

*Karen*

# 1991 Fall Graduation Exercises

North Carolina State University



Wednesday, December 18  
Nineteen Hundred and Ninety-One

# DEGREES TO BE CONFERRED

Wednesday, December 18  
Nineteen Hundred and Ninety-One

The Graduation Program is printed prior to administering final examinations. Therefore, the inclusion of names of degree candidates in this program is not certification that degree requirements have been satisfactorily completed.

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# Musical Program

## EXERCISES OF GRADUATION

December 18, 1991

British Brass Band Concert: 8:30 a.m.

First Suite in Eb ..... Gustav Holst  
Chaconne  
Intermezzo  
March

Gymnopodie No. 1 ..... Erik Satie

America The Beautiful ..... Ward/Trevarthan

PROCESSIONAL: 9:00 A.M.

Grande March ..... Clare Grundman

PROCESSIONAL: (Platform Party Only)

Marche for Brass ..... Francois Couperin

RECESSIONAL: (Platform Party Only)

Fanfare ..... Francois Couperin

NORTH CAROLINA STATE UNIVERSITY  
BRITISH BRASS BAND  
Dr. Frank M. Hammond, Conductor



## MAXWELL R. THURMAN



Retired Army Gen. Maxwell Reid Thurman is a High Point native who earned a bachelor's degree in chemical engineering from North Carolina State University in 1953.

After a distinguished military career that spanned 38 years, Thurman retired from the Army last February. One of the few non-West Point graduates to reach the four-star rank, Thurman was a principal architect of the all-volunteer Army, and played the major role in reshaping the Army's image and recruitment success with the advertising campaign, "Be All That You Can Be — In the Army."

He will probably be best remembered, however, as commander of "Operation Just Cause," the invasion of Panama in 1989. As commander-in-chief of the U.S. Southern Command, Thurman orchestrated what was at the time the largest U.S. military maneuver since the Vietnam War. It culminated in the surrender of Panamanian dictator Gen. Manuel Noriega.

During his career, Thurman held a variety of command and staff positions both overseas and in the United States. He commanded light artillery and rocket units and served as an intelligence officer in Europe, served in the Middle East during the 1958 Lebanon crisis, and twice served in Vietnam.

Thurman commanded the 82nd Airborne Division Artillery and from 1979 to 1981 was commander of the Army Recruiting Command. He was appointed vice chief of staff in 1983 and served on the Joint Chiefs of Staff in the absence of the chief of staff. In 1987 he assumed command of the Army Training and Doctrine Command at Fort Monroe, VA.

Earlier this year Thurman was named executive-in-residence in NCSU's Division of Economics and Business. In that position he will help design and participate in the division's outreach programs for the local business community including continuing education.

# 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

Reynolds Coliseum

Chancellor Larry K. Monteith  
Presiding

December 18, 1991

PROCESSIONAL, 9:00 a.m. .... Dr. Frank M. Hammond  
*Conductor, North Carolina State University British Brass Band*

The audience is requested to remain seated during  
the Processional.

WELCOME ..... Chancellor Larry K. Monteith

INVOCATION ..... Reverend Suzanna Ross Helms  
Pastor, Jenkins Memorial Methodist Church  
Raleigh, NC

NATIONAL ANTHEM ..... Dr. Alfred E. Sturgis, Jr.  
Assistant Director of Music

INTRODUCTIONS ..... Chancellor Monteith

ADDRESS ..... General Maxwell R. Thurman  
U.S. Army, Retired

CONFERRING OF DEGREES ..... Chancellor Monteith  
Candidates for advanced degrees presented by  
Dean of Graduate School. Candidates for baccalau-  
reate degrees presented by Deans of Colleges/  
Schools.

ADDRESS TO FELLOW GRADUATES ..... Mr. David A. Carlone  
Class of 1991

RECOGNITIONS ..... Chancellor Monteith

TURNING OF THE TASSEL ..... Mr. David A. Carlone

ALMA MATER ..... Mr. John M. Lewis  
Class of 1991

RECESSIONAL (Platform Party only)

# Graduation Ushers

## Army ROTC Ushers

George M. Blair  
Joel L. Bryant  
Sterling S. Carpenter  
Christopher L. Cline  
James M. Hardaway  
Keith Johnson  
Michael J. Lanham  
Michael T. Parrish  
Jeffery M. Shelton  
Richard S. Walton

## Navy ROTC Ushers

Jonathan Butzke  
Chris Conner  
Jeremy Everhart  
John Harman  
David Hudspeth  
Steve Maygar  
Matthew Memmlaar  
Jeff Pierce  
Michele Smith  
Thomas Zdunczyk

## Air Force ROTC Ushers

Ken Brendell  
John T. Burleson  
Leland A. Davis  
Bobbi J. Julian  
Glenda J. Lindsey  
Kristall McMaster  
Lankford Oxdendine  
Jay H. Stepp  
Robert T. White  
Helen H. Yu

# Graduation Marshals

## Hasoni Andrews

Julie S. Brown  
Michael Buck  
Philip Chulkyun Choung  
Sarita Chung  
Celeste Cooke

## Roger Davis

Charles Hammond Jr.  
Kristin Hampton  
Jill Herring  
Laura James  
Amelia Lee

## Lauri Lyerly

Donna Lindeman  
Rick Myers  
Teresa Reid  
Becky Reising  
Jennifer Sames  
Toni Williams

# Time and Location of College and Departmental Ceremonies

**College of Agriculture and Life Sciences**—11:15 a.m. except for those marked with an asterisk

Adult and Community College Education ..... McKimmon Center,  
Western Boulevard

\*Agricultural Business Management and Agricultural

Economics - 11:30 a.m. .... 216 Poe Hall

Agromony, Crop Science, Soil Science

and Conservation ..... 2215 Williams Hall

Animal Science ..... 5A Polk Hall

Biochemistry ..... 128A Polk Hall

Biological and Agricultural Engineering ..... 158 D. S. Weaver Lab.

Biological Sciences ..... 2722 Bostian Hall

Biological Sciences Major

Microbiology

Botany

Nutrition

Ecology

Pest Management

Entomology

Plant Pathology

Genetics

Toxicology

Food Science ..... 105 Schaub Hall

Horticultural Science ..... 159 Kilgore Hall

Individualized Study Program ..... Location of Major Faculty Advisor

Physiology Program ..... Location of Major Faculty Advisor

Poultry Science ..... 216 Scott Hall

Applied Sociology ..... 124 Dabney Hall

Zoology ..... 3712 Bostian Hall

Fisheries and Wildlife Sciences

Medical Technology

Zoology Majors

**School of Design**—11:30 a.m. .... Auditorium, Kamphoefner Hall

Reception—12:15 p.m. .... Brooks Hall

**College of Education and Psychology** - 11:15 a.m. .... McKimmon Center,  
Western Boulevard

**College of Engineering** - 11:15 a.m. except for those marked with an asterisk

Biological and Agricultural Engineering ..... 158 D. S. Weaver Labs.

