris Spence	Fort Barnwell

Degree Conferred December 19, 1989

Jacqueline Renee Powell	Raleigh
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Candidates for Degree May 12, 1990

Brenda Faye McCord Bish	Raleigh
Michael James Guerrero	Raleigh
Barbara Ann Kirkpatrick	Raleigh
Judith Tolson Lassiter	Wendell

Science Education

Degree Conferred December 19, 1989

Catherine McCluskey	Raleigh
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Candidates for Degree May 12, 1990

Jennifer Lee Andrews	Raleigh
Julia Dunning Cameron	Raleigh

Special Education

Degrees Conferred August 9, 1989

Ana Campbell Atwater	Raleigh
Paula Hickman Crawford	Raleigh
Lauren Brehm Henry	Raleigh
Wendy Denise Parker	Pfafftown
Lorraine Petkus	North Haledon, NJ
Frances Lynne Evans Walker	Raleigh

Degrees Conferred December 19, 1989

Michele Antonetti	Burgettstown, PA
Vaun Marie Tschieder	Raleigh
Ann Elizabeth Tyrey	Durham

Candidates for Degree May 12, 1990

Carole Elizabeth Mills Church	Morrisville
Kari Kamile Criswell	Cary
Mary Froese Enns	Raleigh
Linda Louise Leaver	Apex
Marian Elliott Looney	Kingsport, TN
Dorothy Lungen Meyer	Raleigh
Virginia Kosce Powell	Philadelphia, PA
Elizabeth Ann Majors Smith	Raleigh

Training and Development

Candidate for Degree May 12, 1990

*Walter Nowell Perry III	Raleigh
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MASTER OF ENGINEERING

Degrees Conferred December 19, 1989

Charles Eckner Graham, Jr.	Greensboro
Linh Hai Luong	Winston-Salem
Charles Brent Spencer	Newton

Candidates for Degree May 12, 1990

Stephen Paul Broadhead	Greenville
John McRee Davidson	Swannanoa
Glenn Thomas Haller	Asheville
Donald Elwood Marsh	Newark Valley, NY
William McCoy	Wilmington
Jerome James Reid	Greensboro
Catherine Collins Smith	Mooresville, IN
Robert Melvyn Thomas	Washington
Douglas Vaughn Wood	Xenia, OH

MASTER OF FORESTRY

Candidates for Degree May 12, 1990

William Mark Danuck	Raleigh
José Luis Romero	Cali, Colombia

(*Co-major in Public Affairs)

MASTER OF INDUSTRIAL ENGINEERING

Degree Conferred December 19, 1989

James Lee Penry High Point

MASTER OF INTEGRATED MANUFACTURING SYSTEMS ENGINEERING

Degree Conferred August 9, 1989

Carroll Gray Perkins Pilot Mountain

Degrees Conferred December 19, 1989

Chih-Chung Chen Taipei, Taiwan, Republic of China
Lee Paul Colbert Silver Spring, MD
Jason Keith Ruppert New Orleans, LA
Andreas Iacovos Savva Nicosia, Cyprus
Larry Edwin Smith, Jr. Taylorville, IL
Paul Hoi-Sui Wong Raleigh

Candidates for Degree May 12, 1990

James Andrew Grant Charlotte
Douglas Duff Greenwood Raleigh
Djohan Halima Medan, Indonesia
Ching-Lin Pan Shanghai, People's Republic of China
Kao-Kai Shaw Taipei, Taiwan, Republic of China
Michael Robert Spano Apex

MASTER OF LANDSCAPE ARCHITECTURE

Degrees Conferred December 19, 1989

Stephen Scott Bernard Toledo, OH
Paula Kay DeVille Cary
Brooks Haislip Gage Raleigh
Patricia Kearny Katz Atlanta, GA

Candidates for Degree May 12, 1990

Julia Haynsworth Barringer Florence, SC
Mark St. John Clapp Fayetteville
Scott Richard Griess Elmhurst, IL
Vernon Lee Carson Hershberger Columbia, SC
John Seaton Ives Woodbridge, CT
Peter Truesdell Lucey Raleigh
Timothy William Maloney Raleigh
Wendy Leone Olson Merced, CA
Joanne Benton Rubino Baltimore, MD
Catherine Jane Panning Voorhees Durham

MASTER OF LIFE SCIENCES

Degree Conferred August 9, 1989

Anne Derrien La Baule, France

Candidates for Degree May 12, 1990

Gwen Elizabeth Bullock Roxboro
Jorge Del Rio Lares, Puerto Rico
Sayyaparaju Madhusudana Raju Hyderabad, India

MASTER OF MATERIALS SCIENCE AND ENGINEERING

Degree Conferred December 19, 1989

David Phillip Malta Raleigh

Candidates for Degree May 12, 1990

Frank Fong Kai Lee Shantong, People's Republic of China
Safaa Sabry Said Cairo, Egypt

MASTER OF MECHANICAL ENGINEERING

Degrees Conferred December 19, 1989

Kwanho Choi Seoul, Korea
Michael Henry Van Haaren Epse, The Netherlands

Candidates for Degree May 12, 1990

Mark Edward Marler Charleston, SC
Vipul Bhadrakumar Sheth Baroda, India

MASTER OF NUCLEAR ENGINEERING

Degree Conferred August 9, 1989

John Bernard Waters Mount Prospect, IL

Degrees Conferred December 19, 1989

Shounak Madhusudan Athavale Pune, India
Ker-Chung Ching Taipei, Taiwan, Republic of China
Scott Wilson Moser Kannapolis

MASTER OF PRODUCT DESIGN

Degrees Conferred August 9, 1989

Sophie Kumm Burkheimer Bahama
Victoria Ko-Jye Chi Taipei, Taiwan, Republic of China
Alice Io Oglesby Putney, VT
Brian James Scott Seattle, WA
Julia Borden Stout Denver, CO
Patricia Leigh Tommerdahl Benson

Degree Conferred December 19, 1989

Jacqueline Gertrud Wheelaghan Edinburgh, Scotland

Candidates for Degree May 12, 1990

Max Justin Beck Raleigh
Margaret Elizabeth Callery Pottsville, PA
Susan Key Settergren Durham
Richard Chase Stone Deerfield, IL
Lisa Ellen Wollman Raleigh

MASTER OF PUBLIC AFFAIRS

Degrees Conferred August 9, 1989

Jennifer Lynn Alexander Columbia, SC
James Brookshire Bradshaw Wilson
Samuel Harold Chambers South Boston, VA
Kyle Purdom Fay Winston-Salem

Malcolm Andrew Frazier	Woodstock, VA
Gerardette Marita Furlow	Hampton, VA
Wayne Green	Richmond, VA
Roberta Anne Leighton	Brevard
Andrew McEachern	Raeford
Carol Ward Parker	Greensboro
David Edouard Marcel Patte	Nashville, TN
Dee Wynn Worden	Raleigh
Lisa Maria Wright	Raleigh

Degrees Conferred December 19, 1989

Alana Minette Ennis	Durham
Thomas Vance Holloman	Raleigh

Candidates for Degree May 12, 1990

Richard Evan Best	Old Tappan, NJ
Barbara Bolton DuRant	Oxford
Stephen John Gurganus	Raleigh
Jonathan Fonati Koffa	Raleigh
Laura Lynn McClain	Cary
John Stephen Ramey	Raleigh
Timothy Kyle Robinson	Wilmington
John Joseph Sandy	Parkersburg, WV
Elizabeth Neal Shipp	Fayetteville
Diana Nicklas Staley	Lock Haven, PA
Leigh Ann Weathers	Raleigh
Debra Joan West	High Point

MASTER OF RECREATION RESOURCES ADMINISTRATION

Degree Conferred August 9, 1989

*Carol Elizabeth Trost	Marquette, MI
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Candidates for Degree May 12, 1990

Janie Ruffin Albergotti	Norfolk, VA
*Sherry Lee Crose	Cincinnati, OH
Kenneth Randall Forrest	Poquoson, VA
*Timothy Ray Johnson	Smithfield
*Jill Kristine Krantz	Oregon, WI
*Terry Lee Patterson	Covington, VA
Cynthia Leigh Summer	Cherryville

MASTER OF SOCIOLOGY

Candidates for Degree May 12, 1990

Kimberly Gray Croom	Littleton
Johnny Tuan Noyes	Fayetteville

MASTER OF STATISTICS

Degree Conferred August 9, 1989

Jose Francisco Pastrana-Zuniga	San Jose, Costa Rica
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Degrees Conferred December 19, 1989

Richard Allen Bynum	Goldsboro
Robert Scott Cone	Tulsa, OK
Cynthia Anne Rodenberg	Cincinnati, OH
Stephen Joseph Shack	Raleigh

(*Co-major: Public Affairs)

Candidates for Degree May 12, 1990

Chai Ni Chang	Taipei, Taiwan, Republic of China
Richard York Davies	Staten Island, NY
William Robert Gould	Bozeman, MT
Julia Clare Graz	Omaha, NE
William Louis Kendall	Cincinnati, OH
Susan Melissa Starr	Weaver, AL

MASTER OF TEXTILES

Degrees Conferred August 9, 1989

Pinakin Dattatray Chaubal	Bombay, India
Giorgio Marco McBeath	Cleveland, OH
John Carver Standish	Loudonville, NY

Degree Conferred December 19, 1989

Rebecca Ann Mumaw	Mansfield, OH
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Candidate for Degree May 12, 1990

Daniel William Khoury	Montreal, Quebec, Canada
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Master of Arts Degrees



Archival Management

Candidates for Degree May 12, 1990

Eric Eugene Jackson	Leesburg, VA
Laura Ann Marino	Raleigh
Sandra Denise Moore	Elkin
James Mark Valsame	Garner

English

Degrees Conferred August 9, 1989

Sharon Marie Barrell	New Orleans, LA
Rosemary Del Fava Hallberg	Wake Forest
Phyllis Arrington Stephens	Milan, NY
Lucindy Alderson Willis	Shreveport, LA
Debra Lee Hancock Wolfe	Rock Hill, SC

†Co-major *Cum Laude **Magna Cum Laude ***Summa Cum Laude H Honors Program

Degrees Conferred December 19, 1989

Brian Mark Blackley	Raleigh
Anthony Victor Grausso	Raleigh
Clifford Maxwell Green	Raleigh
Kenneth Wayne Norris	Birmingham, AL
Debbie Hutchinson Oxendine	Maxton
David Warren Wilson	Raleigh

Candidates for Degree May 12, 1990

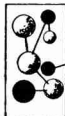
Patricia Janice Brasher	Raleigh
Perry Cameron Cumbie	Durham
John Gregg Cusick	Chapel Hill
Daun Daemon	Hudson
Peggy Marie Goodwin	Apex
Angeletta Kim Marie Gourdine	Charleston, SC
Laura Doles Ritchie	Williamsburg, VA
Kathryn Patricia Roe	Cary
Edward Alan Shannon	Park Ridge, NJ
June Tunfo Chang Tung	Raleigh

History

Degrees Conferred August 9, 1989

Margaret Scott Chrisawn	Greenville
James Scott Humphreys	Kinston

Master of Science Degrees



Adult and Community College Education

Degree Conferred December 19, 1989

Monica Lynne Mitchell	Pittsboro
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Candidate for Degree May 12, 1990

Dale Adams O'Neal	Raleigh
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Aerospace Engineering

Degrees Conferred August 9, 1989

James Robert Benton	Clemmons
Jonathon Craig McArthur	Reston, VA
James Michael Redmond	Charlotte
David William Witte	New Richmond, OH

Degrees Conferred December 19, 1989

Christopher John Fitzgerald	Redlands, CA
Francis Alphonza Greene	Hampton, VA
Susan Thomas Hudson	Bishopville
Holly Meyer Ross	Raleigh
Jeff Cartwright Taylor	Charlotte

Candidates for Degree May 12, 1990

Rusty Allan Benson	Grove City, OH
Donald Bruce Owens	Newport News, VA
Joseph Dale Simpkins	Gulfport, MS

Agricultural Economics

Degrees Conferred August 9, 1989

Linda Gail Gregory	Wilkesboro
Jorge Jose Siman	San Salvadore, El Salvadore

Degrees Conferred December 19, 1989

Grace Victoria Chomo	Raleigh
Luis Pedro Cussianovich	Lima, Peru

Agricultural Education

Candidate for Degree May 12, 1990

Evelyn McAdams Browning	Efland
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Animal Science

Degree Conferred August 9, 1989

Rebecca Lynn Krisher	Fairfield, OH
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Biochemistry

Degree Conferred August 9, 1989

Wiley Forbus Betts	Raleigh
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Biological and Agricultural Engineering

Degrees Conferred December 19, 1989

Susan Glass Capps	Charlotte
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Botany

Degree Conferred December 19, 1989

Teresa Carla Mularoni	Old Greenwich, CT
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Chemical Engineering

Degree Conferred August 9, 1989

Scott David Soltis	Sarasota, FL
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Degree Conferred December 19, 1989

Charles Michael Hamilton	Charlotte
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Candidate for Degree May 12, 1990

David Michael Razmus	Ellicott City, MD
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Chemistry

Degrees Conferred August 9, 1989

William Dale Carter, Jr.	Southport
Nada Farah Samaha	Raleigh

Degree Conferred December 19, 1989

William H. Reiss	Huntington, NY
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Candidate for Degree May 12, 1990

Vinitha Senaratne	Colombo, Sir Lanka
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Civil Engineering

Degree Conferred August 9, 1989

David Wayne Bramlett	Raleigh
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Degrees Conferred December 19, 1989

William Edgar Lee, Jr.	Fernandina Beach, FL
Sharon Annette Milstead	Charlotte
Alan Louis Stone	Bassett, VA

Candidates for Degree May 12, 1990

Peter Olayinka Adeleke-Sheidun	Benin City, Nigeria
Maher Georges Jabre	Beruit, Lebanon

Computer Engineering

Degrees Conferred August 9, 1989

Rajesh Abbi	New Delhi, India
Syed P. F. Ahmed	Raleigh
Geoffrey Abbott Allen	Pleasantville, NY
Caglan Mahmet Aras	Ankara, Turkey
Todd Alan Cook	Huntsville, AL
Wayne Carroll Gordon	North Jay, ME
Russell Stephenson Greer	Starkville, MS
Yong-Hee Jeon	Kyungbuk, Korea
Edward Michael Kaiser	Cary
Denise Ann Skroch	Raleigh
David Walter Thomas	Jasper

Degrees Conferred December 19, 1989

Janne Y. Abullarade	Raleigh
Randy Lee Cramp	Maple Shade, NJ
William Charles DeStein	Cary
Howard Donald Gage	Durham
Shrikant Ali Rangnekar	Bombay, India
Clayton Owen Shy	Raleigh

Candidates for Degree May 12, 1990

Kevin Greg Gunter	Santa Ana, CA
Tan Thanh Duy Phan	Fayetteville
Mark Baron Rauschenberger	Raleigh
Robert Stockton Ray	Raleigh
David Keith Smith	Orlando, FL
Douglas Alan Thomae	Mequan, WI

Computer Science

Degrees Conferred December 19, 1989

Brenda Faye Crutchfield	Camden, AL
Jayesh Vrajajal Ghia	Bombay, India
Jerry Lewis Pietenpol	Raleigh
Steven Eric Polge	Huntsville, AL
Wei Wu	Taipei, Taiwan, Republic of China

Candidates for Degree May 12, 1990

Ajay Madhusudan Athavale	Pune, India
Joann Marie Jennings	Raleigh
Amitkumar Manoharrao Paradkar	Badlapur, India

Computer Studies

Degrees Conferred August 9, 1989

Marshall David Brian	Zebulon
Edward Dean Holloman	Wilson

Degree Conferred December 19, 1989

Theodore Edwin Brooks, Jr.	Raleigh
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Crop Science

Degrees Conferred August 9, 1989

Uta Grieshammer	Verden, West Germany
Gail Elaine Mahnken	Frohna, MO
David Vaughn Uhr	Palatka, FL
Steven Frank Vozzo	Pompton Lakes, NJ
Martha Cameron Willcox	Winston-Salem
Zhimin Wu	Shanghai, People's Republic of China

Degree Conferred December 19, 1989

James Latham Hodges, Jr.	Washington
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Candidates for Degree May 12, 1990

Ann Lynette Low	Denver, CO
Jeana Lynn Myers	St. Albans, WV
Thomas Anthony Tucker	Greensboro

Curriculum and Instruction

Candidate for Degree May 12, 1990

Debora Miller Barton	Raleigh
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Ecology

Degree Conferred December 19, 1989

John Nuncie Sacco	Linwood, NJ
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Candidate for Degree May 12, 1990

Susan Mae Braxton	Raleigh
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Educational Administration and Supervision

Degree Conferred December 19, 1989

Karen Irene Kitchens	Hayesville
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Electrical Engineering

Degrees Conferred August 9, 1989

Apirux Bantukul	Bangkok, Thailand
Nita Johnson Byrd	Raleigh
Stephen Thomas Cochran	Columbia, MO
Jorge Alberto Dada	San Salvadore, El Salvadore
George George	Bangalore, India
Ronald Morris Holdaway	Richmond, VA
Ross Boyd Leavens	Galion, OH
Thomas Richard Neal	Glen Burnie, MD
Uzma Rehana Siddiqi	Raleigh
Blaine Allen Stackhouse	Charlottesville, VA
Aslihan Tumer	Ankara, Turkey