\*Chemical Engineering - 11:30 a.m. .... Location to be announced

Civil Engineering ..... 216 Mann Hall

Computer Science ..... 218 Withers Hall

Electrical and Computer Engineering ..... Stewart Theater,

University Student Center

Furniture Manufacturing and Management ..... 242 Riddick Hall

Industrial Engineering ..... 242 Riddick Hall

\*Integrated Manufacturing Systems - 11:30 a.m. .... 109 Page Hall

\*Master of Engineering - 11:30 a.m. .... 109 Page Hall

\*Mechanical and Aerospace Engineering - 11:30 a.m. .... 240 Nelson Hall

\*Materials Science & Engineering - 11:30 a.m. .... 234 Riddick Hall

Nuclear Engineering - 11:30 a.m. .... 1202 Burlington Labs

**College of Forest Resources**—11:30 a.m. .... McKimmon Center  
Western Boulevard

<b>College of Humanities and Social Sciences—11:15 a.m. except for those marked with an asterisk</b>	
*Accounting - 11:30 a.m. ....	429 Daniels Hall
*Business Management - 11:30 a.m. ....	Reynolds Coliseum
*Economics - 11:30 a.m. ....	216 Poe Hall
History .....	100 Harrelson Hall
English .....	Erdahl-Cloyd Theatre, D. H. Hill Library
Foreign Languages and Literatures .....	Erdahl-Cloyd Theatre, D. H. Hill Library
Multi-Disciplinary Studies .....	Erdahl-Cloyd Theatre, D. H. Hill Library
Philosophy and Religion .....	Erdahl-Cloyd Theatre, D. H. Hill Library
Political Science .....	G107 Caldwell Hall
Sociology .....	124 Dabney Hall
Communication .....	Carmichael Gym (new wing)
<b>College of Physical and Mathematical Sciences - 11:15 a.m. ....</b>	
	222 Dabney Hall
<b>College of Textiles—11:30 a.m. ....</b>	
	2309 Centennial Textiles Complex

# ROTC COMMISSIONING CEREMONY

COMMANDER GUY L. CONNELL  
Presiding

Ballroom, University Student Center  
December 18, 1991

PROCESSIONAL MARCH, 4:00 p.m. .... Dr. Frank M. Hammond  
*Conductor, North Carolina State University British Brass Band*

NATIONAL ANTHEM

WELCOME/INTRODUCTIONS ..... Commander Guy L. Connell

ADDRESS ..... Captain Philip J. Sullivan, USNR (Ret.)

ADMINISTRATION OF THE OATH

OF OFFICE ..... Lieutenant Colonel William T. Sabata  
*Professor of Military Science*  
Commander Guy L. Connell  
*Associate Professor of Naval Science*  
Colonel James T. Ferrell  
*Professor of Aerospace Studies*

PRESENTATION OF CERTIFICATES ..... Captain Phillip J. Sullivan

BENEDICTION ..... Colonel Aubrey McLellan

RECESSIONAL ..... Dr. Frank M. Hammond  
*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 (white sash)
- Magna Cum Laude—for GPA 3.500 through 3.749 (red sash)
- Summa Cum Laude—for GPA 3.750 and above (gold sash)



# 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. See page \_\_\_\_ under the College of Engineering for a listing of the graduate seniors in jointly administered program.

#### *Degree Conferred August 6, 1991*

William Berry Hobbs ..... Hobbsville

#### *Degrees To Be Conferred December 18, 1991*

Jeffrey Scott Anderson ..... Mars Hill

William Carlyle Dunn ..... Winterville

David Alan Verchick ..... Raleigh

### BACHELOR OF SCIENCE IN CONSERVATION

Jointly administered by the College of Agriculture and Life Sciences and the Life Sciences and the College of Forest Resources.

#### *Degrees To Be Conferred December 18, 1991*

Dale Renee Threatt-Taylor ..... Marshville

### BACHELOR OF SCIENCE IN AGRICULTURAL BUSINESS MANAGEMENT

#### *Degrees To Be Conferred December 18, 1991*

Annette Rae Beavers ..... Mt. Olive

Donna Lynn Eskridge ..... Winston-Salem

Cindy Robinson Haynes ..... Raleigh

Kimberly Elaine Ingold ..... Norwood

George Parker Kittrell III ..... Corapeake

Peter Douglas Krings ..... Fayetteville

Douglas Warren Robertson ..... Old Fort

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

## BACHELOR OF SCIENCE IN AGRICULTURAL ECONOMICS

### *Degree Conferred June 25, 1991*

Philip Curtis Shivar ..... Dudley

### *Degree To Be Conferred December 18, 1991*

Carlton Wayne Mosley ..... Cary  
Bart Onyewuchibeya Njoku-Obi ..... Durham

## BACHELOR OF SCIENCE IN AGRONOMY

### *Degree Conferred June 25, 1991*

Albert Jerome Outlaw, Jr. .... Kinston

### *Degrees To Be Conferred December 18, 1991*

Arthur Lawrence Bradley, Jr. .... Tarboro  
\*\*Richard Jeffery Seymour ..... Elizabeth City  
Pauline Myra Tisdale ..... North Wilkesboro  
Russell Whalen Vollmer ..... Apex

## BACHELOR OF SCIENCE IN ANIMAL SCIENCE

### *Degrees Conferred June 25, 1991*

Kendall Lee Canipe ..... Shelby  
\*Howard Karl Chappell ..... Carson, VA  
Philip Cornelius Fishel III ..... Winston-Salem  
\*\*Kimberly Sue Myers ..... Woodleaf

### *Degree Conferred August 6, 1991*

H\*\*\*Meredith Mahon ..... Fuquay-Varina

### *Degrees To Be Conferred December 18, 1991*

Robert Yates Allen ..... Fayetteville  
Mereth Kristin Beal ..... Charlotte  
Laura Sutton Biggers ..... Cary  
\*\*\*Patricia Ann Evans ..... Manchester, NH  
Deborah Leanne Flake ..... Winston-Salem  
Jennifer Eastlyn Flowers ..... Concord  
Lori Ann Gregg ..... Thomasville  
†Julianne Keck ..... Goldsboro  
Kevin Clay Keen ..... Wilmington  
Bundy Howell Lane ..... Gates  
Linda Ann Lovill ..... White Plains  
Betsy Lynn Lutterloh ..... Pittsboro  
Angela Leigh Peterson ..... Goldsboro  
Lee John Updike ..... Newsoms, VA  
\*Eric Wayne West ..... Jackson  
Susan Ann Yearling ..... Chapel Hill

## BACHELOR OF SCIENCE IN APPLIED SOCIOLOGY

### *Degree Conferred August 6, 1991*

George Edward Emch III ..... Charlotte

### *Degree To Be Conferred December 18, 1991*

Kevin Dennis Gesse ..... Greensboro

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

## BACHELOR OF SCIENCE IN BIOCHEMISTRY

### *Degree Conferred June 25, 1991*

†\*\*\*Christopher Robert Kroll .....Charlotte

### *Degrees Conferred August 6, 1991*

Kimberly Boulom ..... Raleigh  
\*\*\*Rebecca Ann Gorton ..... Sanford  
†Courtney Susanne Hanks ..... Franklin, VA  
Laura Lea Niemer ..... Charlotte  
Valerie Denise Spicer ..... Wilmington