Degrees Conferred December 19, 1989

Wael Ahmad Al-Qaq	Silwan, Palestine
Robert Bruce Ash	Alma, WV
Steven Langley Blake	Denville, NJ
Mark Alan Bodenheimer	Knoxville, TN
Leonard Allan Bush	Raleigh
Miguel Eduardo Chavez	Lima, Peru
Gregory Keith Daugherty	Burlington
Alice Faye Forgety	Raleigh
Stephen Joseph Garnier	Kankakee, IL
John Thomas Gatsis	Raleigh
Montague Ernest Hardy III	LaGrange
Wade Eric Jackson	Florence, SC
Jeyhan Karaoguz	Raleigh
Hongseog Kim	Seoul, Korea
Subash Krishnankutty	Madras, India
Ivan Francisco Matulic	Sucre, Bolivia
Surajit Bapi Mukkerjee	Newark, DE
John Mark Mullen	Wake Forest
Amir Pirzadeh	Tehran, Iran
Michael LeRoy Riddle	Raleigh
Terrence James Riley	New Castle, PA
George William Schuman II	Saint Joseph, MO
David Beardsley Slater, Jr.	Raleigh
Arild Fuldseth Sundet	Trondheim, Norway
Jeffrey Lynn Timbs	Elizabethton, TN
Todd Michael Venema	Wheaton, IL

Candidates for Degree May 12, 1990

Jari Yrjo Arppe	Kokkola, Finland
Ugar Celikkan	Ankara, Turkey
Brian Walker Coughlan	Henderson
Cem Mehmet Dogrusoz	Ankara, Turkey
Donna Lynne Flora	Orlando, FL
Peter William Gollmar	Durham
Walter Eastburn Greene	Pontiac, MI
James Charles Hall	Cincinnati, OH
Craig Alan Hamilton	Bainbridge, GA
Deanne Wilson Isbell	Raleigh
Mark David Lamb	Milford, NH
Lorraine Elizabeth Lambert	Virginia Beach, VA
Karl Thomas Leinfelder	Chapel Hill
José Luis Medero	Carolina, Puerto Rico
William Leland Pribble	Lynchburg, VA
Valaiyakarani C. Ramesh	Madras, India

Dewey Samuel Roberts II	Sanford
Mark Allen Seoville	Wheaton, MD
Peter Michael Shea	Camden, SC
Michael Reid Slawson	Knoxville, TN
Richard Dean Suffridge	Raleigh
Larry Thomas	Wayne, PA
Thomas Aaron Winslow	Troutman
James Steven Worley	Greenville
Dahua Zhang	Beijing, People's Republic of China

Entomology

Degrees Conferred August 9, 1989

Cheng-I Chien	Taipei, Taiwan, Republic of China
Christopher David Harlow	Lafayette, IN
Stuart Henry McKamey	Santa Rose, CA

Degree Conferred December 19, 1989

William Lanier Nicholson, Jr.	Hiawassee, GA
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Candidates for Degree May 12, 1990

Christopher Dale Campbell	Lake Forest, IL
Michael Ralph Zeiss	Redington Beach, FL

Food Science

Degrees Conferred December 19, 1989

Constance Ann Caugherty-O'Neil	Vandergrift, PA
Julia Ellen Erickson	Corvallis, OR
Jeff Wayne Liebrecht	Delphos, OH

Candidates for Degree May 12, 1990

Patricia Ruth Butcher	Kloof, South Africa
Fatima Lisette Canjura	Guatemala City, Guatemala

Forestry

Degree Conferred August 9, 1989

Andrew Karl Wolgemuth	State College, PA
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Degrees Conferred December 19, 1989

Hans Paul Ehler	Park Ridge, IL
Juan Bernardo Jurado-Blanco	Maracay, Venezuela
Keith Fox Reed	Raleigh

Candidates for Degree May 12, 1990

Timothee Nembot Fomete	Dschang, Cameroon
Ann Hu	Changdu, People's Republic of China
Maria Pilar Zaldivar Garcia	Burgos, Spain

Guidance and Personnel Services

Candidate for Degree May 12, 1990

Jerry Ronald Sprague	Raleigh
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Horticultural Science

Degrees Conferred August 9, 1989

David Franklin Ruff	Hendersonville
Johan Marcel Stoop	Tervuren, Belgium

Degrees Conferred December 19, 1989

Gene Braxton Cross	Wake Forest
William Henry McCarthy	Birmingham, MI

Candidate for Degree May 12, 1990

Leslie Anne Bjelk	Sunnyvale, CA
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Industrial Engineering***Degrees Conferred August 9, 1989***

Sandeep Jaisingh Agarwal	Ahmedabad, India
Hsien-Lian Chou	Stanford, CA
Jong-Shin Liao	Taipei, Taiwan, Republic of China
Atthakorn Losong	Petchiburi, Thailand
Jacqueline Lee Reynolds	North Greenbush, NY
Rosalina Martin Rodriguez	Raleigh
Russell James Sojourner	Colorado Springs, CO

Degrees Conferred December 19, 1989

Krishna Kishore Ginjupalli	Visayawada, India
Shieng-Chyuarn Jang	Taipei, Taiwan, Republic of China
Charles Grant McKee	Durham
Darren Eugene Morris	Raleigh

Candidates for Degree May 12, 1990

Claude Swanson Graves III	Washington
Donna Jo Lauretta	Elmira, NY
Scott Jay Scherbenske	Falls Church, VA
Cecil Eilton Stackhouse, Jr.	Siler City

Management***Degrees Conferred August 9, 1989***

Denise Carol Byrd	Chase City, VA
Hsi-mei Chen	Taipei, Taiwan, Republic of China
Jone-Yeu Yang	Chunan, Taiwan, Republic of China

Degrees Conferred December 19, 1989

Joel Edward Battiste	Durham
Ching-Fei Chuang	Taipei, Taiwan, Republic of China
Gonzalo Jose Clemente	Caracas, Venezuela
Walter Fletcher Kelly, Jr.	Raleigh

Candidates for Degree May 12, 1990

Karen Leigh Chapman	Winston-Salem
John Anthony Esparza	Durham
Deborah Lynn Harner	Akron, OH
Rahul Madhav Joshi	Bombay, India
Scott Parker Liggett	Pittsburgh, PA
Katty Ooms	Leuven, Belgium
Tarek Ahmad Saudi	Amman, Jordan
Samuel Paul Stephenson	McGee's Crossroads
Mohammad Ahmad Syed	Meerut, India
Tsuey Juan Wu	Taichung, Taipei, Republic of China

Marine, Earth and Atmospheric Sciences

Degrees Conferred August 9, 1989

Michael Edward Adams	Milford, CT
William Henry Bauman III	Ossining, NY
Ronald Lester Dunie	Pittsburgh, PA
John Mark Egentowich	Hinsdale, IL
Bernard Joseph Genna	Medford, NY
Malay Jindal	Roorkee, U.P., India
Lawrence Dennis Moy	Chapel Hill
James deNoyon Pattee	Vestal, NY
Dale Robert Perry	Wichita, KS

Degrees Conferred December 19, 1989

Stephen Lowell Harden	Columbia, SC
Ajay Kumar	Raleigh
Laura Ann Nye	Akron, OH
Matthew James Parker	Charlotte
Jeffrey Chia-en Tsai	Raleigh

Candidates for Degree May 12, 1990

Constance Anne Crossley	New York, NY
Daniel Michael Eisenstein	Sicklerville, NJ
Marsha Carol Kinley	Dallas
Jeffrey William Martin	Wintersville, OH
Joseph Piazzola	Raleigh
Rose Angela Ragnacci	Trenton, NJ
Andrew Leigh Wachob	Buffalo, NY
Edmund Woloszyn, Jr.	North Versailles, PA

Materials Science and Engineering

Degrees Conferred August 9, 1989

Alan Todd Parsons	Hickory
Elizabeth Foster Smith	Mocksville

Degrees Conferred December 19, 1989

Cheryl Diane Davis	Goldsboro
Mark David Fisher	Raleigh
George Thomas Goudey	Raleigh
Laxman Murugesu	Visakhapatnam, India
Rita Kimari Prasad	Raleigh
Takeshi Tachibana	Osaka, Japan
Vasudev Venkatesan	Madras, India

Candidates for Degree May 12, 1990

John Peter Bade, Jr.	Hopewell Junction, NY
Winston Scott Blackley	Wilmington
James Timothy Kelliher	Somerville, MA
John Gilford Pellerin	Hollywood, FL
James Mark Roberts	Raleigh

Mathematics (Applied)

Degrees Conferred August 9, 1989

Mihail Angelidis	Athens, Greece
Laura Anne Britt	Raleigh
Young-Soog Hyun	Seoul, Korea

Degrees Conferred December 19, 1989

Laric Eugene Copes	Beaufort
Terri Lynn Kammerer	Pittsburgh, PA
Jinhyo Kim	Seoul, Korea

Candidates for Degree May 12, 1990

Wanda Keturah Anderson	Columbia, SC
Webb Lewis Burgess	Raleigh
Thierry Jean-Pierre Chaussalet	Besancon, France
David Lee Chinkes	Raleigh
John Russell Taylor	Rocky Mount
Li Wang	Shanghai, People's Republic of China

Mechanical Engineering

Degrees Conferred August 9, 1989

David Allen Grigg	Charlotte
Michael Hung-Tai Luh	Raleigh

Degrees Conferred December 19, 1989

Langdon Stanford Bennett	Raleigh
Joseph Dean Drescher	Harrisonburg, VA
Charles Patrick Eakes	Greensboro
Jonathan Richard Hamilton	Gloucester
Charles Alan McKeel	Princeton
Junergen Panoscha	Tryon

Candidates for Degree May 12, 1990

William Chris Eaton	Advance
John Adams Harris	Clarksville, VA
Randy Alan Hight	Franklinton
Frank Middleton Mungo	Pageland, SC
Vicki Lynn Owen	Smithfield

Microbiology

Degrees Conferred August 9, 1989

Scott Reynolds Jeffrey	Richmond, VA
Susan Rose Lanning	Raleigh
David Ewell Slade	Raleigh

Degrees Conferred December 19, 1989

David Allen Freeman	Garner
Mary Elizabeth Mainous	Norton, VA
April Alison Smith	Reynoldsville, PA

Candidates for Degree May 12, 1990

John Shields Morris	Asheville
David Franklin Pence	Raleigh

Nuclear Engineering

Degrees Conferred December 19, 1989

Seung-Jae Han	Seoul, Korea
Roger Lee Thomas, Jr.	Greensboro

Candidates for Degree May 12, 1990

Richard Herman Rustad	Aiken, SC
Sairaju Tallavarjula	Visakhapatnam, India

Nutrition

Degree Conferred August 9, 1989

Christopher Andrew Bowie Covington, GA

Degree Conferred December 19, 1989

Clay Alan Zimmerman Walkersville, MD

Candidates for Degree May 12, 1990

Joel Leslie Johnson Morrisville

Donald William Kelemen Charlotte

Occupational Education

Degree Conferred December 19, 1989

Theodore Joseph Branoff Cary

Operations Research

Degree Conferred August 9, 1989

Tawfik Ali Gad Alexandria, Egypt

Candidate for Degree May 12, 1990

Hassan Ashraf Allouba Cary

Physics

Degrees Conferred December 19, 1989

William Scott Enloe Edneyville

Yvonne Marie LeGrice Jacksonville

Michael William Thelander Norfolk, VA

Physiology

Degree Conferred August 9, 1989

Janet Lynn Fisher Belle Center, OH

Degrees Conferred December 19, 1989

Carol Beth Goetze Raleigh

Jacqueline Umstead Johnson Raleigh

Sherry Lynn Sinclair Clinton

Candidates for Degree May 12, 1990

Eric Robert Jones Gibsonburg, OH

Dean Edward Morbeck Milwaukee, WI

Steven Gary Wolfe Raleigh

Karen Alisa Fry Zimmerman Annandale, VA

Plant Pathology

Degree Conferred August 9, 1989

Brian Charles Eshenaur Harrisburg, PA

Degree Conferred December 19, 1989

Patricia Jo Dudash Avon Lake, OH

Psychology

Degrees Conferred August 9, 1989

Thomas Stanton Brugler	Toledo, OH
Sandra Louise Miller	Marietta, GA
James Russell Peeler	White Sulphur Springs, WV

Degrees Conferred December 19, 1989

Sylvia Yvonne Bittle	Charlotte
Lycia Anne Carter	Cambridge, MA
Frederick Scott Hunter Krauss	Waynesville

Candidates for Degree May 12, 1990

Copper MacKenzie Coggins	Asheville
Renee Louise Mercer	Charlotte

Recreation Resources Administration

Degree Conferred August 9, 1989

Jonelle Scott Nuckolls	Baltimore, MD
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Degree Conferred December 19, 1989

Juikun Kuo	Tainan, Taiwan, Republic of China
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Candidates for Degree May 12, 1990

Claude Horace Ellington, Jr.	Washington
David Andrew Holdstock	Nottingham, England
Laurie Elaine Loker	Mt. Brydges, Ontario, Canada
Elizabeth Tess Luman	St. Louis, MO

Rural Sociology

Candidates for Degree May 12, 1990

Arnold Steven Bell	Fayetteville
Matthew Virgil Pruitt	Bowling Green, KY

Science Education

Degree Conferred December 19, 1989

Alice Davis Anderson	Wilmington
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Soil Science

Degree Conferred August 9, 1989

Robert Carl Freese	Holden, MA
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Degrees Conferred December 19, 1989

Fahmuddin Agus	West Sumatra, Indonesia
Ralph Michael Coolman	Menomonee Falls, WI
David Frederick Weymann	LaCanada, CA

Textile Chemistry

Degree Conferred August 9, 1989

Jiunn-Yow Chen	Taichung, Taiwan, Republic of China
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Degree Conferred December 19, 1989

Timothy Winfield Towell	Towaco, NJ
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Candidates for Degree May 12, 1990

Joseph Franklin Hotter	Cary
Charles Clayton Sloop III	Concord

Textiles

Degrees Conferred August 9, 1989

Pau-Lin Chen	Taipei, Taiwan, Republic of China
Elizabeth Ann Moore	Riverview, MI

Degrees Conferred December 19, 1989

Kathleen Davis Batton	Pueblo, CO
Pravin Dhundiraj Gangal	Thana, India
Hyojin Kim	Allentown, PA
Alan Lowell Price	Belleville, KS

Candidates for Degree May 12, 1990

Robert Emerson Allison, Jr.	Cleveland
Jong-Ju Kim	Seoul, Korea
Lana Michele Poffenroth	Calgary, Alberta, Canada
Simon Dele Senibi	Kabba, Nigeria

Toxicology

Degree Conferred December 19, 1989

Linda Jeanne Schmidt	Oriskany, NY
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Candidates for Degree May 12, 1990

Scott Oliver Knowles	St. Petersburg, FL
David Anthony Tulis	Raleigh

Veterinary Medical Sciences

Candidate for Degree May 12, 1990

John Richard Dodam	Raleigh
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Vocational Industrial Education

Degree Conferred December 19, 1989

Alex James Procter	Rocky Mount
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Wildlife Biology

Degree Conferred August 9, 1989

Laura Jeanette Mitchell	Greensboro
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Degree Conferred December 19, 1989

Victor Ricardo Doig	Ormond Beach, FL
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Candidate for Degree May 12, 1990

Alton Emory Kinlaw	Eustis, FL
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Wood and Paper Science

Degrees Conferred December 19, 1989

Mohamad Jamil Abuhasan	Perak, Malaysia
Carol Diane Bronsdon	Issaquah, WA

Zoology

Degree Conferred August 9, 1989

Deborah Elspeth Young Blacksburg, VA

Degrees Conferred December 19, 1989

Karen Marie Kracko Albuquerque, NM

Gerald Brian Pottern Springfield, MA

Doctor of Education Degrees

Degrees Conferred August 9, 1989

David Elwood Aman, Curriculum and Instruction
Jacksonville, North Carolina

Dissertation: Choosing Schools of Choice: An Ethnographic Study of How Parents Choose Magnet Schools for Their Children. (Under the direction of Barbara M. Parramore.)

Linda Dale Briggs, Adult and Community College Education
Butner, North Carolina

Dissertation: AIDS Education on the Streets: Perspectives on Educating the Alienated. (Under the direction of Arlene Fingeret.)

Donald Wayne Cobb, Adult and Community College Education
Henderson, North Carolina

Dissertation: Leadership Effectiveness on County Extension Directors: A Comparison of Perceptions between County Extension Agents and County Extension Directors within the North Carolina Agricultural Extension Service. (Under the direction of R. David Mustian.)

Pamela Ballance Edwards, Occupational Education
Kenly, North Carolina

Dissertation: Continuing Education Needs Perceived by North Carolina Associate Degree, Diploma and Baccalaureate Degree Registered Nurses. (Under the direction of Joseph R. Clary and Ruth M. Patterson.)

Lula Whichard Everett, Adult and Community College Education
Greenville, North Carolina

Dissertation: Factors That Contribute to Stepfather-Stepchild Relationships. (Under the direction of Arlene Fingeret.)

Victoria Ann Foster, Guidance and Personnel Services
Raleigh, North Carolina

Dissertation: Adolescent and Young Adult Females Making an Abortion Decision: A Profile of Ego and Moral Development. (Under the direction of Norman A. Sprinthall.)

Aldine Kieffer Guthrie, Adult and Community College Education
Greenville, North Carolina

Dissertation: Factors That Influence Management Styles of Hospital Chief Executive Officers in North Carolina Hospitals. (Under the direction of J. Conrad Glass, Jr.)

Gloria Ann Lindsay, Guidance and Personnel Services
Spindale, North Carolina

Dissertation: Promoting the Development of High-risk College Students through a Deliberate Psychological Education-based Freshman Orientation Program—A Follow-up Study. (Under the direction of Don C. Locke.)

Ottis Lilburn Murray, Jr., Adult and Community College Education
Pembroke, North Carolina

Dissertation: An Examination of Low Income Farmworker's Participation in a CETA Program in Robeson County, North Carolina: A Search for Variables Related to Training and Employment Success. (Under the direction of J. Conrad Glass, Jr.)