### *Degrees To Be Conferred December 18, 1991*

Jacquelyn Michele Alton ..... New Bern  
†Sheila Elaine Britt ..... Biscoe  
Tiffany Ann Buck ..... Greenville  
Sonya Caprice Causey ..... Asheboro  
Carl Cecil Churchill III ..... Raleigh  
†Robert Todd Crook ..... Kernersville  
Brent Thomas Eischen ..... Sanford  
\*†Gary Tomas Kay ..... Charlotte  
Todd Cameron Franklin ..... Morganton  
Elizabeth Mary Howanitz ..... Wayne, NJ  
†Donna Kay Knight ..... Raleigh  
†Sarajane Marie Lansche ..... New Bern  
\*\*\*Cherly Anne Lanzo ..... Durham  
Clayton Elwood Mathews ..... New Bern  
\*\*\*Alison Meryl Morse ..... Poughkeepsie, NY  
††Nelda Renee Pearsall ..... Garner  
†Judy Marie Richardson ..... Roanoke, VA  
†\*Jonathan Daniel Shoffner ..... Greensboro  
Earl Clifford Torrence II ..... Raleigh  
†Teresa Lynn Warlick ..... Lawndale

## BACHELOR OF SCIENCE IN BIOLOGICAL AND AGRICULTURAL ENGINEERING TECHNOLOGY

### *Degrees To Be Conferred December 18, 1991*

Edward Patrick Boyd ..... Pantego  
Paige Anthony Lewis ..... Reidsville  
Darrell Thomas Westmoreland ..... Winston-Salem  
Jimmie Louis Williams, Jr. .... Deep Run

## BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

### *Degrees Conferred June 25, 1991*

Ivan Elviro Casas-Reategui ..... Raleigh  
†\*\*\*Christopher Robert Kroll ..... Charlotte  
Zoe Kendal Mullin ..... Raleigh

### *Degrees Conferred August 6, 1991*

Denise McKee Amick ..... Raleigh  
Michael Ray Branum ..... Mt. Holly  
Julie Rebecca Brown ..... Robbins  
Moranda Cheryell Robina Edwards ..... Chapel Hill  
Lorie Delane Ellis ..... Saratoga  
\*\*\*Rahiff Fitzgerald Ingle ..... Raleigh

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

Stephanie Leanne Stephens ..... Crystal Lake, IL  
 Kris Ann Walters ..... Raleigh

***Degrees To Be Conferred December 18, 1991***

†Beverly Annette Brigman ..... New Hill  
 †Shannon Varia Crainshaw ..... Leland  
 Christie Caroline Crotts ..... Kernersville  
 Scott Paul Depee ..... Cary  
 Cherly Joy Durkee ..... Salisbury  
 \*Ivan DeVernet Evans ..... Calgary, CANADA  
 †Gary Tomas Fay ..... Charlotte  
 David Hamilton Freeman ..... Fayetteville  
 Yaw Joseph Frimpong ..... Raleigh  
 Hillary Ann Hylton ..... Eden  
 Monica Turner Kiker ..... Stanfield  
 \*Teresa Kay Neal ..... Kernersville  
 \*\*Paula Marie Olhoft ..... Raleigh

**BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES (Microbiology)**

***Degree Conferred June 25, 1991***

Mary Karen Olsen ..... Chapel Hill

***Degrees To Be Conferred December 18, 1991***

Bryan Delane Butt ..... Kernersville  
 Cheryl Annette Harrington ..... Angier  
 Mark Richard Heath ..... Raleigh  
 Matthew Richardson McIver ..... Fuquay-Varina  
 Jayeshkumar Vallabhbhai Patel ..... Greensboro  
 Lori Ann Phillips ..... Allentown, PA

**BACHELOR OF SCIENCE IN BOTANY**

***Degree To Be Conferred December 18, 1991***

John Ernest Riley ..... Wilson

**BACHELOR OF SCIENCE IN FISHERIES AND WILDLIFE SCIENCES**

***Degrees Conferred June 25, 1991***

Susan Cole Davis ..... Greensboro  
 Michael David Weinstein ..... Great Falls, VA

***Degree Conferred August 6, 1991***

\*Chad David Thomas ..... Tampa, FL

***Degrees To Be Conferred December 18, 1991***

James David Dick ..... Ronceverte, WV  
 Christopher Wayne Jordan ..... Bear Creek  
 Kyle Monroe Pippingier ..... Asheville  
 Lincoln Cowan Churchill Sadler ..... Whispering Pines  
 James Michael Sanderson ..... Cary  
 Darron Rogie Smith ..... Nashville  
 Stephen Daniel Smith ..... Raleigh

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

## BACHELOR OF SCIENCE IN FOOD SCIENCE

### *Degree Conferred August 6, 1991*

Linda Jean Heuberger ..... Suffolk, VA

### *Degrees To Be Conferred December 18, 1991*

Eric Lee Brown ..... Wilmington  
Shelly Renee Fancher ..... Raleigh  
Bruce William Hein ..... Winston-Salem

## BACHELOR OF SCIENCE IN HORTICULTURAL SCIENCE

### *Degrees Conferred June 25, 1991*

Anita Claire Greenhill ..... Durham  
\*Christopher Edward Spivey ..... Liberty

### *Degree Conferred August 6, 1991*

Paul Masters Lockhart ..... Morehead City

### *Degrees To Be Conferred December 18, 1991*

Gary Lee Barkhau ..... Raleigh  
Troy Bradsher Clayton ..... Hurdle Mills  
Ted Jones Hawkins ..... Ellenboro  
William Robert Lang ..... Washington  
Cynthia Ann Lathrop ..... Parkersburg, WV  
Michael David Mazanek ..... Shokan, NY  
Mary Ann Pigford ..... Willard  
Laura Beth Ponder ..... Charlotte  
Susan Kay Price ..... Denver, CO  
Jennifer Kaye Rogister ..... Tarboro  
\*\*Amy Lynn Sowell ..... Raleigh

## BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

### *Degree Conferred June 25, 1991*

Heather Ann Clark ..... Indiana, PA

### *Degree Conferred August 6, 1991*

Karen Worley Gunter ..... Lynchburg, VA

## BACHELOR OF SCIENCE IN POULTRY SCIENCE

### *Degrees Conferred June 25, 1991*

Jeffrey Kent Vanenburg ..... Batesville, AR

### *Degrees To Be Conferred December 18, 1991*

Eddie DeWayne Gore ..... Sneads Ferry  
\*\*\*Charles Everett Solomon ..... Wilkesboro

## BACHELOR OF SCIENCE IN ZOOLOGY

### *Degrees Conferred June 25, 1991*

Michelle Elisa Parlier ..... Wilkesboro  
Stephen Kent Perry ..... Raleigh  
Michael Dean Tynnismaa ..... Jacksonville

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

*Degrees Conferred August 6, 1991*

Christopher John Bergner .....	Hillsborough
David Mark Berkowitz .....	Raleigh
H Sherry Lee Gilbert .....	Four Oaks
Charles Franklin Ingram .....	Mt. Gilead
Sharon Ann King .....	Raleigh
Betsy Riley Thompson .....	Lexington
H Ruth Anne Workman .....	Cary