Joye Alice Norris, Guidance and Personnel Services

Raleigh, North Carolina

Dissertation: The Relationship between the Conceptual Levels of Adult Basic Education Students and Performance on the Tests of Adult Basic Education (TABE). (Under the direction of Norman A. Sprinthall and Arlene Fingeret.)

Rhonda Hefner Patterson, Guidance and Personnel Services

Raleigh, North Carolina

Dissertation: The Effect of Relationship Skills Training on the Moral and Cognitive Development and Empathic Responding of Parents. (Under the direction of Don C. Locke and Debie D. Saidla.)

Ernestine Brown Small, Adult and Community College Education

Greensboro, North Carolina

Dissertation: Factors Associated with Political Participation of Nurses. (Under the direction of Ronald W. Shearon.)

Florence Currie Taylor, Adult and Community College Education

Kenansville, North Carolina

Dissertation: Adult Basic Education Directors' Perceptions of the Impact of Curriculum Level Funding on Adult Basic Education in North Carolina. (Under the direction of Arlene Fingeret.)

Degree Conferred December 19, 1989

David Carroll Jeffiers, Adult and Community College Education

Taylorsville, Kentucky

Dissertation: Factors Associated with Adult 4-H Volunteers' Evaluation of Life Skills Development among Participants in the Kentucky 4-H Program. (Under the direction of Edgar J. Boone.)

Candidates for Degree May 12, 1990

Elazer James Barnette, Industrial Arts Education

Cramerton, North Carolina

Dissertation: The Identification of the Major Concepts That Define Technological Literacy for Precollege Education. (Under the direction of V. William DeLuca and Richard E. Peterson.)

Mary Elizabeth Beckner, Adult and Community College Education

Hagerstown, Maryland

Dissertation: Factors Affecting the Learning of Altruistic Values by Adults: A Case Study in a Medical Training System. (Under the direction of Arlene Fingeret.)

Brian Carson Blount, Adult and Community College Education

Greensboro, North Carolina

Dissertation: The Role of Communications Media in Decision Making: A Study of Selected North Carolina Agribusiness Chief Executive Officers and Their Perceptions of Communication Media. (Under the direction of R. David Mustian.)

Irene Adams Brownlee, Adult and Community College Education

Durham, North Carolina

Dissertation: Profile of Women Students in North Carolina Community Colleges. (Under the direction of J. Conrad Glass, Jr. and Ronald W. Shearon.)

Barbara Blue Carruthers, Curriculum and Instruction
Garner, North Carolina

Dissertation: Learning Disabled Students' Achievement in the North Carolina Basic Education Plan Summer School Program. (Under the direction of Cathy L. Crossland and Bettye MacPhail-Wilcox.)

Elizabeth Hastings Conroy, Guidance and Personnel Services
Durham, North Carolina

Dissertation: A Cognitive Developmental Cross-age Tutoring Experience for Academically Gifted Fifth Graders. (Under the direction of Edwin R. Gerler, Jr. and Norman A. Sprinthall.)

Virginia Gayle Tart Davis, Adult and Community College Education
Dunn, North Carolina

Dissertation: The Relationship of Maternal Knowledge of Asthma to Control of the Child's Asthma, Maternal Perceived Uncertainty and Maternal Ability to Function in Society. (Under the direction of Ronald W. Shearon.)

Willard Stanley Garren, Occupational Education
Chocowinity, North Carolina

Dissertation: An Experimental Evaluation of Using Computer Aided Design Simulations in Teaching Basic Electronics at the College Level. (Under the direction of William J. Haynie and Richard E. Peterson.)

Rickey Lynn Garrett, Adult and Community College Education
Roxboro, North Carolina

Dissertation: Factors Associated with the Governance of State Community College Systems in the United States, 1990. (Under the direction of Edgar J. Boone.)

Robert Washington Gay, Jr., Adult and Community College Education
Raleigh, North Carolina

Dissertation: Factors Associated with Attrition among Former Part-time Adult Students at North Carolina State University, 1982-1986. (Under the direction of Edgar J. Boone.)

Regina George-Bowden, Adult and Community College Education
Durham, North Carolina

Dissertation: Academic Performance of Adults in Traditional High School Diploma Programs and High School Equivalency Certificate Programs. (Under the direction of R. David Mustian.)

Kim Felecia McPherson Greene, Occupational Education
Waycross, Georgia

Dissertation: Perceived Barriers toward College Enrollment of African American High School Seniors. (Under the direction of Joseph R. Clary and James L. Flowers.)

Russell Clayborn King, Adult and Community College Education
Wise, North Carolina

Dissertation: Attitudes of North Carolina Tobacco Producers toward Tobacco Production and Marketing: A Study of Factors That Affect Continued Production. (Under the direction of R. David Mustian.)

Pamela Allison Klute, Occupational Education
Mishawaka, Indiana

Dissertation: The Effects of Supportive Mailings on Smoking Reduction Levels in Smoking Cessation Courses. (Under the direction of Gary E. Moore.)

Paul Lee Leeland, Adult and Community College Education
Washington, North Carolina
Dissertation: Effect of Participation in the Clinical Pastoral Education Program upon Level of Moral Development among Clergy. (Under the direction of Ronald W. Shearon.)

Larry Eugene Price, Occupational Education
Middlesex, North Carolina
Dissertation: Attitudes of School Administrators in the Southern Region of the United States toward Agriculture Education. (Under the direction of Larry R. Jewell.)

Alan Keith Ray, Adult and Community College Education
Waynesville, North Carolina
Dissertation: Assessment of Learning Outcomes in Non-credit Continuing Education and Training: A Status Study. (Under the direction of Grover J. Andrews and J. Conrad Glass, Jr.)

Roger Dale Safrit, Adult and Community College Education
Salisbury, North Carolina
Dissertation: Values Clarification in the Strategies Planning Process of an Adult Education Organization. (Under the direction of Edgar J. Boone.)

Barry Wayne Saunders, Adult and Community College Education
Roxboro, North Carolina
Dissertation: The Relationships between Job Status, In-service Training and Specified Job Outcomes among Highway Maintenance Workers in the North Carolina Department of Transportation. (Under the direction of Ronald W. Shearon.)

Peggy Sue Dupree Smith, Curriculum and Instruction
Angier, North Carolina
Dissertation: Planning, Implementing and Maintaining a Middle School Program: A Case Study of Excellence in High Point, North Carolina. (Under the direction of John F. Arnold and Robert T. Williams.)

Jane Davis Steelman, Curriculum and Instruction
Winston-Salem, North Carolina
Dissertation: Facilitating Cognitive Development and Improving Writing Achievement of Middle Level Students through a Role-taking Experience (Newspaper) Using Computers (Word Processors). (Under the direction of Ellen S. Vasu.)

Warren Trent Strickland, Adult and Community College Education
Hamlet, North Carolina
Dissertation: A Study to Identify and Evaluate Staff Development Training Components in Locally Organized Staff Development Activities for North Carolina Public School Teachers. (Under the direction of J. Conrad Glass, Jr.)

Clyde Ray Taylor, Adult and Community College Education
Pikeville, North Carolina
Dissertation: Motivational Orientations of the Military Non-traditional Student: Attitudinal Variables Affecting Participation in Off-campus Undergraduate Degree Programs. (Under the direction of J. Conrad Glass, Jr.)

Jon Lee Wiggs, Adult and Community College Education
Wendell, North Carolina

Dissertation: Perspectives on General Education and Job Skills Training in the North Carolina Community College System: A Case Study of Organizational Policy Development. (Under the direction of Edgar J. Boone and Ben E. Fountain, Jr.)

Charlotte McDougal Wilkinson, Guidance and Personnel Services
Durham, North Carolina

Dissertation: Peer Helping: The Comparative Effects of Training and Experiential Learning on Psychological Growth of Secondary School Pupils. (Under the direction of Norman A. Sprinthal.)

Margaret Jean Prince Wittman, Guidance and Personnel Services
Greensboro, North Carolina

Dissertation: Cognitive Developmental Level and Clinical Behaviors in Occupational Therapy Students: An Exploratory Investigation. (Under the direction of Norman A. Sprinthal.)

Doctor of Philosophy Degrees

Degrees Conferred August 9, 1989

Sabit Adanur, Fiber and Polymer Science
Istanbul, Turkey

Dissertation: Dynamic Analysis of Single Nozzle Air-jet Filling Insertion. (Under the direction of Mansour H. Mohamed.)

Adedamola Akinyemi Ademoyero, Toxicology
Ile-Oluji, Nigeria

Dissertation: Description of Toxicity of Scirpenols and Lack of Interaction between Lutein and Alfatoxin in Young Broiler Chickens. (Under the direction of Pat B. Hamilton.)

Diane Gail Alston, Entomology
Montclair, California

Dissertation: Response of *Heliothis zea* (Lepidoptera: Noctuidae) and Annual Weed Populations to Soybean Growth Alterations Caused by *Heterodera glycines* (Nematoda: Heteroderidae). (Under the direction of Julius R. Bradley, Jr.)

William Frank Anderson, Crop Science
Raleigh, North Carolina

Dissertation: Early Generation Selection for Resistance to *Cercospora arachidicola* and *Cercosporidium personatum* in Peanut (*Arachis hypogaea* L.). (Under the direction of Johnny C. Wynne.)

John Michael Anthony, Physics
Cleveland, Ohio

Dissertation: Systematics of K-Auger Electron Production by 4 - 8 MeV Carbon Ions Following Collisions with Gas Targets. (Under the direction of Christopher R. Gould and Stephen M. Shafroth.)

Laura Jean Arwood, Genetics

Burlington, North Carolina

Dissertation: A Functional Approach to the Characterization of Wheat HMG Proteins. (Under the direction of Steven L. Spiker and William F. Thompson.)

Rodger Darrell Ballentine, Psychology

San Antonio, Texas

Dissertation: Numerical Classification of U. S. Air Force Enlisted Jobs: An Application of the General Work Inventory. (Under the direction of J. William Cunningham.)

Glenn Randal Bathke, Soil Science

Barnwell, South Carolina

Dissertation: Soil Physical Property Variability and Moisture Redistribution across a Dissected Piedmont Landscape. (Under the direction of D. Keith Cassel.)

John William Brown, Economics

Raleigh, North Carolina

Dissertation: An Analysis of the Economic Potential for Hybrid Striped Bass Culture. (Under the direction of James E. Easley, Jr.)

Gerald Edward Brust, Entomology

Munroe Falls, Ohio

Dissertation: Abiotic and Biotic Effects on Southern Corn Rootworm, *Diabrotica undecimpunctata howardi* Barber, Oviposition Preference, Survival and Interactions with Predators in Different Corn and Peanut Agroecosystems. (Under the direction of William V. Campbell and Fred L. Gould.)

John Dukes Byrd, Jr., Crop Science

Hartsville, South Carolina

Dissertation: Weed Interference in Cotton (*Gossypium hirsutum*) and Reciprocal Interference of Cotton Cocklebur (*Xanthium strumarium*) and Cotton. (Under the direction of Harold D. Coble.)

Ellen Schalk Casale, Biochemistry

Garner, North Carolina

Dissertation: Further Purification of Bovine Milk Gamma-glutamyl-transferase and Cellular Localization Comparisons of Sulfhydryl Oxidase and Gamma-glutamyltransferase Using Immunocytochemistry. (Under the direction of H. Robert Horton.)

Yu-Hsien Chang, Applied Mathematics

Taipei, Taiwan, Republic of China

Dissertation: Dichotomies for Abstract Reaction-Diffusion Equations. (Under the direction of Robert H. Martin, Jr.)

Tung Ching Chung, Microbiology

Taichung, Taiwan, Republic of China

Dissertation: Physiological, Genetic and Molecular Biological Studies on Production of an Antimicrobial Substance by *Lactobacillus reuteri*. (Under the direction of Walter J. Dobrogosz.)

Lane Leroy Clarke, Physiology

Shelbina, Missouri

Dissertation: Regulation of Ion Transport across the Equine Colon. (Under the direction of Robert A. Argenzio and Malcolm C. Roberts.)

Juan Jose Daboub, Industrial Engineering

San Salvadore, El Salvadore

Dissertation: Computer Aided Design of Unit Loads: An Integrated Approach. (Under the direction of John R. Canada and Jamie Trevino.)

Kristin Clark Dougherty, Psychology

Washington, DC

Dissertation: Effects of a Social Skills Training Program on the Academic Performance of Underachieving Adolescents. (Under the direction of Patricia F. Horan.)

Elizabeth Frazao, Economics

Rio de Janeiro, Brazil

Dissertation: The Value of Mother's Time and Child Nutrition: A Study in the Bical Region, the Philippines. (Under the direction of Michael K. Wohlgenant.)

Teresa Regina Gidley, Psychology

Cleveland, Ohio

Dissertation: Industry Funded Research and Graduate Engineering Education: A National Survey of Chemical and Electrical Engineering Students. (Under the direction of Denis O. Gray.)

Alexander Glenn Godfrey, Chemistry

Miami, Florida

Dissertation: The Development of α -Alkoxyorganocuprate Reagents for Organic Synthesis. (Under the direction of Russell J. Linderman and Marion L. Miles.)

Arthur Christian Grantz, Aerospace Engineering

Newport News, Virginia

Dissertation: An Approximate Viscous Shock Layer Method for Calculating the Hypersonic Flow over Blunt-nosed Bodies. (Under the direction of Fred R. DeJarnette.)

Girish Agyapall Grover, Fiber and Polymer Science

Bombay, India

Dissertation: Dynamic Measurement of Silver Properties on the Draw-frame. (Under the direction of Peter R. Lord and William K. Walsh.)

Nina Estelle Heard, Chemistry

Greensboro, North Carolina

Dissertation: A Formal Synthesis of (+)-Hirsutene. (Under the direction of Samuel G. Levine.)

Joseph Raymond Heckman, Soil Science

Yorkshire, Ohio

Dissertation: Corn and Soybean Tissue Water Content, Nutrient Accumulation, Yield and Growth Pattern Responses to Potassium and Chloride Fertility Differences. (Under the direction of Eugene J. Kamprath.)

Randy H. Henson, Mechanical Engineering

Raleigh, North Carolina

Dissertation: Contact Conductance across Bolted Plates. (Under the direction of Richard R. Johnson.)

Shin Nam Hong, Computer Engineering

Seoul, Korea

Dissertation: Characterization of Ultra Shallow P⁺-N Junctions Formed by a Modified Low Energy Ion Implanter and Rapid Thermal Annealing. (Under the direction of John J. Paulos, Gary A. Ruggles and Jimmie J. Wortman.)

David Hamrick Howerton, Mechanical Engineering

Durham, North Carolina

Dissertation: An Experimental and Numerical Investigation of Orthogonal Machining of Aluminum 6061-T6. (Under the direction of John A. Bailey and John S. Strenkowski.)

Nancy Ellen Hubing, Electrical Engineering

Houston, Texas

Dissertation: Statistical Analysis of the Initialization of Recursive Least Squares Algorithms. (Under the direction of S. Thomas Alexander.)

Mohammed Ahmad Khasawseh, Electrical Engineering

Irbid, Jordan

Dissertation: Gradient Adaptive Digital Filtering: Theory and Applications. (Under the direction of Winsor E. Alexander.)

Sukil Kim, Computer Engineering

Seoul, Korea

Dissertation: The Implementation of a Parallelizing Compiler for Loosely Coupled Multiprocessor Systems. (Under the direction of Dharma P. Agrawal.)

Jae Chul Lee, Marine, Earth and Atmospheric Sciences

Seoul, Korea

Dissertation: Circulation in the Vicinity of the Shelf/Slope Front in the Mid-Atlantic Bight. (Under the direction of Leonard J. Pietrafesa.)

Laura Joan Lehman, Horticultural Science

Girard, Pennsylvania

Dissertation: Apple Tree Response to Paclobutrazol as Influenced by Scion, Rootstock and Mode of Application. (Under the direction of C. Richard Unrath and Eric Young.)

Bailian Li, Forestry

Kunming, People's Republic of China

Dissertation: Genetic Variation among Loblolly Pine Families in Seedling Growth, Root and Shoot Morphology and Nitrogen Use Efficiency, and Use of These Traits for Potential Early Genetic Selection. (Under the direction of H. Lee Allen and Steven E. McKeand.)

Hui Li, Mathematics

Wuhan, People's Republic of China

Dissertation: Rings with Infinite Sums. (Under the direction of Lung O. Chung.)

Sheikh Tahir Mahmood, Nuclear Engineering

Islamabad, Pakistan

Dissertation: Anisotropic Plastic Deformation, Formability and Crystallographic Textures of Zircaloy Sheet. (Under the direction of K. Linga Murty.)

Patricia Dayle McClellan-Green, Toxicology

Concord, North Carolina

Dissertation: Characterization and Hormonal Regulation of the Highly Polymorphic, Male-specific Cytochrome P-450g. (Under the direction of Ernest Hodgson.)

Joyce Ruth McKenzie, Chemistry

Asheville, North Carolina

Dissertation: Diastereoselective Additions of α -Alkoxyorganocuprates in Acyclic Systems. (Under the direction of Russell J. Linderman and Marion L. Miles.)

Ragab Mohamed Moheisen, Mechanical Engineering

Shebin El-Kom, Egypt

Dissertation: Thermal Contact Resistance at High Temperature for Metals in Contact. (Under the direction of Richard R. Johnson.)

Cary Allen Moskovitz, Aerospace Engineering

Greensboro, North Carolina

Dissertation: An Experimental Investigation of the Physical Mechanisms Controlling the Asymmetric Flow Past Slender Bodies at Large Angles of Attack. (Under the direction of Fred R. DeJarnette.)

Bruce Donald Mowrey, Horticultural Science

Orlando, Florida

Dissertation: Isozyme Variation and Inheritance in Peach and Other *Prunus* as Related to Taxonomic Classification and Developmental Stage. (Under the direction of James R. Ballington and Dennis J. Werner.)