*Degrees To Be Conferred December 18, 1991*

H* Coleman Eric Altman .....	Amirillo, TX
Debra McPhail Bennett .....	Fayetteville
* Richard Lee Biggs .....	Asheville
† Beverly Annette Brigman .....	New Hill
Christopher Ray Coble .....	Greenville
Jacqueline Denise Darden .....	Snow Hill
Jodi Elizabeth Duke .....	Wilmington
Tina Johna Fields .....	Henderson
Jonathan Howard Friend .....	Raleigh
Kelly Reid Hailey .....	Martinsville, VA
H* Timothy Hillery Hartzog .....	Pinnacle
†* Julianne Keck .....	Goldsboro
Karen Anne Kelley .....	Raleigh
** Mary Ellen Kelly .....	Charlotte
William Henry Lagarde .....	New London
† Sarajane Marie Lansche .....	New Bern
*** Jill Marie Litzinger .....	Reno, NV
Talmadge Glenn Massengill, Jr. ....	Princeton
* Michelle Gwen Moyer .....	Greenville
Deborah Lynn Overton .....	Raleigh
Patrick Lee Parks .....	Lexington
Kim Elizabeth Repsher .....	Western Springs, IL
Daniel Joseph Sahaida .....	Raleigh
* John Lawrence Scheitler .....	Chapel Hill
Amy Jeanne Sedwick .....	Raleigh
H† Jonathan Daniel Shoffner .....	Greensboro
* Paul Richard Smith .....	Doycestown, OH
†*** Elizabeth Avery Stephens .....	Lumberton
H* Sandra Jo Strong .....	Raleigh
Amanda Hinton Stuber .....	Southern Pines
Lee Ann van Leer .....	Trumansburg, NY
Chantal Antwynette Wall .....	Southport
Christopher William Wasulko .....	Princeton, NJ
* Sue Ellen Willig .....	Saugerties, NY
** Sherri Juane Young .....	Raleigh

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

# School of Design



## BACHELOR OF ENVIRONMENTAL DESIGN

### *Degrees Conferred June 25, 1991*

Patricia Parks Coyle .....	Gastonia
*Stephen Edward Wagner .....	Winston-Salem

### *Degrees To Be Conferred December 18, 1991*

Melissa Ann Deal .....	Alexandria, VA
Kelly Elizabeth Garrett .....	Gastonia
Virginia Lynne Moore .....	Kannapolis
Sara Annette Robertson .....	Raleigh
Tracy Lynn Von Harten .....	Beaufort, SC

## BACHELOR OF ENVIRONMENTAL DESIGN IN ARCHITECTURE

### *Degrees Conferred June 25, 1991*

**Christopher Harper Garris .....	Wilson
**William Lee Prestwood .....	Enfield

### *Degrees Conferred August 6, 1991*

Patrick John Breslin .....	Media, PA
Kevin Lee Dagenhart .....	Statesville
Stephen Catlette Edwards .....	Louisburg
*Mark Allan Fulks .....	Mercer, PA
Scott David Jardine .....	Charlotte
**Eric Wayne Morrison .....	East Bend
Kristien Louise Nist .....	Latrobe, PA
*Elizabeth Lee Whittaker .....	Charlotte

### *Degrees To Be Conferred December 18, 1991*

Michael Mark Bianco .....	Greensboro
Michael Shawn Booth .....	Raleigh
*Joseph Arnold Carswell .....	Winston-Salem
Charles Anthony Conner .....	Ebony, Va.
George Lee Duncan .....	Fayetteville
**Laurel Susan Falls .....	Charlotte
*Catherine Elaine Hayes .....	Henderson
Mark Vincent Hutto .....	Elizabeth City
Tronya Michelle Jones .....	Rural Hall
Traci Marlene Little .....	Hampstead
Richard Christopher Osborn .....	Raleigh
Nicholas Peter Parrous .....	Fayetteville
Kent Albert Rayfield .....	Bessemer City
**Mark Stephen Reyer .....	Pompton Plains, NJ
Marcus Christopher Sheward .....	Philadelphia, PA

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

**BACHELOR OF ENVIRONMENTAL DESIGN IN LANDSCAPE ARCHITECTURE**

*Degree Conferred June 25, 1991*

Erik Richard Horner ..... Lakewood, OH

*Degree Conferred August 6, 1991*

Chris Fredrick Brewer ..... Alexandria, VA

*Degree To Be Conferred December 18, 1991*

\*Patrick Ann Broderick ..... Owego, NY

**BACHELOR OF ENVIRONMENTAL DESIGN IN PRODUCT DESIGN**

*Degrees To Be Conferred December 18, 1991*

†Kevin James Krewson ..... Jamestown  
 \*\*\*Heather Kay McLean ..... Oxford, OH  
 John Paul Ritter ..... Denver  
 \*\*Wayne Timothy Woolsey ..... Durham

**BACHELOR OF ENVIRONMENTAL DESIGN IN VISUAL DESIGN**

*Degrees To Be Conferred December 18, 1991*

\*Meredith Leigh Baker ..... Charlotte  
 \*Mary Ellen Barnett ..... Charlotte  
 Lynne Marie Chesnek ..... Charlotte  
 Gary Adam Kula ..... Raleigh  
 \*Leslie Walker Noell ..... Winston-Salem  
 Daryl Trenton Pittman ..... Greer, SC  
 Kimberly Ansley Rowland ..... Chagrin Falls, OH  
 \*\*Kristia Ruth Rusher ..... Salisbury  
 \*James Alexander Selman III ..... West Newbury, MA  
 \*\*Courtney Lynn Smith ..... Sanford

# College of Education and Psychology



**BACHELOR OF ARTS IN PSYCHOLOGY**

*Degrees Conferred June 25, 1991*

H\*\*\*Lauren Ashley Ford ..... Raleigh  
 Jennieffer Lake Jenson ..... Rockville, MD  
 JoAnn Loutzenhiser Parrish ..... Wake Forest  
 Stacey Renee Tayloe ..... Ahoskie  
 Laura Sehrum Taylor ..... Lenoir  
 April Alysan Williams ..... Raleigh

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



*Degrees Conferred August 6, 1991*

Rodney Eugene Allred .....	Apex
Aimee Elizabeth Occhetti .....	Raleigh
*Kevin Laverne Schultz .....	Hayfield, MN
Senah McCarty Seagle .....	Gainesville, FL
*Stephanie Martin Swisher .....	Newberry, SC
†Ruth Anne Workman .....	Cary

*Degrees To Be Conferred December 18, 1991*

Kimberly Ann Allen .....	Durham
Stephanie kay Barale .....	Pittsburgh, PA
Audra Penland Brown .....	Elizabeth City
Emily Lynn Cozort .....	Morganton
Francine Lynette Dumas .....	Arden
*Michael Todd Garrett .....	Garner
†Juliet Alicia Jarvis .....	Norman, OK
**Andrew Stephen Koch .....	Palmyra, PA
Laura Marie Lawler .....	Charlotte
Amy Sue Lilly .....	Mooresville
Monika Britt Maitre .....	Charlotte
†Kellee Debra McClamrock .....	Raleigh
***Mary Elizabeth McLaughlin .....	Whiteville
Kimberly Anne Menhinick .....	Charlotte
Kimberley Elizabeth Noggle .....	Charlotte
Kevin Michael Pajak .....	Lapear, MI
Emily Laura Pitt .....	Potomac, MD
†*Jennifer Lee Smith .....	Greensboro
Kathleen Ann Standen .....	Raleigh
***Malinda Leigh Teeters .....	Lenoir
Linda Beth Trow .....	Fairport, NY
*Tracey Melinda White .....	Raleigh
*Melanie Carol Willis .....	Jacksonville
Claudine Janet Wurst .....	Cary

**BACHELOR OF SCIENCE IN EDUCATION**

**Agricultural Education**

*Degrees To Be Conferred December 18, 1991*

Patricia Marie Reilly .....	Mocksville
Brian Bruce Briggs .....	Waynesville
Hugh Solomon, Jr. ....	Williamston

**GENERAL STUDIES**

*Degree Conferred June 25, 1991*

***Heloise Rembert Jones .....	Durham
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*Degree Conferred August 6, 1991*

Pamela Laverne Futrell .....	Edenton
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*Degrees To Be Conferred December 18, 1991*

Christopher Joseph D'Arco .....	Farmindale, NY
Tonia Felita Harris .....	Spring Hope
Tessa Aliss Lorch .....	Oakboro
Karen Margaret Miller .....	Shallotte

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

## Health Occupation Teacher Education

### Degrees To Be Conferred December 18, 1991

***Jeanine Buttram Denning	Raleigh
***Anna Edwards Edmundson	Pikeville
***Judy Greene Freeman	Raleigh
**Carolyn Gore Hankins	Southport
***Anne Buchanan Hockett	Randleman
Dorothy Caddell Kicklighter	West End
**Sara Cydne Wallace	Smithfield
***Frances Marie Wingardner	Cary

## Industrial Arts Education

### Degrees To Be Conferred December 18, 1991

*Jami Bishop Moore	Tar Heel
Lucien Sanders Wilkins, Jr.	Wilmington

## Marketing Education for Teachers

### Degree Conferred August 6, 1991

James Wesley Knight	Rock Hill, SC
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### Degree To Be Conferred December 18, 1991

Teressa Elaine Little	Statesville
-----------------------	-------------

## Mathematics Education

### Degrees Conferred June 25, 1991

Scott Colin McInnes	Raleigh
Michael Thomas Morris	Mebane
Brian Stacy Roach	Hayesville

### Degrees to Be Conferred December 18, 1991

Kathy Ann Barbee	Burlington
**Karen Ellen herbst	Raleigh
†Kathy Gale Kannenberg	Fayetteville
Lisa Christine Keller	Winston-Salem
*William Corey Manley	Burlington
Kimberly Leigh Page	Cary
Eric Glenn Payne	Winchese
Elizabeth Anne Pendola	Raleigh
Cynthia Ann Whitmire	Rosman
Soku Yi	Raleigh

## Mathematics Education, Middle Grades Concentration

### Degree Conferred June 25, 1991

Benny Reason	Williamston
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## Middle Grades, Language Arts and Social Studies Concentration

### Degrees To Be Conferred December 18, 1991

Patricia Jackson Arends	Raleigh
Leigh Hutchinson Bass	Wilson
Jama Lynn Berry	Timberlake

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

Deborah Richardson Drda .....	Raleigh
Barbara Moon Hudak .....	Newton
**Karen Money LaBaw .....	Wake Forest
**Gary Martin Russell .....	Louisburg
Frances Carrie Spencer .....	Winston-Salem
**Deborah Boggs Wilfong .....	New Bern

### Middle Grades, Mathematics and Science Concentration

#### *Degrees To Be Conferred December 18, 1991*

DeEtte Blanche DuBois .....	Morganton
*Elise Dawn Pullium .....	Andrews

### Science Education

#### *Degree Conferred June 25, 1991*

*Kelly Roxanne Gurganus .....	Jamesville
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#### *Degree Conferred August 6, 1991*

*Thomas Glenn Morris .....	Bunn
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#### *Degrees To Be Conferred December 18, 1991*

Lisa Marie Bedinger .....	Reston, VA
Tammy Leigh Bone .....	Nashville
Richard Lloyd Carroll .....	Roxboro
Tonya Diane Cavanaugh .....	Walkertown
Linda Deanna Coy .....	Broadway
† Shannon Varia Crainshaw .....	Leland
** Alice McCall Kraemer .....	Marion
** Debra Lynn Lucovsky .....	Cary
Christian Scott Mathis .....	Raleigh
Lesley Dee Morris .....	Roxboro
Zoe Kendal Mullin .....	Raleigh
* Brian Glenn Owens .....	Anderson, SC
* Jocelyn Marissa Tejano .....	Kinston
Kristen Leigh Thomasson .....	Raleigh
† Samuel Ramon Wheeler .....	Canton

### Vocational Education

#### *Degrees To Be Conferred December 18, 1991*

* James Wadsworth Endress, Jr. ....	Raleigh
Ralph Lyndon Wall .....	Kernersville

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

# 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. See page \_\_\_\_ under the College of Agriculture and Life Sciences for a listing of the graduate seniors in the jointly administered program.

### *Degree Conferred August 6, 1991*

William Berry Hobbs ..... Hobbsville

### *Degrees To Be Conferred December 18, 1991*

Jeffrey Scott Anderson ..... Mars Hill  
 William Carlyle Dunn ..... Winterville  
 David Alan Verchick ..... Raleigh

## BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

### *Degree Conferred August 6, 1991*

Winthrop Parham Smith ..... Kingport, TN

### *Degree To Be Conferred December 18, 1991*

Sean Michael Ahr ..... Vero Beach, FL

## BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

### *Degrees Conferred June 25, 1991*

\*\*\*Robert Asdhley Green ..... Cerro Gordo  
 Michael Jeffrey Lish ..... Worcester, MA  
 Hinesh Babu Patel ..... Greensboro  
 Karen Lynn Schmidtke ..... Fayetteville

### *Degrees To Be Conferred December 18, 1991*

\*Kathryn Lynn Bennett ..... Wilmington  
 †Mark Duane Best ..... Eden  
 Anna Caroline Cline ..... Sanford  
 Graham Cashwell Donaldson ..... Derwood, MD  
 \*George Devon Edwards ..... Spring Hope  
 Douglas Frank Falls ..... Franklin, VA  
 \*Paul Caesar Hernandez ..... Wilson  
 Regina Nichelle Jenkins ..... Wilmington  
 \*\*\*Anita Wynette Jones ..... Burlington  
 †David Stephens Klutz ..... Mebane  
 \*\*Simon Mawson ..... Gastonia  
 \*\*\*William Anthony Norris ..... Wilmington  
 Lori Lynn Pearce ..... Jackson  
 Steven Christopher Price ..... Honolulu, HI  
 †Wade Edward Rushing ..... Raleigh  
 William Scott Sahlie ..... Charlotte

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

Michael Alexander Shirley .....	Rock Hill, SC
***Edward Allen Turner, Jr. ....	Franklin, Va.
Valerie Kay Vaughn .....	Wilmington
**Gregory James Venditti .....	Sparta, NJ
**James Corey Walters .....	Charlotte
Penelope Kathlene Widen .....	Raleigh
†Troy Alphin Willis .....	Windsor, VA

## BACHELOR OF SCIENCE IN CIVIL ENGINEERING

### Degrees Conferred June 25, 1991

John Milton Davenport, Jr. ....	Winston-Salem
Elias Alexander Godoy .....	Miami, FL
Ronald Alan Hancock .....	Robbins
Paul Grason Humphrey .....	Jacksonville
John Molloy Schaefer .....	Cary
John Mark Teague .....	High Point