Sungtae Park, Mechanical Engineering

Pusan, Korea

Dissertation: Dynamic Interactions and Globally Optimal Maneuver of Distributed Systems. (Under the direction of Larry M. Silverberg.)

Jean-Luc Riond, Veterinary Medical Sciences

Bern, Switzerland

Dissertation: Pharmacology and Toxicology of Doxycycline in Several Species of Veterinary Interest. (Under the direction of Jim E. Riviere.)

Ruth Russell-Stern, Psychology

Cary, North Carolina

Dissertation: Early Parent Education Impact upon Mother's Attitudes, Values and Knowledge of Infant Development. (Under the direction of Samuel S. Snyder.)

Jose de Jesus Sanchez-Gonzalez, Crop Science

Jalisco, Mexico

Dissertation: Relationships among the Mexican Races of Maize. (Under the direction of Major M. Goodman.)

Kevin Donald Sarge, Biochemistry

Harrisburg, Pennsylvania

Dissertation: Intermolecular Hybridization of 5S rRNA with 18S rRNA and the Initiation of Protein Synthesis. (Under the direction of E. Stuart Maxwell.)

Hartwig Schafer, Economics
Willingshausen, West Germany
Dissertation: Real Exchange Rates and Economic Performance. The Case of Sub-Saharan Africa. (Under the direction of Paul R. Johnson and Walter N. Thurman.)

John Joseph Schemmel, Civil Engineering
Madison, Wisconsin
Dissertation: The Application of High Strength Concrete to Highway Bridges. (Under the direction of Paul Z. Zia.)

Brenda Sue Maltba Scott, Psychology
Valdese, North Carolina
Dissertation: Some Cross-system Relationships among Psychologically Relevant Occupational Constructs. (Under the direction of J. William Cunningham and Richard G. Pearson.)

Theresa Ann Smith Spencer, Economics
Raleigh, North Carolina
Dissertation: Economic Incentives for Retirement under Unionism. (Under the direction of Steven G. Allen, Robert L. Clark and Ann A. McDermed.)

Christopher Nelson Tinius, Crop Science
Fort Lauderdale, Florida
Dissertation: Mass Selection in Male-sterile Soybeans for Seed Size and Plant Dry Weight. (Under the direction of Joseph W. Burton.)

Bao Long Tsai, Botany
Taipei, Taiwan, Republic of China
Dissertation: The Fate of Glyphosate in Water Hyacinth and Its Physiological and Biochemical Influences on Growth of Algae. (Under the direction of Frederick T. Corbin and Augustus M. Witherspoon.)

Eduardo Uribe, Soil Science
Bogota, Colombia
Dissertation: Potassium Dynamics and Management in a Humid Tropical Ultisol under Low and High Input Cropping Systems. (Under the direction of Fred R. Cox.)

Tian-Yih Wang, Mechanical Engineering
Taipei, Taiwan, Republic of China
Dissertation: Approximate Analysis of Interacting Spheres and Vaporizing Droplets. (Under the direction of Clement Kleinstreuer.)

Colonel Vaughan Witten, Psychology
Fayetteville, North Carolina
Dissertation: Field Dependence-Field Independence: The Relationship of Cognitive Style and Achievement. (Under the direction of Donald W. Drewes and M. Henry Pitts.)

Kenneth Brian Wood, Chemical Engineering
Haddock, Georgia
Dissertation: Reactivity in the Radiation-initiated Cationic Copolymerization of Styrene Derivatives. (Under the direction of Vivian T. Stannett.)

Carl Herman Yung, Crop Science

Jacksonville, North Carolina

Dissertation: The Value of Gametoclonal Variation in Plant Breeding.
(Under the direction of Earl A. Wernsman.)

Jun Zhu, Genetics and Statistics

Hangzhou, People's Republic of China

Dissertation: Estimation of Genetic Variance Components in the General Mixed Model. (Under the direction of Bruce S. Weir.)

Degrees Conferred December 19, 1989

Adnan Mohammed Alattar, Electrical Engineering

Plainsboro, New Jersey

Dissertation: Knowledge-based Image Coding Technique. (Under the direction of Sarah A. Rajala.)

Khaled Hamad Al-Saqabi, Electrical Engineering

Kuwait, Kuwait

Dissertation: Extending Parallelism to Memory Hierarchies in Highly Parallel Systems. (Under the direction of Winsor E. Alexander and Edward W. Davis, Jr.)

Wallace Michael Aust, Forestry

Scooba, Mississippi

Dissertation: Abiotic Functional Changes of a Water Tupelo-Baldcypress Wetland Following Disturbance by Harvesting. (Under the direction of Russell Lea.)

Adil Eisa Awad, Crop Science

Gedarf, Sudan

Dissertation: Effects of Dicamba, Nitrogen and Presowing Hardening of Host Seed with Phenolic Acids on Witchweed Control in Sorghum. (Under the direction of Frank T. Corbin and A. Douglas Worsham.)

Jong Jin Baik, Marine, Earth and Atmospheric Sciences

Pusan, Korea

Dissertation: Tropical Cyclone Simulations with the Betts Convective Adjustment Scheme. (Under the direction of Mark DeMaria and Sethu Raman.)

Gregory Edward Bottomley, Electrical Engineering

Hockessin, Delaware

Dissertation: Roundoff Error Problems and Solutions for Conventional Recursive Least Squares Filters. (Under the direction of S. Thomas Alexander.)

Carl Joseph Braun III, Genetics

Denville, New Jersey

Dissertation: Investigation of the Texas Male-sterile Mitochondrial Genome of Maize. (Under the direction of Charles S. Levings.)

Thomas Hunter Brown, Jr., Mechanical Engineering

Raleigh, North Carolina

Dissertation: Analytic Studies on the Drying of Porous Media. (Under the direction of Michael A. Boles.)

Brian Thomas Buckley, Chemistry

Sea Girt, New Jersey

Dissertation: Sample Introduction into a Direct Current Plasma by Filament Vaporization. (Under the direction of Charles B. Boss.)

Arthur Charles Bullerwell, Fiber and Polymer Science

Raleigh, North Carolina

Dissertation: Beat-up Force in High Speed Weaving. (Under the direction of Mansour H. Mohamed.)

James Tilson Burnette, Industrial Engineering

Oak Ridge, North Carolina

Dissertation: CTD-123: A Cumulative Trauma Disorder Risk Assessment Model. (Under the direction of Mahmoud A. Ayoub and Arup Mallik.)

Wei-Di Cao, Materials Science and Engineering

Beijing, People's Republic of China

Dissertation: Effects of Electric Current and Field on the Behavior of Metallic Materials. (Under the direction of Hans Conrad.)

Daniel Ronald Caprioglio, Microbiology

Chatsworth, California

Dissertation: The Role of pSFB-1 in Secondary Metabolite Production in *Scytalidium flavo-brunneum*. (Under the direction of Leo W. Parks.)

Helen Marguerite Caprioglio, Microbiology

Eugene, Oregon

Dissertation: Membrane Sterol Localization and Response to Ethanol in the Yeast, *Saccharomyces cerevisiae*. (Under the direction of Leo W. Parks.)

James William Carson, Jr., Fiber and Polymer Science

Elkin, North Carolina

Dissertation: Synthesis of Regularly Alternating Block Copolymers Containing Amylose and Polybutadiene. (Under the direction of Richard D. Gilbert.)

Ming-Chun Chang, Statistics

Yung-Ho, Taiwan, Republic of China

Dissertation: Testing for Overdifference. (Under the direction of David A. Dickey.)

Surapong Charoenrath, Crop Science

Bangkok, Thailand

Dissertation: Inheritance of Early and Late Leafspot Resistance and Agronomic Traits in *Arachis hypogaea* L. (Under the direction of Johnny C. Wynne.)

Glenn Alford Church II, Biological and Agricultural Engineering

Ellenton, Florida

Dissertation: Flow and Energy Solution for Closed-loop Rockbed Design and Control. (Under the direction of Daniel H. Willits.)

Patrick Louis Combettes, Electrical Engineering

Paris, France

Dissertation: Set Theoretic Estimation in Digital Signal Processing. (Under the direction of H. Joel Trussell.)

John Robert Cook, Statistics

Des Moines, Iowa

Dissertation: Estimators for the Errors-in-variables Problem in the Ordered Categorical Regression Model. (Under the direction of Leonard A. Stefanski.)

Mohamed Yahia Dabbagh, Electrical Engineering

Aleppo, Syria

Dissertation: Multiprocessor Implementation of Two-dimensional Digital Filters for Real-time Processing. (Under the direction of Winsor E. Alexander.)

Hyun-Soo Dong, Fiber and Polymer Science

Seoul, Korea

Dissertation: Oxidative Degradation and Grafting Reaction of Hydroxy-ethyl Cellulose during Emulsion Polymerization of Vinyl Acetate. (Under the direction of Raymond E. Fornes and Richard D. Gilbert.)

David Lane Dreifus, Electrical Engineering

Narberth, Pennsylvania

Dissertation: The Design, Processing and Characterization of II-VI Semiconductor Devices for Infrared Optoelectronic Applications. (Under the direction of Robert M. Kolbas.)

Dorothy Dillard DuBose, Sociology

Clinton, South Carolina

Dissertation: The Effect of Reciprocity on Intergenerational Affective Solidarity. (Under the direction of Robert C. Brisson.)

Joseph David Eigel, Biological and Agricultural Engineering

Louisville, Kentucky

Dissertation: Application of Body Conforming Grids to Drainage Problems. (Under the direction of R. Wayne Skaggs and Michael D. Smolen.)

Helmut Elsenbeer, Soil Science

Kempton, West Germany

Dissertation: Hillslope Hydrological Processes and Their Controls in a Tropical Rainforest Environment. (Under the direction of D. Keith Cassel.)

Alberto Raul Escande, Plant Pathology

Mar del Plata, Argentina

Dissertation: Protection of Potato from Rhizoctonia Canker with Binucleate *Rhizoctonia* spp. (Under the direction of Eddie Echandi.)

Shihchen Fuh, Civil Engineering

Taipei, Taiwan, Republic of China

Dissertation: Applications of a Postulate of Minimum Plastic Spin in Crystal Mechanics. (Under the direction of Kerry S. Havner.)

Katherine Ann Grant, Psychology

Seattle, Washington

Dissertation: An Experimental Evaluation of a Primary Prevention Program: PREPARE. (Under the direction of Denis O. Gray.)

Marcia Lynn Gumpertz, Statistics

North Hollywood, California

Dissertation: Simple Estimators for the Linear Random Coefficient Regression Model and the Nonlinear Model with Variance Components. (Under the direction of Sastry G. Pantula and John O. Rawlings.)

Karen Greenhalgh Guzman, Biochemistry

Warwick, Rhode Island

Dissertation: Isolation and Characterization of the Gene Encoding Follicle Stimulating Hormone Beta: A Model for Negative Regulation. (Under the direction of William L. Miller.)

Do Hee Hahn, Nuclear Engineering

Seoul, Korea

Dissertation: Energy Transport through the Plasma Boundary Layer. (Under the direction of John G. Gilligan.)

Kevin Scott Hammon, Physics

Beaumont, Texas

Dissertation: The Principal Bundle of Biframes Associated with Space-time and Its Applications in General Relativity and Gauge Theories. (Under the direction of William R. Davis and Larry K. Norris.)

Salman Ul Haq, Mechanical Engineering

Islamabad, Pakistan

Dissertation: Transient Free Convection in a Fluid-saturated Porous Medium. (Under the direction of James C. Mulligan.)

Paul Joseph Hochgesang, Chemistry

Cary, North Carolina

Dissertation: Characterization of Surface Modified Electrodes Containing Polymeric Tetraazaannulene Metal Complexes. (Under the direction of Robert D. Bereman.)

Steven David Holladay, Toxicology

Raleigh, North Carolina

Dissertation: Production of Specific Antibody against Aflatoxin M₁. (Under the direction of Peter J. Bentley and Cecil F. Brownie.)

Luellen Carroll Hooks, Psychology

Dublin, North Carolina

Dissertation: Development of Adaptive Behavior in Autistic Children: Effects of Age, IQ and Degree of Autism. (Under the direction of William P. Erchul and Rachel F. Rawls.)

Harlan James Howard, Physiology

Vanderbilt, Michigan

Dissertation: Mechanisms of Extended Corpus Luteum Function in Dairy Cattle Treated with Human Chorionic Gonadotropin or Infused Continuously with Oxytocin. (Under the direction of Jack H. Britt.)

Lawrence Hoy James, Physics

Maiden, North Carolina

Dissertation: Proton Resonance Spectroscopy in ²⁹P. (Under the direction of Gary E. Mitchell.)

Hae Dong Jang, Food Science

Seoul, Korea

Dissertation: Characterization of Milk Proteins by Immobilization and Analytical Affinity Chromatography. (Under the direction of Harold E. Swaisgood.)

Shian-Ching Jason Jang, Materials Science and Engineering

Taipei, Taiwan, Republic of China

Dissertation: The Amorphization of Nickel-Aluminum Intermetallic Compounds by Mechanical Alloying. (Under the direction of Carl C. Koch.)

Adriel Duland Johnson, Animal Science

Tuskegee, Alabama

Dissertation: Characterization of an Organ Explant Culture System for the Chick Pancreas and Its Response to Nutrient and Anutrient Secretagogues. (Under the direction of William J. Croom, Jr.)

Chul Kim, Mathematics

Seoul, Korea

Dissertation: A Classification of the Finite Rings with Unity by Computable Means. (Under the direction of Kwangil Koh.)

SungDong Kim, Fiber and Polymer Science

Pusan, Korea

Dissertation: Synthesis of Bulky and Rigid Spin Probes and a Study of Their Mobility in Nylon 6 Film by ESR Spectroscopy. (Under the direction of Harold S. Freeman, Richard D. Gilbert and Ralph McGregor.)

Kenneth Daniel Konyha, Biological and Agricultural Engineering

Urbana, Illinois

Dissertation: A Medium Scale Watershed Model: Field Hydrology Coupled to Open Channel Flow. (Under the direction of R. Wayne Skaggs.)

Anup Kumar, Computer Engineering

Bareilly, India

Dissertation: On Evaluation of Reliability and Integrated Performance-Reliability Parameters for Distributed Systems. (Under the direction of Dharma P. Agrawal.)

Miau-Rong Lee, Physiology

Taipei, Taiwan, Republic of China

Dissertation: Transfer and Expression of a Bacterial Marker Gene by Retrovirus Vector in Avian Germ Line and Somatic Cells. (Under the direction of Robert M. Petters and Ruth M. Shuman.)

Yoonsang Lee, Aerospace Engineering

Kwang-Ju, Korea

Dissertation: Aerodynamic Interaction of Counter Rotating Propellers. (Under the direction of Robert T. Nagel.)

Jan Kent Lewandrowski, Economics

Harvard, Massachusetts

Dissertation: A Regional Model of the U. S. Softwood Lumber Industry: Including the Role of Price Expectations, the Role of Finished Product Inventory and the Impacts of Trade Restrictions on Canadian Softwood Products. (Under the direction of Thomas J. Grennes and Michael K. Wohlgemant.)

Bruce Robert Locke, Chemical Engineering

Silver Spring, Maryland

Dissertation: Protein Purification by Counteracting Chromatographic Electrophoresis. (Under the direction of Ruben G. Carbonell and David F. Ollis.)

Edward Morris Lunk, Forestry

Ann Arbor, Michigan

Dissertation: An Evaluation of Responses of Cottontail Rabbits to Structure and Composition of Cover: Development and Testing of Habitat-use Models for a Generalist Species. (Under the direction of Arthur W. Cooper and Richard A. Lancia.)

Stephen Wayne Martinez, Economics and Statistics
Chesapeake, Virginia

Dissertation: The Optimal Dynamic Hedging Positions for Grain Producers before Harvest: A Case Study. (Under the direction of Peter Bloomfield and Kelly D. Zering.)

Sarah Jean Mason, Veterinary Medical Sciences
Raleigh, North Carolina

Dissertation: Modulation of MHC Molecules on Intestinal Epithelial Cells. (Under the direction of Philip B. Carter.)

Elizabeth Ford McElwain, Genetics
Hingham, Massachusetts

Dissertation: HMG Chromosomal Proteins and Low Molecular Weight Heat-shock Proteins of Wheat. (Under the direction of Steven L. Spiker and William F. Thompson.)

Betty Fleming McQuaid, Soil Science
New Orleans, Louisiana

Dissertation: Color in Relation to Chemistry and Mineralogy of Some Dark Red Ultisols and Brown Alfisols in the North Carolina Piedmont. (Under the direction of Stanley W. Buol.)

Ricardo Jose Melgar, Soil Science
Corrientes, Argentina

Dissertation: Nitrogen Utilization by Annual Crops in the Central Amazon. (Under the direction of Pedro Sanchez and Thomas J. Smyth.)

Walter James Miller, Psychology
Raleigh, North Carolina

Dissertation: Physiological Gains and Degree of Disease in a Cardiac Rehabilitation Setting. (Under the direction of Patricia F. Horan.)

Charles Paul Moebs, Genetics
Old Forge, New York

Dissertation: Histone Variants in Plants: Role in Histone Octamer Stability. (Under the direction of James W. Moyer and Steven L. Spiker.)

Daniel Jude Moore, Electrical Engineering
Claymont, Delaware

Dissertation: Integrated Optoelectronics by Selective Epitaxy of Compound Semiconductors. (Under the direction of Salah M. Bedair.)

José Dilmer Moreno-Mendoza, Crop Science
Bogota, Colombia

Dissertation: Temperate and Tropical Evaluation of Temperate Maize Lines Derived from Totally Photosensitive Materials. (Under the direction of Major M. Goodman.)

Anjali Sanjeev Nandedkar, Materials Science and Engineering
Durham, North Carolina

Dissertation: Atomic Structure of Dislocations and Interfaces in Semiconductor Heterostructures. (Under the direction of Jagdish Narayan.)