### Degrees Conferred August 6, 1991

Lisa McKnight Earley .....	Parkersburg, WV
Alan McLeod Maness .....	Robbins
Jack Harold Palmer, Jr. ....	Asheville

### Degrees to Be Conferred December 18, 1991

*John Clifton Adams .....	Raleigh
Theodore Bruce Adams .....	Andrews
Richard William Baker III .....	Harrellsville
Michael Ray Barnes .....	Charlotte
Mark Louis Benton .....	Wilmington
*Joseph Cavanaugh .....	Rockville, MD
Richard Marcellus Clifford, Jr. ....	Chapel Hill
Clarence Webster Coleman, Jr. ....	Freeman, VA
Ross McElwee Cowan, Jr. ....	Statesville
John Foster Cox .....	Goldsboro
*Daniel Ray Cumbo .....	Clinton
*Charles Wyatt Davis .....	Garner
Daniel Richard Donochod .....	Raleigh
Thomas Rule Edge .....	Asheville
**Gregoary Campbell Ellison .....	Raleigh
David Ezra Gurley III .....	Tarboro
Malcolm Damian Hargraves .....	Carrboro
David Brian Harrington .....	Cary
Anna Elizabeth Hayes .....	Laurinburg
Brian Joseph Hennessey .....	Charlotte
*Brittley Lass Hennings .....	East Bend
†Kevin James Krewson .....	Jamestown
Thomas Cari Kunstling .....	Kinston
Joseph Byrd Lee III .....	Burlington
***Glen Alan Malpass .....	Raleigh
Frank John Masella .....	Cliffside Park, NJ
Iris Harlaine McCombs .....	Sherrills Ford
Tricia Lynn McDonnell .....	Atco, NJ
Andrew Jason Moore .....	Yanceyville
Joseph Marshall Moore II .....	Charlotte
John Paul Mazingo .....	Charlotte
Martin Ryan Phillips .....	Mooreville
Charles Christian Reinhardt .....	Elkin
Jason Philip Riggs .....	Concord

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

Douglas Alan Rodgers .....	Raleigh
Joe Burrell Rothstein .....	Raleigh
Raymond Walter Schliep .....	Fayetteville
***Michael Blaine Shafer .....	Greenville
Alick Edward Smith .....	Clinton, NJ
Bryan Evans Smith .....	Charlotte
Michael Lynn Stewart .....	Sanford
Darin Anthony Stroter .....	Alex
Dan Monroe Townsend .....	Hickory
*John Davis Walker .....	Charlotte
Michael Ray Watson .....	Convor
Robert Farrington Wilfond, Jr. ....	
Barry Earl Woodard .....	Candler

## BACHELOR OF SCIENCE IN CIVIL ENGINEERING — CONSTRUCTION OPTION

### *Degrees Conferred June 25, 1991*

Roy Patrick Butler .....	Rocky Mount
Harvey Gene Hill, Jr. ....	Selma
Samuel Edward Keith, Jr. ....	Rolesville
George Victor Trifoli .....	Surf City

### *Degrees Conferred August 6, 1991*

Brian Joseph Gannon .....	Raleigh
Mitchell Stephen Scott .....	Wilmington

### *Degrees to Be Conferred December 18, 1991*

*William Stanley Burns .....	Wadesboro
†**John Alexander Grosko, Jr. ....	Raleigh
Don Ted Harris, Jr. ....	Jacksonville
John Anthony Kuske III .....	Wilmington
*James Richard Littleton II .....	Mount Airy
William Colon Moore .....	King
Rodrigo Valenzuela Soberano .....	Hillsborough
William Shannon Taulbee .....	Raleigh
Joseph Bret Taylor .....	Wilson
Robert Dwan Walston .....	South Mills
Michael William Welch .....	Ft. Lauderdale, FL
Elizabeth Gayle Wells .....	Wilmington

## BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

### *Degree Conferred June 25, 1991*

†***Chong Boon Kee .....	Singapore, Singapore
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### *Degrees Conferred August 6, 1991*

Esther Marie Burwell .....	Washington, DC
†Tam Xuan Cao .....	Raleigh
*Bryan Garnett Cope .....	Greensboro
Loan Thi Bich Dang .....	Greensboro
†***James Christopher Edmondson, Jr. ....	Greensboro
***Robert William Hawk .....	Charlotte
†***Danny Lee Peeler .....	Faith
Scott Robert Pursley .....	Winston-Salem
**William Curry Royal, Jr. ....	Greensboro
*Rodney Lyn Thomas .....	Greensboro

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

*Degrees To Be Conferred December 18, 1991*

Lori Lee Baker	Patterson, NJ
Joe Freeman Britt, Jr.	Lumberton
†**David Wayne Cosby	Perry, GA
**John Fred Davis	Wilkesboro
Jorge Dominguez-Sol	Madrid, Spain
William Travis Hall, Jr.	Fayetteville
Tye Linehan Jones	Durham
†***Laura Elise Krabill	Wilson
†Kirk Julius Krauss	High Point
Tri Quang Le	Cary
William Frederick Liebenow	Plymouth
***Jeffery Scott Miles	Hickory
David Mark Napier	Greenville
†Jeffrey Allen Ritchey	Wilmington
Reuben Leon Robinson	Wallace
†Mark Christopher Sawyer	Elizabeth City
**Jonathan Tobin Schaffer	Raleigh
†Kendrick Brian Spencer	Greensboro
David Aaron Winick	Asheville
Christopher John Zack	Rocky Mount

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

*Degrees Conferred June 25, 1991*

Clinton Richard Babcock	Raleigh
Gregory Allen Cash	Charlotte
Richard Wark Cohan	Charlotte
Christine Elizabeth Klug	Charlotte
John David Magnuson, Jr.	Raleigh
John Samuel Poteat	Glen Alpine
Randy Clark Slycord	Newton, IA
Kathy Germaine Williamson	Raleigh

*Degrees Conferred August 6, 1991*

Gregory Lloyd Bell	Wilson
Granville Errol Casey, Jr.	Fayetteville
Arthur Brock Dear	Raleigh
Timothy James Freeman	Raleigh
*Vickie Denise Ore	Williamston
Darrell Alan Palmer	Asheboro
*Kevin Brian Pearce	Kinston
Sean Darwin Wagle	Greensboro

*Degrees To Be Conferred December 18, 1991*

Steven Ryan Bigham	Durham
Elizabeth Birskovich	Youngstown
Rodney Allen Boles	Winston-Salem
*Kenneth Thomas Brown	Greensboro
Kurt Alan Bullard	Fayetteville
John David Carpenter, Jr.	Charlotte
Kristin Camille Cash	Winston-Salem
David Milton Clemens	Fayetteville
Susan Jane Curtis	Chapel Hill
***Michael Alan Davidson	Raleigh
Eric Kent Eckland	Chapel Hill
Kolanthia Gail Edmondson	Stantonsburg
Dennis Kevin Ellis	Raeford

†Co-major

\*Cum Laude

\*\*Magna Cum Laude

\*\*\*Summa Cum Laude

H Honors Program

Kennon Taylor Fort	Asheville
Thomas Robin Green	Tapoco
Joseph Nathan Hall	Plumtree
Jeffrey Craig Hamm	Fremont
**Charles Jason Harrell	Hertford
Kimberly Michelle Hedrick	China Grove
***David Patrick Jeans	Cary
Wendy Dawn Johnson	Wake Forest
*Kurt Jay Kikendall	Raleigh
Audrey Renae Leathers	Greenville
William Peter Maroulis	Germantown, MD
Michelle Eason Neal	Rich Square
Brent David Piatt	Kernersville
Kenneth David Roberts	Charlotte
**Stanley Paul Rosen	Raleigh
Danielle Horton Saunders	Raleigh
William Brent Settlemire	Whiteville
Michael Reid Steele	Winston-Salem
Jason Charles Stewart	Greensboro
John Anthony Stock	Hickory
Robert Julian Surratt	Raleigh
Richard William Swann	Linden
Caroline Shunyee Tsang	Greensboro
James Williams, Jr.	Queens, NY
Tracy Elizabeth Wilshire	Raleigh
Rebecca Anne Wood	Raleigh

#### BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

*Degree To Be Conferred December 18, 1991*

†**John Alexander Grosko	Raleigh
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#### BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

*Degrees Conferred June 25, 1991*

Dana Wesley Berry	Wilmington
Jeffrey Gray Brannan	Rocky Mount
Rebecca Lynn Caudle	Smithfield
**John Raymond Edwards III	Pittsboro
†***Chong Boon Kee	Singapore, SINGAPORE
Thomas Patrick McHouell	Mooresville
**Karen Elizabeth Mountjoy	Bedford
Thuy Ngoc Nguyen	Greensboro
Brian Cameron Teer	Greensboro

*Degrees Conferred August 6, 1991*

Kenneth Douglas Baker	Magnolia
Jerry Lee Bastian	Raleigh
Michael Francis Burns III	Fayetteville
†Tam Xuan Cao	Raleigh
Richard Cary Chambers	Cary
Alfred Anthony D'Ottavio II	Roanoke Rapids
James Craig Dunn	Wilmington
†***James Christopher Edmondson, Jr.	Greensboro
**John Michael Hagerty	Chardon, OH
Kraig Eric Haglund	Raleigh
Michael Peyser Jacobson	Vienna, VA
Kenneth Brian Jethro	Plymouth
John Martin Kenline	Raleigh

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



Nail Mohammad Khalil	Palestine, ISRAEL
Kevin Charles Leite	East Taunton, MA
Mark Shaw McCormick	Hudson, OH
***Joseph Wilson Monaco	Cary
Edward Bryant Oldham	Bear Creek
†***Danny Lee Peeler	Faith
***Terry Lee Perkinson	Cary
Lloyd Madison Shore II	Durham
Julia Dale Thompson	Durham
Kawing David yap	Raleigh

*Degrees To Be Conferred December 18, 1991*

Jerry Franklin Adkins	Madison
Daniel Wright Baker	Dallas
Timothy Brian Barrier	Morganton
**Randall Allen Beck	Mayfield Heights, OH
*Gary James Caiola	Raleigh
Ernest Lacy Carroll	Fayetteville
Clarke Floyd Clingenpeel	Franklin, VA
†**David Wayne Cosby	Perry, GA
Perry Peter Couchell	Charlotte
**Iulian Culetu	Charlotte
Nghia Thanh Dang	Greensboro
Jonathan Clive Davies	Charlotte
**James Kevin DeBruhl	Raleigh
***Buffie Lynn Dew	Rocky Mount
William Louis Diggs	Chapel Hill
David Conly Dugas	Breaux Bridge, LA
**Ayse Durmaz	Raleigh
Ronald Ingalls Elliott, Jr.	Charlotte
Frederick Robert Ellwanger	Palm Harbor, FL
Daniel Chad Evans	Gaffney, SC
Jonathan Edward Ferrell	Kenly
*James Dennis Gantt	Raleigh
Steven Brian Halberstadt	Newark, DE
Michael Joseph Hamm	Kinston
Michael Howard Harris	Galax, VA
Paul Evan Hauser	Pinnacle
Patrick Drew Henderson	Goldsboro
**Brockton Ray Hennings	East Bend
Michael Alton Holt	Chapel Hill
Joel Chapin Horton	Springfield, VA
Robert Edward Hutchins	Concord
***Joshua Mayer Kay	Winston-Salem
Morten Knutsen	Haugesund, NORWAY
†***Laura Elise Krabill	Wilson
†Kirk Julius Krauss	High Point
***Frances Leigh Lucas	Cary
Peter Allen Magennis	Charlotte
Sandeep Kumar Mathur	Raleigh
***Rodney Keith McPherson	Chadbourne
Danny Edward Mull, Jr.	Valdese
Ashish Nijhawan	Fayetteville
Steven Brent O'Daniel	Pittsboro
William Lee Parr	Raleigh
*William Atlas Phillips, Jr.	Sanford
***Ganesh Subba Rao	Raleigh
Gregg Allen Reavis	Winston-Salem
***Jamie David Redenbaugh	Winston-Salem

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

†Jeffrey Allen Ritchey	Wilmington
Gulsangay Homeira Sadat	Kabul City, AFGHANISTAN
†Mark Christopher Sawyer	Elizabeth City
Andrew David Smiley	Sanford
David Warren Snapp	Blountville, TN
James Donald Spare	Miami Lakes, FL
†Kendrick Brian Spencer	Greensboro
Eric Arvidson Staton	Succasanna, NJ
Ronald Scott Taylor	Hickory
Jeffrey Allen Todd	Windsor
Kenneth Vinh Tran	Raleigh
*Bobby Ray West, Jr.	Wilson
Sean Moran Williams	Greensboro
Naomi Odena Wilson	Charlotte
*Kevin Lee Wood	Winston-Salem
George Lewis Woods	Durham
**Dennis Anthony Yost	Raleigh
Beth Anne Zimmerman	Valdese

## BACHELOR OF SCIENCE IN ENGINEERING

*Degree To Be Conferred December 18, 1991*

***Deirdre Lynn Olynick	Raleigh
-------------------------	---------

## BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT

*Degrees To Be Conferred December 18, 1991*

Thomas Powell Holden	Henderson
Christopher Lawrence Jackson	Raleigh
John Edward Roderick	Salisbury
Barry Joe Sparks	Waynesville

## BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

*Degrees Conferred June 25, 1991*

Judith Ann Blair	Bennettsville, SC
David Michael Culbertson	Raleigh
Michele Elizabeth Mitchell	Fayetteville
William Charles Schaefer, Jr.	California, MD
Cedric Bardett Smith	Brevard
Tony Lee Thompson, Jr.	Dunn

*Degrees Conferred August 6, 1991*

Melvin Alexander Crenshaw, Jr.	Richmond, VA
Susan Lorraine Johnson	Fuquay-Varina
**William Hart McCorkle	Spartanburg, SC
Bradley Kent Walker	Lincolnton

*Degrees To Be Conferred December 18, 1991*

Michael Wayne Benson	Raleigh
Timothy Allan Berkey	Murphy
Benjamin Franklin Bohannon, Jr.	Winston-Salem
John Brian Coates	Roxboro
Richard Heriot Cumby	Petersburg, VA
Cary James Faulkner II	Cary
James Emory Gibson IV	High Point
Richard Andrew Gibson	Salisbury