Mehran Nazemi, Mechanical Engineering
Raleigh, North Carolina

Dissertation: Hemodynamics and Particle Deposition in Artery Bifurcations with Implications to Atherogenesis and Surgical Reconstruction. (Under the direction of Clement Kleinstreuer.)

Timothy Richard Nolen, Chemical Engineering
Gadsden, Alabama

Dissertation: Selectivity Enhancement of Electroorganic Reactions under Periodic Control: The Reduction of Nitrobenzene on the Rotating Disk Electrode. (Under the direction of Peter S. Fedkiw.)

Dennis Jay Osborne, Soil Science
Waynesville, North Carolina

Dissertation: Soils and Landscape Elements in the Balsam Range of the Southern Blue Ridge. (Under the direction of Stanley W. Buol.)

Hakan Ozisik, Mechanical Engineering
Raleigh, North Carolina

Dissertation: Development and Implementation of an Open Loop Control Technique for High Speed Micropositioning in a Single Point Diamond Turning Process. (Under the direction of Richard F. Keltie.)

Daniel Pomp, Animal Science
Chicago, Illinois

Dissertation: Cryopreservation of Embryos from Generically Selected Mouse Lines. (Under the direction of Eugene J. Eisen.)

Johnny De-Wayne Powers, Chemical Engineering
Greensboro, North Carolina

Dissertation: Protein Purification by Affinity Ultrafiltration Using Small Unilamellar Liposomes. (Under the direction of Ruben G. Carbonell and Peter K. Kilpatrick.)

Anton Ladislaus Pressing, Physiology
Immenreuth, West Germany

Dissertation: Aspects of Endocrine and Ovarian Maturation during Puberty in the Gilt. (Under the direction of Gary D. Dial and Kenneth L. Esbenshade.)

John Michael Reed, Zoology
Lancaster, Pennsylvania

Dissertation: Some Aspects of Vertebrate Conservation, with Particular Attention to the Red-cockaded Woodpecker. (Under the direction of Phillip D. Doerr and Jeffrey R. Walters.)

Deborah Ann Tomaszewski Renzi, Psychology
Central City, Pennsylvania

Dissertation: Application of an Ecological Model of Child Maltreatment to High-risk Indicators in North Carolina. (Under the direction of N. William Walker.)

Joan Ayer Rodberg, Chemical Engineering
Calhoun, Kentucky

Dissertation: Metal-Radical Complexation: Results of ESR Studies and Implications. (Under the direction of Phooi K. Lim.)

Magdi Abdel Hamid Said, Materials Science and Engineering
Raleigh, North Carolina

Dissertation: Residual Porosity in Polymeric Latex Films (Under the direction of C. Maurice Balik and Abdel A. Fahmy.)

Peter Carl Schroeder, Entomology

California, Missouri

Dissertation: Effects of Select Soil-Arthropods on Nitrogen Fixation (Acetylene Reduction), Nodulation and Dry Matter Production of Soybean. (Under the direction of John W. Van Duyn.)

Chandana Senaratne, Chemistry

Colombo, Sri Lanka

Dissertation: Applications of AC Voltammetry: The Use of Second Harmonic Phase Angle Voltammograms to Measure Heterogeneous Kinetic Parameters. (Under the direction of Kenneth W. Hanck.)

Feng-Ran Sheu, Chemical Engineering

Ching-Shui, Taiwan, Republic of China

Dissertation: The Transport of Simple Gases through Aromatic Polyethers and Polyesters. (Under the direction of Rey T. Chern and Harold B. Hopfenberg.)

Yuan-Tay Shyu, Food Science

Taipei, Taiwan, Republic of China

Dissertation: Purification and Partial Characterization of a Novel Calcium-binding Protein from *Bacillus cereus* T Spores and Inhibition of Germination by Calmodulin Antagonists. (Under the direction of Peggy M. Foegeding.)

Wesley Davis Sing, Microbiology

Indianapolis, Indiana

Dissertation: Mechanisms of Phage Resistance Encoded by Conjugative Plasmids of Lactococci. (Under the direction of Todd R. Klaenhammer.)

Rajiv Kumar Singh, Materials Science and Engineering

Calcutta, India

Dissertation: Microstructure and Properties of Laser Deposited High- T_c Superconducting Thin Films. (Under the direction of Jagdish Narayan.)

Christopher Ward Smith, Soil Science

Redondo Beach, California

Dissertation: The Fertility Capability Classification System (FCC) - 3rd Approximation: A Technical Soil Classification System Relating Pedon Characterization Data to Inherent Fertility Characteristics. (Under the direction of Stanley W. Buol.)

Arun Ramaswamy Srivatsa, Materials Science and Engineering

Bangalore, India

Dissertation: Defects and Interfaces in Epitaxial and Amorphous Insulators. (Under the direction of Jagdish Narayan.)

Hon-Wei Syh, Nuclear Engineering

Taipei, Taiwan, Republic of China

Dissertation: Image Processing for Neutron Radiography. (Under the direction of Robin P. Gardner and Raymond F. Saxe.)

Todd Lewis Talarico, Microbiology

Oakmont, Pennsylvania

Dissertation: Characterization of the Production of an Antimicrobial Agent by *Lactobacillus reuteri*. (Under the direction of Walter J. Dobrogosz.)

Wayne Carl Thresher, Biochemistry
Big Flats, New York
Dissertation: Characterization of Macromolecular Interactions by High Performance Analytical Affinity Chromatography. (Under the direction of Harold E. Swaisgood.)

Alberto Daniel Venica, Wood and Paper Science
Las Varillas, Argentina
Dissertation: Soda-AQ Delignification of Hardwoods: Reactions, Mechanisms and Dissolved Lignin Characteristics. (Under the direction of Josef S. Gratzl.)

Jacqueline Michael Vrba, Genetics
Durham, North Carolina
Dissertation: Characterization of a Four Member *psbA* Gene Family from the Cyanobacterium *Anabaena* PCC 7120. (Under the direction of Stephanie E. Curtis and William F. Thompson.)

Gregory James Wadsworth, Genetics
Metairie, Louisiana
Dissertation: Molecular Biology of the Catalase Gene-Enzyme System of Maize: Gene Structure and Expression. (Under the direction of John G. Scandalios.)

Richard Alan Wahls, Aerospace Engineering
Raleigh, North Carolina
Dissertation: Development of a Defect Stream Function, Law of the Wall/Wake Method for Compressible Turbulent Boundary Layers. (Under the direction of Fred R. DeJarnette.)

Mark David Walters, Materials Science and Engineering
Durham, North Carolina
Dissertation: Radiation-induced Defect Phenomena in Thin Films of SiO₂. (Under the direction of John J. Hren and Arnold Reisman.)

Yuh-Hwa Wang, Biochemistry
Taichung, Taiwan, Republic of China
Dissertation: A Functional and Structural Study of Translational Regulation of Ferritin mRNA. (Under the direction of Elizabeth C. Theil.)

Aaron David Weiss, Chemistry
Wilmette, Illinois
Dissertation: Studies of Augmented Flames for Analytical Atomic Spectrometry. (Under the direction of Charles B. Boss.)

Randy Gene Westbrooks, Botany
Gaffney, South Carolina
Dissertation: Regulatory Exclusion of Federal Noxious Weeds from the United States. (Under the direction of James W. Hardin and A. Douglas Worsham.)

Thomas Wiepke, Crop Science
Mechanicsville, Maryland
Dissertation: Influence of Legume and Rye Mulches on No-till Flue-cured Tobacco, Soil Reception and Dissipation of Diphenamid, and Weed Suppression. (Under the direction of A. Douglas Worsham.)

Mark Lee Wildhaber, Zoology

Saint Louis, Missouri

Dissertation: Habitat Choice by Bluegills (*Lepomis macrochirus*) on the Basis of Feed and Temperature. (Under the direction of Larry B. Crowder and John M. Miller.)

David Wayne Wolff, Horticultural Science

Greensburg, Pennsylvania

Dissertation: Evaluation, Inheritance and Utilization of Tolerance to Bentazon Herbicide in Peppers (*Capsicum annuum* L.). (Under the direction of Wanda W. Collins and Thomas J. Monaco.)

Russell Dean Wolfinger, Statistics

Mansfield, Ohio

Dissertation: Rates of Convergence and Asymptotic Normality in Semi-nonparametric Regression. (Under the direction of A. Ronald Gallant.)

Caifang Yin, Wood and Paper Science

Beijing, People's Republic of China

Dissertation: Characterization, Bacterial and Fungal Degradation, De-chlorination and Decolorization of Chlorolignin in the Bleach Plant Effluent. (Under the direction of Hou-min Chang and Thomas W. Joyce.)

Mark Anderson Young, Chemical Engineering

Asheville, North Carolina

Dissertation: Airlift Bioreactors: Experimental and Theoretical Analysis of Two-phase Hydrodynamics. (Under the direction of Ruben G. Carbonell and David F. Ollis.)

Manasses Kasse Yunmbam, Zoology

Ntong, Cameroon

Dissertation: The Efficacy of a Newly Discovered Antimicrobial Substance, Reuterin, against *Trypanosoma brucei brucei*. (Under the direction of John F. Roberts.)

Candidates for Degree May 12, 1990

Clark Raymond Alexander, Jr., Marine, Earth and Atmospheric Sciences
Inglewood, California

Dissertation: Modern Sedimentation in the Yellow Sea: Application to Geologic Models of Epicontinental-shelf and Macrotidal-mudflat Environments. (Under the direction of David J. DeMaster and Charles A. Nittrouer.)

Lina Shirish Amin, Biochemistry

Cary, North Carolina

Dissertation: Coupling Factor 1 from *Euglena gracilis*: Comparison of the E Subunits of Coupling Factor 1 from Mitochondria and from Chloroplast. (Under the direction of Joseph S. Kahn.)

Luiz Felipe Arauz, Plant Pathology

San Jose, Costa Rica

Dissertation: Studies on the Epidemiology and Control of *Botryosphaeria obtusa* on Apples. (Under the direction of Turner B. Sutton.)

Deogratias Artis Banks, Physiology

Kinston, North Carolina

Dissertation: The Effects of Reuterin, a Newly Discovered Antimicrobial Compound, on Mouse Myeloma Cells *in Vitro*. (Under the direction of John F. Roberts.)

Jean-Sébastien Brouard, Forestry

Quatre Bornes, Mauritius

Dissertation: Competition in Clonal Silviculture. (Under the direction of Floyd B. Bridgwater and Bruce J. Zobel.)

James Gaylord Burkhart, Biochemistry

Apex, North Carolina

Dissertation: A Unique Bilirubin-UDP-Glucuronyltransferase Deficiency Related to Neonatal Jaundice in Mice. (Under the direction of Frank B. Armstrong.)

Anthony Gerard Calamai, Physics

Toms River, New Jersey

Dissertation: Radiative Lifetimes of Metastable Atomic Ions. (Under the direction of Charles E. Johnson.)

William Lawrence Carruthers, Psychology

Garner, North Carolina

Dissertation: Two Scales for Measuring Educators' Attitudes toward Computers. (Under the direction of Patricia F. Horan and N. William Walker.)

Joseph Henry Carter III, Zoology

Southern Pines, North Carolina

Dissertation: Population Trends and Reproductive Success of the Red-cockaded Woodpecker on 3 Study Areas in the North Carolina Sandhills, 1980-1987. (Under the direction of Phillip D. Doerr.)

Kijoon Chae, Computer Engineering

Seoul, Korea

Dissertation: Performance Evaluation of Interconnected Heterogeneous Local Area Networks. (Under the direction of Arne A. Nilsson.)

Gao-Yuan Chen, Fiber and Polymer Science

Funing, People's Republic of China

Dissertation: Enhancement of Fiber Structure Formation Via Modification of Threadline Dynamics in the Melt Spinning Process. (Under the direction of John A. Cuculo and Paul A. Tucker, Jr.)

Tein Yaw David Chung, Electrical Engineering

Tao-Yuan, Taiwan, Republic of China

Dissertation: Design and Analysis of Manhattan Street Class of Doubly Linked Networks. (Under the direction of Dharma P. Agrawal.)

David Thomas Cobb, Zoology

Gibsonville, North Carolina

Dissertation: Impacts of Unnatural, Asynchronous River Flooding on the Habitat Use and Population Dynamics of a Wild Turkey Population along the Roanoke River, North Carolina. (Under the direction of Phillip D. Doerr.)

Randall Avery Craig, Psychology

Raleigh, North Carolina

Dissertation: Effects of Order of Study Modality on Visual and Haptic Performance: Implications for Cross-modal Transfer. (Under the direction of Slater E. Newman.)

Paul D. Curtis, Zoology

Perry, Ohio

Dissertation: Northern Bobwhite Quail Ecology in the North Carolina Sandhills. (Under the direction of Phillip D. Doerr.)

Jose Raul Davelouis McEvoy, Soil Science

Lima, Peru

Dissertation: Green Manure Applications to Minimize Aluminum Toxicity in the Peruvian Amazon. (Under the direction of Pedro A. Sanchez.)

Christopher Hallock Dietrich, Entomology

Martinsville, Virginia

Dissertation: A Revision of the Neotropical Treehopper Tribe Aconophorini (Homoptera: Membracidae). (Under the direction of Lewis L. Deitz.)

Rich Thomas Dobrowsky, Veterinary Medical Sciences

Pittsburgh, Pennsylvania

Dissertation: Production and Metabolism of Platelet-activating Factor during Porcine Endotoxemia: Quantitative Analysis by Thermospray Mass Spectrometry and the Metabolic Effect of Endotoxin on Plasma Acetylhydrolase Activity. (Under the direction of Peter J. Bentley and Neil C. Olson.)

Robert Philippe Durieux, Soil Science

Bergen, The Netherlands

Dissertation: Root Activity and Nutrient Uptake and Accumulation in Prolific and Nonprolific Corn. (Under the direction of Eugene J. Kamprath.)

James Andrew Duthie, Plant Pathology

Essex, Ontario, Canada

Dissertation: The Alfalfa Leafspot Pathosystem: Effects of Debris, Optimal Rates of Sampling and Associations among Leafspot Pathogens. (Under the direction of C. Lee Campbell.)

Cynthia Griffith Eayre, Plant Pathology

Hendersonville, North Carolina

Dissertation: Protection of Bean (*Phaseolus vulgaris*) Seedlings from *Rhizoctonia solani* with an Avirulent, Binucleate, *Rhizoctonia* Fungus. (Under the direction of Eddie Echandi.)

Kamal Ali Eljabaly, Physics

Hodeidah, Yemen

Dissertation: Oxidation of Silicon in an RF Coupled Plasma. (Under the direction of Arnold Reisman and Dale E. Sayers.)

Peter Campbell Ellsworth, Entomology

Longmeadow, Massachusetts

Dissertation: Temperature, Water and Diapause Effects on European Corn Borer Phenology in North Carolina. (Under the direction of Julius R. Bradley, Jr. and George G. Kennedy.)

Nathan Brooks Emery, Fiber and Polymer Science

Raleigh, North Carolina

Dissertation: The Inspection of Blue Denim Fabric with Computer Vision. (Under the direction of David R. Buchanan and Hechmi Hamouda.)

Peter John Falter, Mechanical Engineering

Apex, North Carolina

Dissertation: Diamond Turning of Nonrotationally Symmetric Surfaces. (Under the direction of Thomas A. Dow.)

Jon Taylor Fitch, Materials Science and Engineering

Raleigh, North Carolina

Dissertation: A Study of Local Atomic Structure and Thermal History in Thermally Grown and Remote PECVD Deposited SiO₂ Films. (Under the direction of Robert F. Davis and Gerald Lucovsky.)

Dorothy Anne Flannagan, Psychology

Richmond, Virginia

Dissertation: The Effects of Organization and Scripted Action on Children's Communication and Recall of Scenes. (Under the direction of Lynne Baker-Ward and Samuel A. Snyder.)

Thaddeus Raymond Gourd, Plant Pathology

Albuquerque, New Mexico

Dissertation: Differential Activity of Selected Nematicides on *Heterodera glycines* Races and *Meloidogyne* Species. (Under the direction of Kenneth R. Barker and Donald P. Schmitt.)

Johnny Rufus Graham, Civil Engineering

China Grove, North Carolina

Dissertation: An Investigation of the Relationship between Retroreflectivity, Luminance and Driver Perception of Roadway Markings. (Under the direction of Paul D. Cribbins and L. Ellis King.)

Frances Foreman Haga, Sociology

Black Mountain, North Carolina

Dissertation: Staying In or Getting Out: "Importation," Behavior, Coercive Program Assignment and Length of Stay in Juvenile Training Schools. (Under the direction of Elizabeth M. Crawford and Gary D. Hill.)

Tracy Michelle Halward, Crop Science

Raleigh, North Carolina

Dissertation: Utilization of Diverse Germplasm Resources as Part of a Comprehensive Peanut Breeding Program. (Under the direction of Johnny C. Wynne.)

Norihito Hamaguchi, Electrical Engineering

Mie, Japan

Dissertation: InGaAs/GaAsP Strained-layer Superlattices: MOVPE Growth and Applications. (Under the direction of Salah M. Bedair.)

Di Han, Industrial Engineering

Beijing, People's Republic of China

Dissertation: Computer Speech Recognition and Expert System Methods for Entering Chinese Characters to Computer. (Under the direction of Thom J. Hodgson and Michael G. Joost.)

Jeong-Whan Han, Physics

Seoul, Korea

Dissertation: Growth and Properties of $\text{Hg}_{1-x}\text{Cd}_x\text{Te}$ Alloys and Quantum Well Structures. (Under the direction of Jan F. Schetzina.)

Patrick Knowlton Worsham Howle, Botany

Florence, South Carolina

Dissertation: GTP-specific Pyrophosphorylation of Thiamin in Soybean [*Glycine max* (L.) Merr. cv. Ransom II]. (Under the direction of Roger C. Fites.)

Kuang-Yeu Hsieh, Materials Science and Engineering

Tainan, Taiwan, Republic of China

Dissertation: Growth, Characterization and Diffusion Induced Disorder-ing of III-V Semiconductor Superlattice. (Under the direction of Robert M. Kolbas and Ronald O. Scattergood.)

Chingyung Albert Huang, Marine, Earth and Atmospheric Sciences

Taipei, Taiwan, Republic of China

Dissertation: A Mesoscale Planetary Boundary Layer Numerical Model for Simulations of Topographically Induced Circulations. (Under the direction of Sethu Raman.)

Natalie Louise Hubbard, Horticultural Science

Raleigh, North Carolina

Dissertation: Biochemical Regulation of Sucrose Accumulation in Muskmelon and Banana Fruits. (Under the direction of Steven C. Huber and David M. Pharr.)

William Edward Hutson, Psychology

Bowie, Maryland

Dissertation: Dissociation of Performance and Subjective Measures in Human-Computer Interaction: The Effects of Response Delay and Response Bias. (Under the direction of Donald H. Mershon.)

Nimal Newton Jayaratne, Civil Engineering

Gampaha, Sri Lanka

Dissertation: Resilient Behavior of Stabilized Subgrade Soils. (Under the direction of N. Paul Khosla and Philip C. Lambe.)

Melissa Charlene Joerger, Food Science

Newberg, Oregon

Dissertation: Cloning, Expression and Nucleotide Sequence of the Gene Encoding Helveticin J: A Bacteriocin Produced by *Lactobacillus helveticus* 481. (Under the direction of Todd R. Klaenhammer.)

Ganesh Gopalkrishna Kamath, Food Science

Bombay, India

Dissertation: Investigation of Physico-chemical Basis for the Unique "Setting" Phenomenon of Alaska Pollack and Atlantic Croaker Surimi. (Under the direction of Tyre C. Lanier.)

Milton Kanashiro, Forestry

Belem, Para, Brazil

Dissertation: The Demographic Genetics of an Appalachian Stand of *Liriodendron tulipifera* L. (Under the direction of Gene Namkoong.)

Sang Soo Kim, Physics
Seoul, Korea

Dissertation: Deposition of Amorphous Silicon and Silicon Based Dielectrics by Remote Plasma Enhanced Chemical Vapor Deposition: Application to the Fabrication of TFT's and MOSFET's. (Under the direction of Gerald Lucovsky.)

David Joseph Kropaczek, Nuclear Engineering
Clark, New Jersey

Dissertation: In-core Nuclear Fuel Management Optimization Utilizing Simulated Annealing. (Under the direction of Paul J. Turinsky.)

Chin Chin Lee, Horticultural Science
Rembau, Malaysia

Dissertation: Inflorescence Development and Cultural Production Practices of *Heptacodium jasminoides*. (Under the direction of Theodore E. Bilderback and Roy A. Larson.)

Dong-Myun Lee, Materials Science and Engineering
Seoul, Korea

Dissertation: Impurity Gettering by Misfit Dislocations and Precipitation Phenomena in Si/Si(Ge) Epitaxy. (Under the direction of George A. Rozgonyi.)

Jay Min Lee, Physics
Seoul, Korea

Dissertation: Photo-darkening Kinetics and Structural Anisotropic Modifications in the Chalcogenide Glass As_2S_3 : A Study of Kinetic X-ray Absorption Spectroscopy. (Under the direction of Michael A. Paesler and Dale E. Sayers.)

Zhongshan Li, Mathematics
Lanzhou, People's Republic of China

Dissertation: The Embedding of Rings in Regular Rings and π -Regular Rings. (Under the direction of Jiang Luh and Mohan S. Putcha.)

Robert Todd Lorenz, Microbiology
Salem, Oregon

Dissertation: Characterization of Aerobic Sterol-Exclusion in the Yeast, *Saccharomyces cerevisiae*. (Under the direction of Leo W. Parks.)

Chung-Cheng Lu, Botany
Taipei, Taiwan, Republic of China

Dissertation: Metabolic Activity in the Shoot Apical Meristem of *Nicotiana tabacum* during Flora Evocation. (Under the direction of Judith F. Thomas.)

Jar-Miin Luan, Biological and Agricultural Engineering
Taichung, Taiwan, Republic of China

Dissertation: On the Direct Confirmation of Hertz Contact Pressure Distribution during Viscoelastic Impact. (Under the direction of Roger P. Rohrbach.)

Mary Frances Mahalovich, Forestry
Gallup, New Mexico
Dissertation: Modeling Positive Assortative Mating and Elite Populations in Recurrent Selection Programs for General Combining Ability. (Under the direction of Floyd E. Bridgwater.)

Vera Katharina Marquardt, Mathematics
Worms, West Germany
Dissertation: Factoring the Group of Units of a Ring. (Under the direction of Mohan S. Putcha.)

Edward Joseph McCarthy, Biological and Agricultural Engineering
Simsbury, Connecticut
Dissertation: Modification, Testing and Application of a Hydrologic Model for a Drained Forest Watershed. (Under the direction of R. Wayne Skaggs.)

Myra Jerone McCrickard, Economics
Martinsville, Virginia
Dissertation: Real Business Cycle Models: Some Direct Evidence. (Under the direction of Douglas Fisher and John J. Seater.)

Sylvester Elliott McKay, Psychology
Raleigh, North Carolina
Dissertation: Psychosocial Competence, Adjustment to College and Academic Success of Learning Disabled Community College Students. (Under the direction of Patricia F. Horan.)

Deborah Ann McLeod, Veterinary Medical Services
Fuquay-Varina, North Carolina
Dissertation: Modification of Radiation Damage in the Canine Kidney by Hyperthermia: A Histologic and Functional Study. (Under the direction of Donald E. Thrall.)

Mark Richard McMurtry, Horticultural Science
Ellsworth, Maine
Dissertation: Performance of an Integrated Aquaculture-Olericulture System as Influenced by Component Ratio. (Under the direction of Ronald G. Hodson and Douglas C. Sanders.)

Julie Ray Meyer, Plant Pathology
Minneapolis, Minnesota
Dissertation: The Effect of Soil Factors on the Incidence and Severity of Black Root Rot of Burley Tobacco, Caused by *Thielaviopsis basicola*. (Under the direction of C. Lee Campbell and H. David Shew.)

Lisa Maurer Must, Veterinary Medical Sciences
Newark, Delaware
Dissertation: Identification and Characterization of *pilE*, a Gene Determining Receptor Binding of *Escherichia coli* Type 1 Pili. (Under the direction of Paul E. Orndorff and Donald G. Simmons.)

Edward Roy Myers, Materials Science and Engineering
Springfield, Illinois
Dissertation: Influence of Point Defects on Electronic Properties in Low Energy Ion Implantation. (Under the direction of John J. Hren.)

- Willard Wayne Neel, Mechanical Engineering
Raleigh, North Carolina
Dissertation: A Ray Tracing Computative Method for Architectural Spaces Incorporating Interference Phenomena. (Under the direction of Thomas H. Hodgson.)
- Sue Ellen Nokes, Biological and Agricultural Engineering
Canal Fulton, Ohio
Dissertation: Simulation of the Development and Control of *Cercospora* Leafspot and the Effect on Peanut Growth. (Under the direction of James H. Young.)
- John Edward Olsen, Materials Science and Engineering
Hoboken, New Jersey
Dissertation: Infrared Internal Reflection Spectroscopy of SiO_2 on Silicon. (Under the direction of John H. Hren.)
- Nur Mevlude Onvural, Economics
Ankara, Turkey
Dissertation: Economics of Scale and Economies of Scope in North Carolina Savings and Loan Institutions. (Under the direction of Douglas K. Pearce.)
- Girish Anant Pai, Fiber and Polymer Science
Bombay, India
Dissertation: The Creep and Fatigue Lifetime Behavior of Poly (ethylene terephthalate) Monofilaments. (Under the direction of Subhash K. Batra and Solomon P. Hersh.)
- Gregory Newton Parsons, Physics
Baldwinsville, New York
Dissertation: Preparation and Physical Properties of Hydrogenated Amorphous Silicon Thin Films. (Under the direction of Gerald Lucovsky.)
- Elizabeth Rose Pedersen, Psychology
Pittsboro, North Carolina
Dissertation: A Predictive Model of Post-retirement Life Satisfaction. (Under the direction of Charles D. Korte.)
- John Michael Polo, Microbiology
Big Flats, New York
Dissertation: Molecular Analysis of Sindbis Virus Pathogenesis. (Under the direction of Robert E. Johnston.)
- Todd Morsman Powers, Psychology
Raleigh, North Carolina
Dissertation: Perceived Opinion Projection in Others: An Extension of False Consensus Research. (Under the direction of James E. R. Luginbuhl.)
- Leonard Franklin Register II, Electrical Engineering
Beaufort, North Carolina
Dissertation: Path-integral Monte Carlo Methods for Ultrasmall Device Modeling. (Under the direction of Michael A. Littlejohn.)
- Ashraf Hassan Riad, Civil Engineering
Cairo, Egypt
Dissertation: The Shear Strength Controlling the Stability of Cut Slopes in Residual Soil. (Under the direction of Philip C. Lambe and Harvey E. Wahls.)

Naraporn Rungsimuntakul, Fiber and Polymer Science
Bangkok, Thailand

Dissertation: Effects of Incorporation of Masked Isocyanates on the Moisture Absorption and Mechanical Properties of Epoxy Resins. (Under the direction of Raymond E. Fornes and Richard D. Gilbert.)

Jon Paul Rust, Fiber and Polymer Science
Raleigh, North Carolina

Dissertation: Fiber Assembly in Friction Spinning. (Under the direction of Peter R. Lord.)

Joselito Alcantara Sarreal, Materials Science and Engineering
Manila, Philippines

Dissertation: Microstructural Development in Rapidly Solidified Fe-Al-C and Fe-Al-C Based Alloys. (Under the direction of Carl C. Koch.)

Gregory Damian Sayles, Chemical Engineering
Berkeley, California

Dissertation: Modeling and Analysis of Immobilized Cell Catalysts and Reactors. (Under the direction of David F. Ollis and Steven W. Peretti.)

Sujit Sharan, Materials Science and Engineering
Ranchi, Bihar, India

Dissertation: Nature of Defects and Defect Reduction Processing in GaAs/Si Heterostructures. (Under the direction of Jagdish Narayan.)

Suresh Rajbhat Siddhanti, Biochemistry
Bombay, India

Dissertation: Studies on the Mechanism of Metabolic Regulation by Dietary Fat. (Under the direction of Samuel B. Tove.)

Eric David Sills, Nuclear Engineering
Kannapolis, North Carolina

Dissertation: Thermal-hydraulic Modelling of Nuclear Reactor Systems Using Advanced Architecture Computers. (Under the direction of J. Michael Doster.)

Paul Chace Smithson, Soil Science
Winston-Salem, North Carolina

Dissertation: Aluminum Chemistry of Forested Soils Subjected to Acidic Inputs. (Under the direction of Wayne P. Robarge and Sterling B. Weed.)

Sreeram Srinivasan, Materials Science and Engineering
Madras, India

Dissertation: Crack Growth Resistance Effects in Erosion and Local Impact Damage of Ceramics. (Under the direction of Ronald O. Scattergood.)

Virginia Lessmann Stonick, Electrical Engineering
Pittsburgh, Pennsylvania

Dissertation: Global Methods of Pole/Zero Modeling for Digital Signal Processing Using Homotopy Continuation Methods. (Under the direction of S. Thomas Alexander.)

Ching-Tzong Sune, Electrical Engineering
Taipei, Taiwan, Republic of China

Dissertation: Radiation Damage Phenomena in Insulated Gate Field Effect Transistors. (Under the direction of Arnold Reisman.)

Maylon Bruten Taylor II, Fiber and Polymer Science

Raleigh, North Carolina

Dissertation: The Kinetics of Radiation-induced Inverse Emulsion Polymerization of Vinylpyrrolidone. (Under the direction of Richard D. Gilbert and Vivian T. Stannett.)

Craig Steven Turchi, Chemical Engineering

Dallas, Texas

Dissertation: Heterogeneous Photocatalytic Degradation of Organic Water Contaminants: Kinetics and Hydroxyl Radical Mechanisms. (Under the direction of David F. Ollis.)

John Alexander Turner, Nuclear Engineering

Winston-Salem, North Carolina

Dissertation: Transient Two-phase Subchannel Analysis on Advanced Architecture Computers. (Under the direction of J. Michael Doster.)

Mark Steven Udevitz, Biomathematics and Statistics

Raleigh, North Carolina

Dissertation: Change-in-ratio Methods for Estimating the Size of Closed Populations. (Under the direction of Cavell Brownie and Kenneth H. Pollock.)

Maureen Odilia Vandermaas, Psychology

Charlotte, North Carolina

Dissertation: The Effects of Anxiety on Children's Memory for Dental Procedures. (Under the direction of Lynne Baker-Ward and Thomas M. Hess.)

José Leonidas Villalobos, Animal Science

San Jose, Costa Rica

Dissertation: Diet Quality, Tiller Dynamics and Total Nonstructural Carbohydrates in Flaccidgrass (*Pennisetum flaccidum* Griseb) under Three Defoliation Regimes. (Under the direction of Joseph C. Burns.)

Saranath Laksman Weerakoon, Civil Engineering

Embilmeewala, Sri Lanka

Dissertation: Behavior of Slender Reinforced Concrete Columns Subjected to Biaxial Bending. (Under the direction of Shuaib H. Ahmad.)

Thomas Joseph Weingartner, Marine, Earth and Atmospheric Sciences
Fairbanks, Alaska

Dissertation: Aspects of the Mass, Momentum and Heat Balances of the Central Equatorial Atlantic Ocean. (Under the direction of John M. Morrison and Robert H. Wiesberg.)

Terry Ann Wheeler, Plant Pathology

Stephentown, New York

Dissertation: The Effects of Soil Moisture on the Populations Dynamics of *Meloidogyne incognita* and Growth of *Nicotiana*. (Under the direction of Kenneth R. Barker and Sally M. Schneider.)

Garry Wong, Toxicology

Sacramento, California

Dissertation: The Steroid 16 α -Hydroxylase Gene Family (P450IID9): Structure and Regulation. (Under the direction of Ernest Hodgson.)

Stephen Ray Workman, Biological and Agricultural Engineering
Lynchburg, Ohio
Dissertation: Development and Application of a Preferential Flow Model.
(Under the direction of R. Wayne Skaggs.)

Ke-Jun Xie, Mechanical Engineering
Shanghai, People's Republic of China
Dissertation: A Boundary Element Method (BEM) Solution for a Fractional Operator Modeled Viscoelastic-Acoustic System. (Under the direction of Larry H. Royster.)

Abdul-Aziz Yakubu, Applied Mathematics
Accra, Ghana
Dissertation: Global Stability, Bifurcation and Chaos in Discrete Competitive Systems. (Under the direction of John E. Franke.)

Yuri Takeshima Yamamoto, Genetics
Ibaraki, Japan
Dissertation: A Tobacco Root-specific Gene: Characterization and Regulation of Its Transcription. (Under the direction of Mark A. Conkling and Charles S. Levings.)

Fred Hinnant Yelverton, Crop Science
Black Creek, North Carolina
Dissertation: The Use of Activated Carbon to Reduce Phytotoxicity of Herbicides to Flue-cured Tobacco (*Nicotiana tabacum*). (Under the direction of Gerald F. Peedin and A. Douglas Worsham.)

Andrew Gerard Yersin, Physiology
Baltimore, Maryland
Dissertation: Observations on Physiological Alterations in the Turkey Poults during *Bordetella avium* Infection. (Under the direction of Frank W. Edens.)

Ji Zhang, Statistics
Shandong, People's Republic of China
Dissertation: Bootstrap Methods for Tests about Covariance Matrices. (Under the direction of Dennis D. Boos.)