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

Deweese DeWayne Gilyard .....	Raleigh
Felton Brad Godwin .....	Mt. Airy
*Daniel William Gruer .....	Greensboro
Brian Scott Guffey .....	Thomasville
Stephen George Hall .....	Eden
Nathan Randall Houser .....	Lincolnton
Torbjorn Hans Idhammar .....	Stockholm, SWEDEN
†Juliet Alicia Jarvis .....	Norman, OK
Roslyn Johnson .....	Charlotte
George Edward Kilpatrick .....	Greensboro
Betty Maria LeGrande .....	Philadelphia, PA
AnneMarie Lopes .....	Hudson, NH
Timothy Gordon Martin .....	Lawsonville
*Richard Joel McCall .....	Shelby
Kenneth Lee McCraw .....	Belmont
Deidre Renata Mobley .....	Ahoskie
Christopher Joseph Moon .....	Salisbury
***Patrick Troy Mullen .....	Wilmington
Keith Warren Myers .....	Weaverville
Elizabeth Colette Nobles .....	Kinston
**Evelyn Kay Parker .....	Raleigh
*Charisse Colette Rabeler .....	Delhi, NY
*Charles Victor Robinson .....	Durham
John Jacob Schmitzer .....	Raleigh
David Wilson Scott .....	Burlington
*David Scott Smith .....	Eden
Scott Alan Stacey .....	Chapel Hill
Danny Wray Thomas .....	Asheboro
Schwanzetta Maxine Williams .....	Tarboro

#### BACHELOR OF SCIENCE IN MATERIALS SCIENCE AND ENGINEERING

##### *Degree Conferred June 25, 1991*

Scott Arthur Willard .....	Roanoke Rapids
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##### *Degrees To Be Conferred December 18, 1991*

Junius Paul Johnson III .....	New Bern
*Martha Anne Jones .....	Wilmington
**Matthew James Lefevre .....	Winston-Salem
*Donna Leslie Readler .....	Saugerties, NY

#### BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

##### *Degrees Conferred June 25, 1991*

Stephen Randolph Bradshaw .....	Concord
Michael Allan Cottrell .....	Averill Park, NY
Christopher Lee Davis .....	Wingate
Alvin Joenathan Fonville .....	New Bern
David Paul Gloekler .....	Clemmons
Bruce Tyrone Grady .....	Wilmington
**Donald Lee Hammack .....	Roanoke Rapids
Douglas Graham Keene .....	Gastonia
Jimmy Keith Leonida .....	Fayetteville
**Sanda Robinson Lowe .....	Mars Hill
Louis Morgan McGuinn .....	High Point
**Robert Preston Robinson .....	Charlotte
Jennifer Lynn Sheppard .....	Hendersonville
John David Tucker .....	Wadesboro

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

Charles Albert Watson, Jr. ....	Plymouth
Mitchell Lyden White .....	Rocky Mount
Klaus Matthias Wisskirchen .....	Ramsey, NJ

**Degrees Conferred August 6, 1991**

Alaa Muhammad Al-Asaad .....	Greensboro
Kelly Ross Barger .....	Lexington
John Leonard Manhard .....	Durham
Michael Shawn Maxon .....	Greenville
Michael Matte Orwin .....	Fayetteville
Roger Lee Russell .....	Taylorsville

**Degrees To Be Conferred December 18, 1991**

Ayberk Abayhan .....	Durham
Michael Glenn Askew .....	Kinston
William Clinton Thomas Avery II .....	Greensboro
Rolin Farrar Barrett, Jr. ....	Raleigh
Christopher Aldon Baucom .....	Charlotte
**Robert Todd Beaver .....	Concord
James Lance Bell .....	Raleigh
Brian Reynolds Bland .....	Raleigh
Arlan Thomas Brady .....	Carthage
Steven Mark Brameyer .....	Newport
Edward Cary Byers .....	Walnut Cove
Jose Enrique Calderon .....	San Juan, PEURTO RICO
Jay Willis Cobb .....	Charlotte
Joseph Todd Cody .....	High Point
Bartlett Council Cranford .....	Lincoln
William Andrew Crow .....	Kingsport, Tn
David Erwin Crowell .....	Matthews
James William Dalton .....	Greensboro
Kimberly Ann Davis .....	Lumberton
David Henry DeBoskey .....	Raleigh
Christopher Robert Deuel .....	Raleigh
Philip Todd Earley .....	Leicester
Hurst harvey Edson .....	Kilmarnock, VA
Hecham Kamel Elkhatab .....	Palestine, LEBANON
Richard Ivan Garner, Jr. ....	Spring Lake
Christie Annette Goodson .....	Denver
Darrin Crawford Goodson .....	Maiden
David Lee Gordon .....	High Point
**William Keith Gualtieri .....	Concord
Stephen Thomas Hall .....	Asheboro
**John Harvey Hanna .....	Gastonia
Daniel James Higgins .....	Hickory
**James Theodore Hill .....	Asheville
Michael Hoyt Hobbs .....	Clinton
Jeffrey Adams Houston .....	Kenansville
David Bartlett Hughes .....	Kenansville
Christopher Edward Hughey .....	Charlotte
Robbin Ann Isaac .....	Maiden
***James Anthony Joy .....	Clemmons
**Daniel Paul Kriss .....	Davidson
James Richard Kuhlman .....	Kernersville
Chadwick Alan Leatherwood .....	Eden
Richard Vaden Lee, Jr. ....	Burlington
Edward James Lillis .....	Cary
Kenneth Donald Litton .....	Charleston, WV

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

**Eric Raymond Logan	Kitty Hawk
Anthony Francis Marotto	Ashland, VA
Thomas Hanna Mata	Greensboro
Alexander Oldham McCarley, Jr.	Wilmington
Steven John Mcmanus	Wilmington
Paul Joseph Mehle, Jr.	Battleboro
***Brian Edward Mitchell	Greenville
John Lindsey Morris	Clemmons
Thomas Hunter Morris	Kinston
Thomas Andrew Morrison	Silver Spring, MD
Kenneth Ray Mullins	Raleigh
Shadrach Andrew Nanney	Marion
Constantine Jimmie Pourlos	Charlotte
Heather Lynne Reuther	Enka
David Michael Robbins	Alexandria, VA
**Michael Eugene Ross	Raleigh
*Jeffery Scott Sagraves	Charlotte
Daryl Lee Sain	Vale
Eric Cruz San Nicolas	Spring Lake
*Paul Joseph Schumacher	Winston-Salem
Michael Scott Sekulich	Wilmington
Eric David Shields	Greensboro
Christopher Noel Sluder	Asheville
***Jennifer Hidges Smith	Raleigh
Michael Joseph Snyder	Sanford
Joseph Dale Spivey	Candler
***Peter Sramka	Fayetteville
Kenneth Daniel Thomas	Four Oaks
***John Corbett Thomason	Salisbury
Jefferson Thomas Twisdale	Smithfield
Joseph Michael Voelker	Fayetteville
Lisa Karen Warlick	Lawndale
Joseph Mark Waters	Raleigh
William Keith Watkins	Raleigh
Steven Russell Whitehead	Scotland Neck
**Steven Lee Whitfield	Chattanooga, TN
Gary Lynn Williams	Greensboro
Brian Lee Winstead	Hendersonville
Theodore Martin Yost	Hillsborough

## BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

### *Degrees Conferred August 6, 1991*

Lionel Bertrand Burnette, Jr.	Oxford
Tanya Michelle Hamilton	Monroe

### *Degrees To