UNDERGRADUATE ALUMNI DISTINGUISHED PROFESSORS

E. M. Afify	Mechanical & Aerospace Engineering	College of Engineering
Richard L. Porter	Materials Science and Engineering	College of Engineering
Robert L. Beckmann	Botany	Agriculture and Life Sciences
Kevin R. Pond	Animal Science	Agriculture and Life Sciences
Richard C. Dillman	Microbiology, Pathology, and Parasitology	College of Veterinary Medicine
Christopher R. Gould	Physics	Physical and Mathematical Sciences

GRADUATE ALUMNI DISTINGUISHED PROFESSORS

Fred R. DeJarnette	Mechanical & Aerospace Eng.	College of Engineering
Stanley Buol	Soil Science	Agriculture & Life Sciences

OUTSTANDING TEACHERS FOR 1989-90

<i>Name</i>	<i>College and Department</i>
S. Thomas Alexander	Engineering Electrical & Computer Engineering
Gary B. Blank	Forestry Forestry
Roy H. Borden, Jr.	Engineering Civil Engineering
John T. Brake	Agricultural & Life Sciences Poultry Science
John C. Cornwell	Agricultural & Life Sciences Animal Science
John M. Cullen	Veterinary Medicine Microbiology, Pathology and Parasitology
Paul R. Fantz	Agricultural & Life Sciences Horticultural Science
J. Conrad Glass, Jr.	Education and Psychology Adult & Community College Education
Claudia B. Kimbrough	Humanities & Social Sciences Economics & Business
Russell E. King	Engineering Industrial Engineering
Eric C. Klang	Engineering Mechanical & Aerospace Engineering
Robert H. Martin, Jr.	Physical and Mathematical Sciences Mathematics
Marianetta Porter	School of Design Design
Allen J. Riordan	Physical and Mathematical Sciences Marine, Earth, and Atmospheric Sciences
Gary T. Roberson	Agricultural & Life Sciences Biological & Agricultural Engineering
Tony K. Stewart	Humanities and Social Sciences Philosophy and Religion
James E. Swiss	Humanities and Social Sciences Political Science and Public Administration
Charles Tomasino	Textiles Textile Engineering, Chemistry, and Science

Awards for Achievement 1989-1990

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

Agri-Life Council Outstanding Club Member Awards:

African American Science and Health Society: G. Bernard Taylor, Fayetteville
Agronomy: Ronald E. Kelly, Candor
Animal Science: Craig S. Gentry, Eunice
Biochemistry: Victoria M. Zula, Durham
Biological and Agricultural Engineering: Science Curriculum—Randall K. Page,
Elon College; Technology Curriculum—Donald L. Wells, Henderson
Biology: Margaret D. Kirby, Cary
Agricultural Economics: Philip C. Shivar, Dudley
Food Science: Jaime Mullerat, Raleigh
Horticultural Science: Laurie J. Smith, Kitty Hawk
Microbiology: Sharon R. Collins, East Bend
National Agri-Marketing Association: Elizabeth A. Palmer, Raleigh
Poultry Science: Aaron D. Sheffield, Magnolia
Pre-Medical and Pre-Dental: Lori M. Langdon, New Hill
Pre-Veterinary: David W. Linzey, Raleigh
Wildlife Biology: James D. Dick, Summerfield

Agronomy

Senior Highest Scholastic Average in Agronomy: Felicia Cope, Clemmons
American Society of Agronomy Award, Most Outstanding Senior: Ronald E. Kelly,
Candor
Agronomy Club Leadership Award: Ronald E. Kelly, Candor

Animal Science

Most Outstanding Club Member: Karen Pegram, Belews Creek
Most Outstanding Senior: Carol Greene, Collettsville
American Society of Animal Science Undergraduate Awards: Stephanie V. Baker,
Mt. Olive; Christine J. Campbell, Lewisville; Staci H. Canterbury, Cary; Maria C.
Casey, Raleigh; Scott R. Chandler, Mount Gilead; Carlton A. Cook, Raleigh; Susan
M. Creed, Columbia, SC; Matthew W. Ehinger, Stedman; Joyce C. Greene, Colletts-
ville; Catherine H. Hamilton, Raleigh; Christine D. Hannaway, Raleigh; Kenneth L.
Howe, Jr., Gastonia; Lucille Kohut, Raleigh; Laurie A. Lang, Kernersville; Elisa D.
Long, Huntersville; Meredith Mahon, Fuquay-Varina; Bridgett C. Mitchell,
Greensboro; Laura H. Phillips, Mocksville; Alice L. Terrell, Charlotte; Vicki Y.
Wilson, Henderson; Danny L. Wright, Polkton

Biochemistry

Outstanding Biochemistry Student Awards: Rebecca Bullard-Dillard, Garner;
Michelle L. DuBois, Dallas, TX; Margaret E. Guest, Durham

Biological and Agricultural Engineering

*American Society of Agricultural Engineers, Student Honors Awards—North
Carolina Student Engineering Branch of the American Society of Agricultural Engi-
neers:* Anders S. Johansson, Salisbury

*North Carolina Student Mechanization Branch of the American Society of Agricul-
tural Engineers:* Robert S. Clontz, Troutman

Food Science

B. M. Newell Award: Ginger D. Goodman, Salisbury
Forbes Leadership Award: Ginger D. Goodman, Salisbury
Ambrosia Chocolate Top Scholar Award: Jaime Mullerat, Raleigh
Crouch Scholastic Achievement Award: Lisa C. Shaw, Gaithersburg, MD

Horticultural Science

Outstanding Senior Horticulturist Award: Dane K. Fisher, Salisbury

Microbiology

Most Outstanding Student: Martina M. Gratzl, Raleigh

Poultry Science

T. T. Brown Poultry Science Club Award: Aaron D. Sheffield, Magnolia

Zoology

Most Outstanding Student: Katherine B. Meadows, Lewisville

SCHOOL OF DESIGN

ARCHITECTURE AWARDS

The American Institute of Architects School Medal: Criteria: scholastic achievement, character, and promise of professional ability. *Sarah Duncan Drake*

The American Institute of Architects Certificate of Merit: Criteria: scholastic achievement, character, and promise of professional ability. *Andrew James Iatridis*

North Carolina Chapter of The American Institute of Architects Award for Design Achievement: Criteria: greatest promise in design by a Master of Architecture degree recipient. *Andrew James Iatridis*

Richard Green Award for Design Achievement: Criteria: greatest promise in design by a Bachelor of Architecture degree recipient. *Wojciech Szaszor*

Architecture Faculty Award for Design Achievement: Criteria: greatest promise in design by a Bachelor of Environmental Design/Architecture degree recipient. *Jerry Darrell Fink*

Alpha Rho Chi Medal: Criteria: ability for leadership . . . willing service to his or her school . . . and program . . . promise of real professional merit through attitude and personality. *Michael Ross Kersting*

Walter Hook Award: Criteria: appreciation for and creative application of technology in architecture. *Elias John Torre*

DESIGN AWARDS

Design Faculty Book Awards: Criteria: Outstanding academic achievement and design excellence in the Department of Design. *Mary Lou Herring, Aly Gamil Khalifa, Laura Suzanne Lambie, Amy Rebecca Milne*

LANDSCAPE ARCHITECTURE AWARDS

The American Society of Landscape Architects Certificate of Honor: Criteria: scholarship and accomplishment in skills related to the art and technology of Landscape Architecture. *Timothy William Maloney, Iana Joy Doherty, Joseph Michael Orthosky, Jr.*

The American Society of Landscape Architects Certificate of Merit: Criteria: scholarship and accomplishment in skills related to the art and technology of Landscape Architecture. *Ralph James Cox, Jr., Joanne Benton Rubino, Catherine Jane Parring Voorhees*

Landscape Architecture Faculty Honor Award: Criteria: outstanding academic performance and design excellence in Landscape Architecture. *Peter Truesdell Lucy*

Landscape Architecture Faculty Service Award: Criteria: for dedicated service in support of faculty and students in the Department of Landscape Architecture. *Julia Haysworth Barringer*

Landscape Architecture Faculty Book Award: Criteria: Total scholastic performance and professional promise. *Shanda Harrelson Davenport*

PRODUCT/VISUAL DESIGN AWARDS

Product Design Book Awards: Criteria: scholastic achievement in Product Design. *Stephen E. Wald (Undergraduate), Richard C. Stone (Graduate)*

Outstanding Undergraduates in Visual Design Book Awards: Criteria: scholastic achievement in Visual Design. Allison Grey Lackey, Tanya Ann Quick
Outstanding Graduate in Visual Design Book Award: Criteria: scholastic achievement in Visual Design. Max Justin Beck
American Institute of Graphic Arts Raleigh Chapter Student Award: Criteria: outstanding senior in Visual Design. Nathaniel Williams
Industrial Designers Society of America Student Merit Award: Criteria: outstanding Graduate in Product Design. A. Reneau VanLandingham

COLLEGE OF EDUCATION AND PSYCHOLOGY

Education Council Outstanding Senior Awards:
Agricultural Education: Margaret Donohue Hardin, Hillsborough
Health Occupations Teacher Education: Linda Rogers, Raleigh
Marketing Education for Teachers: Koren Wilkerson, Raleigh
Mathematics Education: Margery Leigh Hollis, Charlotte
Middle Grades Language Arts and Social Studies: Melissa Isaacs, Pinnacle
Psychology (outstanding graduating senior): Scott Alan Smith, Durham
Psychology (general option): Kim Rosan Tousignant, Raleigh
Psychology (human resource development option): Mary Anna Willingham, Kenansville
Science Education: Melissa A. Ballington, Cary
Technology Education: Harden Ricci, Cary

Agricultural Education Awards to Most Outstanding Seniors:
Fall 1988: Keith Whitley, Hays
Spring 1990: Troy Coggins, Denton
Durwin M. Hanson Achievement Award: Ricky Warren, Clinton
Epsilon Pi Tau-Leadership Award: David J. Scott, Kinston
Mathematics Education, Outstanding Graduate Teaching Assistant: Glenda R. Haynie
Mathematics Education Service Award to Outstanding Teaching: Glenda Johnson Moody
Psychology Department Award for Service to the Department: Teresa Dent Hill, Raleigh; Evan Eugene Upchurch, Maggie Valley
Psychology Department Award for Academic Achievement: Joseph Clair McClintock, Raleigh
Psychology Department Award for Research: Sumedha Gupta, Raleigh
Science Education Service Award to Outstanding Teacher: Rachel Suzanne Parks

COLLEGE OF ENGINEERING

Engineering Senior Award for Scholarly Achievement: Kimberly A. Monroe, Wadsworth, OH (Industrial Engineering)
Engineering Senior Award for Citizenship and Service: Kristin Keidel, Muskegon, MI (Mechanical & Aerospace Engineering)
Engineering Senior Award for Leadership: Jane Stover, Charlotte (Textile Engineering, Chemistry & Science)
Engineering Senior Award for the Humanities: Alicia Elizabeth Speight, Grimesland (Civil Engineering)

Biological and Agricultural Engineering

Agri-Life Council Outstanding Club Member Award for Biological and Agricultural Engineering: Science Curriculum: Randall Keith Page, Elon College
American Society of Agricultural Engineers Student Honor Award: North Carolina Student Engineering Branch of ASAE: Anders S. Johansson, Salisbury

Chemical Engineering

Outstanding Contribution to Chemical Engineering Department: Bedie M. Roberts
NSDEA Graduate Fellowship: Gavin Gaynor
Schoenborn Graduate Student Award: Jim Hunter

Civil Engineering

Associated General Contractors Award to Outstanding Senior in Civil Engineering/Construction Option: Scott E. Rushing

Outstanding Teaching Assistant Awards: Gregory S. Briggs, Stillwater, OK; Steve D. Carpenter, Arden; James D. Holt, Raleigh

ASCE Outstanding Seniors: Charles William Moyres, Spring Lake; Gretchen Ann Hobbs, Hobbsville; Cindy A. Satterwhite, Winston-Salem; Matthews Day Foster, Cary

Grigg Mullen Award for Exceptional Service to ASCE: Charles Moyers, Spring Lake

Computer Science

Scholarly Achievement: Alan G. Bishop, Raleigh

Citizenship and Service: Timothy E. Figgins, Raleigh

Humanities: Stacy A. Hilliard, Baltimore, MD

Leadership: Douglas M. Seay, Cary

Electrical and Computer Engineering

William L. Everitt Awards: Daniel W. Carlson, Raleigh; Darren A. Shakib, Lexington, KY

Outstanding Electrical Engineering Senior Award: Michael E. Bailey (December 1989), Salisbury; Daniel W. Carlson, Raleigh

Outstanding Computer Engineering Senior Award: Sui O. Yee (December 1989), New Bern; George E. Hague, Wilkesboro

Outstanding IEEE Student Award: Donna L. Brown, Washington

Furniture Manufacturing and Management

Rudolph Willard Award, Outstanding Senior in Furniture Manufacturing and Management: J. David Vaughan, Galax, VA

Industrial Engineering

Outstanding Industrial Engineering Student: Kimberly A. Monroe, Wadsworth, OH

Materials Science and Engineering

Outstanding Senior Award: Warren Andrew Thomas

NSF Engineering Research Center Award for Advanced Electronic Materials Processing: Vincent Harold Hammond

Mechanical and Aerospace Engineering

ASME Outstanding Student Member: Clair Hobbs Barrett, Raleigh

Charles T. Main Award for Region IV of ASME: Bradley Mains, Recipient for 1989-90, Scottsville; Clair Hobbs Barrett, Nominee for 1990-91, Raleigh

ASME National Student Section's Committee Service Award: Sherri Fishel

AIAA President's Certificate: Rebecca Squires

Nuclear Engineering

Outstanding Nuclear Engineering Senior Award: Kevin Roland, Eden

Textile Engineering

Harry Ball Honor Award: Jane E. Stover, Charlotte

Murray Frumkin Honor Award: John Timothy Roberts, Burlington

Textile Veteran's Association Honor Award: Robert J. Bender, Fayetteville

COLLEGE OF FOREST RESOURCES

Forestry

Biltmore Work Scholarships: David P. Blevins, Langley AFB, VA; Robert B. Kidd, Siler City; James W. Overby, High Point; Victor H. Parrish, Raleigh; Robert D. Sturgill, Raleigh; Philip E. Whitlow, Raleigh

Ralph Bryant Scholarship Awards: Henry A. Randolph, Cameron; James N. Slye, Mocksville

E. F. Conger Scholarship: Christopher F. Dumas, Raleigh; Jerold M. Bryant, Raleigh

James L. Goodwin Work Awards: Barbara Boothroyd, Asheville; Melanie A. Burke, Raleigh; Stephen M. Daniels, Greensboro; Thomas J. Margo, Raleigh; Michael M. Petruncio, Raleigh; David B. Powell, Jr., Franklin, VA; James F. Shern, Raleigh

James L. Goodwin Academic Scholarship Awards: Melanie A. Burke, Raleigh; Paul T. Eriksson, Ledgewood, NJ; Edward L. Liverman, Roanoke Rapids; Deborah L. Nahikian, Raleigh; James N. Slye, Mocksville; Forrest H. Teague, Jr., Goldsboro; Randall F. West, Jr., Andrews

Jonathan Wainhouse Memorial Scholarship Awards: David B. Powell, Jr., Franklin, VA; James F. Shern, Derwood, MD; Michi C. Vojta, Naperville, IL

John M. and Sally Blalock Beard Forestry Scholarship: Joseph R. Byrd, Durham; Richard A. Crouse, Winston-Salem; Bradley C. Duckworth, Rocky Mount; Jeffrey M. Leonard, Wake Forest; Matthew B. Vincett, Raleigh

Hofmann Forest Academic Scholarship Awards: Derek E. Halberg, Charlotte; Thomas W. Harrill, Arden; Henry A. Randolph, Jr., Cameron; Joanne L. Stumpf, Raleigh; Bruce White, Durham

College of Forest Resources Scholarships: Christopher N. Duncan, Martinez, GA; Johann A. Mosley, Kinston

Wood and Paper Science

Pulp and Paper Science Technology

Albright & Wilson Americas Inc. Scholarship: Harvey William White, Cary

Alonzo Aldrich Scholarship: John Gerhard Michael, Warner Robins, GA

Dietrich V. Asten Scholarship: Kevin D. Hamilton, Winston-Salem

Betz Laboratories, Inc. Scholarship: Chris David Jones, Palatka, FL

M. Lebbay Boinest, Jr. Scholarship: Daniel Edwin Pouchot, Achilles, VA

David & Doris Bossen Endowment: William Gregory Fullenwider, Lewisport, KY

E.J. & S.W. Brickhouse Scholarship: Robert Shean Cumbee, Supply

William E. Caldwell Scholarship: John William Graves, Pensacola, FL

Lawrence H. Camp Scholarship: Douglas Frank Falls, Franklin, VA

Caraxstar Industries Scholarship: Bradley Lee Evans, Rome, GA

J. Robert Carpenter Scholarship: Heidi Lyn Musser, Clifton Forge, VA

Drs. Li-Sho & Lee-Fun Chang Scholarship: Bradford Scott Barron, Raleigh

Charles W. Coker, Sr. Scholarship: Patrick Wayne Low, Rock Hill, SC

W. V. Cross & Nalco Scholarships: Robert Glenn McRee, Rome, GA

E.E. Ellis Scholarship: Jason Scott Cronin, Tell City, IN

John A. Heitmann, III Scholarship: Mitchell Alan Malcolm, Centerville, GA

Hercules, Inc. Scholarship: Gregory James Venditti, Monroe, CT

Robert G. Hitchings Scholarship: Mary Kathryn Harrison, Raleigh

IP/PPT Minority Scholarship: Darryl D. Rasberry, Pine Bluff, AR

James River Corporation Scholarship: George Edward Stubbins, Mooresville

Kamine Engineering Scholarship: Andrew Anthony Hobson, Asheboro

John R. Kennedy Scholarship: William A. Norris, Wilmington

Will P. Lovin Scholarship: Scott Alexander Hamilton, Waynesville

Hazard & Ada May Scholarship: Wade Edward Rushing, Winston-Salem

John M. May, Jr. Scholarship: James Anthony Johnson, Stanley

Nalco Chemical Co. Scholarship: Kevin Jerome Gramelspacher, Tell City, IN

George E. Oakley Scholarship: Andrea L. Nelson, Macon, GA

Sture G. Olsson Scholarship: John Leon Windley, Hayes, VA

C.C. Peters Scholarship: Kathryn Lynn Bennett, Wilmington

PIMA-SE Scholarship: Kevin Correll Christian, Raleigh

PIMA-Southern Scholarship: Mark Allen Hayter, Williamsburg, VA

PIMA-Southern Scholarship: Christopher James Hayter, Williamsburg, VA

Rector/Ashcraft Scholarship: Melinda Joyce McDaniel, Warner Robins, GA

Salesmen's Soc. PIMA Scholarship: Michael Steven Jackson, Shelby

Salesmen's Soc. PIMA Scholarship: Dennis William Singleton, Canton

Harry H. Saunders Scholarship: Steven R. Spencer, Midlothian, VA

Dr. Fred B. Schelhorn Scholarship: Jeffrey Gordon Thomas, Jamestown

Michael Sherman Scholarship: Lisa Joan Greene, Hawesville, KY

Showlin Family Scholarship: Christopher William Blenk, Savannah, GA

Ray Smith Scholarship: Larry Scott Jackson, Ashland, VA

Dwight Thomson Scholarship: Charles Kevin Haney, Canton
Tidewater Construction Co. Scholarship: Edward Allen Turner, Franklin, VA
Union Camp Corporation Scholarship: Ronald Lee Smith, Brunswick, GA
Vinings Chemical Scholarship: John Charles Single, Atlanta, GA.

Wood Science & Technology

The Roy Carter Scholarship: Reynolds W. Trull, Henderson
Thomas Forshaw Scholarship: Jack M. Ragan, III, Raleigh
Weyerhaeuser Company Scholarship: Clyde G. Arnette, Raleigh; Frederick S. Carter, Jr., McLeansville; Jerry M. Floyd, Chadburn; Gregory R. Kasten, Edwardsville, IL; Bernard T. Rose, Seaboard; James E. Rubino, Raleigh; Talya R. Selbst, Wendell; James A. Snyder, Monroe, NY; Paul W. Westbrook, Raleigh

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Highest Scholastic Achievement Awards

College of Humanities and Social Sciences: Thomasina Stikeleather, Kernersville
Division of Economics and Business: Thomasina Stikeleather, Kernersville
(Accounting): Elizabeth Price Feild, Belmont (Business Management); Christopher W. Johnson, Fuquay-Varina (Economics)
Department of English: Judith E. Darling, Garner
Department of Foreign Language and Literatures: James M. Matson, Stonesville
Department of History: Kim Ray Annas, Wake Forest
Department of Multidisciplinary Studies: Tiffany Paige Martz, Durham
Department of Philosophy and Religion: John M. Bishop, III, Raleigh
Department of Political Science and Public Administration: Christopher W. Johnson, Fuquay-Varina

Department of Sociology and Anthropology: Ellen Christine Miller, Landis, (Sociology); Margaret Burden Seagroves, Raleigh (Social Work)
Department of Speech Communication: Joseph T. Gaitens, Cary
Outstanding Senior Awards: Joseph T. Gaitens, Cary; Genette Lynn Robinson, Greensboro

COLLEGE OF PHYSICAL AND MATHEMATICAL SCIENCES

College Awards to Outstanding Seniors

Scholarship: David Alston Chesnutt, Turkey
Citizenship and Service: Stephen Andrew Hall, Louisburg
Humanities: Hok Kim, Raleigh
Leadership: Scott Thomas Gray, Raleigh
Research: Charles John Brabec, Raleigh
Phi Kappa Phi Graduate Fellowship Award: Judith Elaine Bush, Winter Park, FL

Departmental Awards

Chemistry

The North Carolina Institute of Chemists' Award: Susan Ellen Kuharcik, Wilmington
The Merck Index Awards for Scholastic Achievement Award: Deborah Marie Berg, Raleigh; Steven Philip Manuli, Mebane
The CRC Press Freshman Chemistry Achievement Award: Pamela Marie Meads, Elizabeth City
The 1990 Undergraduate Award in Analytical Chemistry: Krista Kasdorf-Connard, Raleigh

Physics

Outstanding Graduating Seniors in Physics: Michael Jennings Bennett, Columbus, OH; Charles John Brabec, Raleigh; Darin Thomas Cox, Raleigh
Freshman Physics Studentship: Danene Groenke, Charlotte
Herbert L. Owen Scholarship: John Boney, Wilmington

Statistics

Outstanding Graduating Senior in Statistics: Jeffrey Travis Morgan, Raleigh
F. E. McVay Scholarship: Meredith Carson Dunning, Raleigh
Outstanding Teaching Assistant Awards: Dominique Latour, Raleigh; Susan Melissa Starr, Raleigh
Academic Achievement Awards: Jorge Sierra-Cavazos, Cary; Graciela Gonzalez-Farias, Cary; Tonya Lynn Etchison, Raleigh
Gertrude Mary Cox Fellowship Award: Tonya Lynn Etchison, Raleigh

Mathematics

Outstanding Graduating Senior in Mathematics: Candace Ruth Somers, Raleigh
John Cell Scholarship: Wendy Ellen Sense, Raleigh
Mary Alice and Hubert V. Park Scholarship: Pamela Jane Vehling, Raleigh;
Adam Guy Fitzgerald, Raleigh
Jack Levine-Charles Anderson Award: Havish Koorapaty, Raleigh
Charles Anderson Scholarship: David Ethan Mills, Cary
Charles F. Lewis Scholarship: Mark Robert Sinopoli, Raleigh
Mrs. Roberts C. Bullock Scholarship: Robert Benton Armstrong, Jr., Raleigh
The Maltbie Award: Elizabeth Jones, Raleigh; Andres S. Ravenna, Raleigh
Lowell S. Winton Graduate Award: Abdul-Aziz Yakubu, Washington, DC

Marine, Earth and Atmospheric Sciences

Outstanding Graduating Seniors in Geology/Geophysics: Jerry Lee Burgess, Wheaton, MD; Stephen Andrew Hall, Louisburg
Outstanding Graduating Senior in Meteorology: Mototaka Nakamura, Raleigh
Freshman Scholarship in Geology (1989-90): Robert J. Starzynski, Charlotte
Sophomore Scholarship in Geology (1989-90): Matthew Z. Cromer, Durham
Outstanding Teaching Assistant Awards:
Geology: John M. Brown, Raleigh;
Meteorology: Robert A. Rozumalski, Raleigh

COLLEGE OF TEXTILES

Joseph D. Moore Honor Award: Kentley B. Hester, Gastonia
Harry Ball Honor Award: Jane E. Stover, Charlotte
Lawrence Jason Honor Award: Leah R. Caviness, Lakeview
Chester H. Roth Honor Award: To be announced
John M. Reeves Scholarship: Steven K. Benson, Winston-Salem
Murray Frumkin Honor Award: John Timothy Roberts, Burlington
Textile Veterans Association Honor Award: Robert J. Bender, Fayetteville
John E. Reeves Award: Robert E. Earp, Raleigh
Donald F. McCullough Award: Charles F. Hollar, Newton Grove
John N. Gregg Award: Frederick Mark Stone, Salisbury
American Association of Textile Chemists & Colorists Award: James Gary Hough, Fuquay-Varina
Phi Psi Textile Fraternity Award: Anne W. Sinkler, Raleigh
American Association for Textile Technology Award: Jennifer L. Smith, Laurinburg
Sigma Tau Sigma Scholarship Fraternity Award: To be announced
Kappa Tau Beta Student Leadership Award: Carrie Schurecht, Barrington, IL
Delta Kappa Phi Textile Fraternity: Suzanne D. Smith, Charlotte
AAMA - Apparel Student of the Year: To be announced
Henry A. Rutherford Honorary Award: Carole D. Lundberg, Garner
Dean's Award: Kentley B. Hester, Gastonia

ALUMNI ATHLETIC AWARD

Krista Kilburn

PHI KAPPA PHI ACHIEVEMENT AWARDS

Seniors

Jonas Marc Batten
David Alston Chesnutt

Katherine Burgan Meadows
Kimberly Ann Monroe

NCSU Nominee for National PHI KAPPA PHI Fellowship Award: Judith Elaine Bush

Honorable Mention: Darin Cox

GOLDEN CHAIN HONOR SOCIETY MEMBERS FOR 1989-90

Susan Elizabeth Brooks
Stephen Price Cook
Laura Beth Darien
Teresa DeLoatch
Chandana Ganguli
Terri Lynne Hefner
Jeffrey Allen Joines
Katherine Burgan Meadows
Stephanie Darrice Porter
Miriam Graham Preston
Anne Elizabeth Stubbins

THE HONOR SOCIETY OF PHI KAPPA PHI, GRADUATING SENIOR MEMBERS

December, 1989

Robert G. Blanton III
Gregory E. Bottomley
Charles John Brabec
Randall Glenn Bright
Patrick L. Combettes
Judith Ellen Darling
Gregory K. Daugherty
Susan Watkins Davis
Verna Arthur Edwards
Margaret Patricia Fels
Dane Kinard Fisher
Linda Adrienne Frye
Robert F. Gansman
Krishna K. Gijupalli
Karen Michelle Grady
Wade Eric Jackson
David Carroll Jeffers
Christopher W. Johnson

Renu Pra Karamchandani
Karen I. Kitchens
Marian Davis Larrea
Ronald Gerald Lindsay
James Matthew Matson
Mary E. McKnight
Katherine B. Meadows
Ellen Christine Miller
Bernie Paul Pearce
Jeffrey Scot Ricks
Cynthia Siira Robbins
Scott Ernest Rushing
Margaret E. Thompson
Kyle Evan Troxell
Jacqueline Wheelaghan
Helen Hopson Yokeley
Pamela Denise Young

May 1990

Kim Ray Annas
Luis Felipe Arauz
Selena Lee Armistead
John Lewis Avent
Cynthia Ann Ballenger
Melissa Ann Ballington
Timothy Scott Barlow
Jonas Marc Batten
Robert Kevin Blackburn
Jack Wayne Bowling, Jr.
Frank Joseph Brauns
David William Bray
Lisa Gayle Brooks

Susan Elizabeth Brooks
Lisa Yvette Bryan
Joel Kirk Budd
Douglas L. Bunting, Jr.
Silvia Elena Buntinz
Judith Elaine Bush
Patricia R. Butcher
Anna Michelle Byrd
Dara Quayle Caricofe
Daniel Walter Carlson
Maria C. Casey
Ugur Celikkan
Alan Richard Chappel

David Alston Chesnutt
Joseph Jerome Cione
Troy Eugene Coggins
Elizabeth Hastings Conroy
Felicia Adair Cope
Lewis Norman Cornwall
Darin Thomas Cox
Virginia Gayle Davis
Duane Allen Decapite
Glenn Dale Detweiler
Hadjinic Devetsikiotis
Iana Joy Doherty
Janet Lee Dow

Sarah Duncan Drake
 Robert P. Durieux
 David Brian Eason
 Pamela Sue Erwin
 Jerome Eric Estoye
 Muriel I. Evans
 Joseph Thomas Gaitens
 Chandana Ganguli
 Rebecca T. Garrison
 Robert W. Gay, Jr.
 Jeffrey Alan Glasser
 Joanne E. Galsford
 Joyce Carol Greene
 John Richard Griggs
 Margaret E. Guest
 Marion Susanne Hackney
 George Eric Hague II
 Scott A. Hamilton
 Laura Kay Hardin
 Reid Vick Harris III
 David Bryan Hash
 James William Hauser
 Edward Barry Hill
 Laura Eve Hinrichs
 David James Holcombe
 Theresa Ann Hurban
 Tamara Yvette Jackson
 Joann Marie Jennings
 John Theodore Johnson
 Sandra Anne Justis
 Krista Kasdorf-Connard
 Kathryn D. Kesler
 Rebecca Diane Kesler

Bryan Dampier King
 Jill K. Krantz
 Susan Ellen Kuharcik
 Linda Louise Leaver
 Wiley Jones Loflin
 L. Dean Mason II
 Hazel B. Matthews III
 Virginia Janet McDonald
 Lynn Marie McGoogan
 John Gerhard Michael
 William E. Milholen II
 Kimberly Ann Monroe
 Joseph Norman Morris
 Mark Allen Morris
 Gary Christopher Moyer
 Nancy Neff
 Sue Ellen Nokes
 Anthony Jackson Norris
 Clint Townsen Nygaard
 Dale A. O'Neal
 Anthony Willard Payne
 Brian Keith Pearce
 Jeannie Marie Pegg
 Dana Michelle Reeves
 Kimberly Beth Respess-Sadler
 Brian James Riley
 Bedie Marie Roberts
 Steven John Russ
 Liane Elizabeth Salmon
 Manojit Sarkar
 Susan Barnett Sawyer
 Talya Rachel Selbst
 Darren Arthur Shakib

Geoffrey Neil Sifrin
 Ann Marie Simmons
 Joseph Conrad Sloop
 Crystal Renee Smith
 Steven Wayne Smith
 Candace Ruth Somers
 Crystal Lynn Spivey
 Jerry Ronald Sprague
 Thomasina Stikeleather
 Jane Elizabeth Stover
 David Olive Strickland
 Jo Murphree Szontagh
 Sairaju Tallavarjula
 Arles Allen Taylor
 Mark Thomas Taylor
 Patricia Gause Terrien
 Cheryl H. Theriault
 Warren Andrew Thomas
 Lori Renee Toth
 Kim Elizabeth Tripp
 Maureen O. Vandermaas
 Catherine J. Voorhees
 Dewey Craig Waddell
 Stephen Elliott Wald
 Merry Carol Ward
 Gail H. Webster
 Rose Casanave White
 Christina Marie Whitley
 Charlotte M. Wilkinson
 Wanda C. Williams
 Amy Louise Wood
 Stephen Ray Workman
 Sui Oi Yee

ARMY ROTC AWARDS

MS Class 4

Superior Cadet: Ivan D. Evans

Society of American Military Engineers: James Wescott

American Defense Preparedness Association: Stephen J. Roach

AFCEA Honor Certificate: Christopher L. Thompson

Reserve Officers Association: Anthony R. Hale

American Legion-General Military Excellence/Ranger Challenge Cert.: Kevin L.

Simmons

American Legion-Scholastic Excellence: Jeffery Lackey

AUSA History Award: David M. Carpenter

George C. Marshall/Ranger Challenge Certificate: John W. Brennan, Jr.

Daughters of the American Revolution Award: Colleen S. McCloskey

General Dynamics Award: Robert Yauger

Ranger Challenge Certificate: Earl N. Frizzell, Jr.

NCSU Certificate of Appreciation: Norman P. Walls

NCSU Certificate of Appreciation: David Jones

NCSU Certificate of Appreciation: Jill M. Kitzinger

NCSU Certificate of Appreciation: Synthia H. Sweere

NAVY ROTC AWARDS

The SECNAV Distinguished Midshipman Graduate: Kristin E. Keidel

The Marine Corps Association Award: Michael S. Sailer

The VFW Achievement Award: Michael S. Sailer

The Sons of the American Revolution Medal: Scott W. Syme

The Fleet Reserve Association Award: Scott M. Parrish

The General Dynamics Award: Kristin E. Keidel

The American Defense Preparedness Association Award: Kristin E. Keidel

DEPARTMENT OF AEROSPACE STUDIES (AFROTC) AWARDS

Society of the War of 1812 Award: Torrey D. Woodhouse

American Legion Scholarship Award: Todd N. James, Jonathon R. Gillis

American Legion General Military Excellence Award: Daniel G. Talbot, Lida M. Pilotta, Benjamin R. Carlson, Gregory M. Lafferty

Daughters of the American Revolution Award: Lance Avery

Daughters of Founders and Patriots Award: Charles J. Law

American Veterans Award: Dorinda L. Humphries

Reserve Officers Association Award: Andre Bigford, Kevin S. Slaughter, Roger G. Gonzalez

American Defense Preparedness Association Award: Ashley D. Salter

Military Order of World Wars Award: Stanley P. Rosen, Jeremy A. Patton, Aaron

J. Aubrecht

Veterans of Foreign Wars Award: Charles E. Perusse

National Sojourners Award: Jason L. Roberts

The Retired Officers Association Award: Mark W. Johnson

Sons of Confederate Veterans Award: Robert T. Riedell

Sons of the American Revolution Award: Wesley B. Davis

General Dynamics Award: Todd B. Sanders

Army ROTC Commissionees

MAY 1990

John W. Brennan, Jr.	Springfield, VA
Wesley S. Buchanan	Galax, VA
Michael F. Burns, III	Fayetteville
David M. Carpenter	Raleigh
Leon C. Cooper	Fayetteville
Jeffrey J. Durr	Rockville, MD
Ivan D. Evans	Calgary, Alberta, Canada
Georges L. Fattal	Gaithersburg, MD
Earl N. Frizzell, Jr.	Cullowhee
Darryl Godwin	Wade
Anthony R. Hale	Aulander
Joel C. Horton	Springfield, VA
David Jones	Rockingham
Jeffrey N. Killian	Hickory
Kevin M. Klimeczyk	Olean, NY
Jeffery Lackey	Statesville
Tracey M. Lawrence	Pope Air Force Base
Jill M. Litzinger	Reno, Nevada
Colleen S. McCloskey	State College, PA
Jeffrey S. Nelson	Fayetteville
Darrell W. Parnell	Abbeville, SC
Stephen J. Roach	Hayesville
Pamela E. Rogers	Matthews
Karen E. Schroeder	Fort Leonard Wood, MO
Wayne E. Schronce	Belmont
Kevin L. Simmons	Mt. Airy
Synthia H. Sweere	Atlanta, GA
Christopher L. Thompson	Wilson
Norman P. Walls	Elkin
Michael W. Welch	Ft. Lauderdale, FL
Robert Yauger	Cameron
James Wescott	High Point

Navy ROTC Commissionees

MAY 1990

Jeffrey Richard Alexander	Pittsford, NY
Christopher Allen Chrislip	Newton
William Allen Curlee	Martinsville, VA
William Hirschmann Haiges	Lancaster, PA
Kristin Elizabeth Keidel	Muskegon, MI
Scott Morgan Parrish	Hickory
James Bruce Runyon	Hopkinsville, KY
Michael Scott Sailer	Danville, VA
Scott Webster Syme	Shelby
Stanley Jefferson Wall	Fuquay-Varina

Air Force ROTC Commissionees

MAY 1990

Andre Bigford	Fayetteville
Steven M. Blair	Lenoir
Jonathan B. Blake	Sanford
Steven E. Lisowe	Raleigh
John J. Lomick, Jr.	Bressemer
Richard E. Hallbeck	Candler
William K. Rogers	Pisgah Forest
Ashley D. Salter	Jacksonville
Dustin P. Smith	Vass
Wade A. Stone	Baker, OR
Daniel G. Talbot	Islip, NY
Donald H. Whitley	Dudley

1990 COMMENCEMENT

ACKNOWLEDGEMENTS

The following non-University organizations have contributed significantly to the success of our commencement.

Mr. Frank Greathouse, Owner
Realizations, Inc., Raleigh, N.C.

Design and Implementation
of Stage Backdrop

Mr. Wade C. Miller, Jr., Owner
Sound Engineering, Asheboro, N.C.

Sound Systems

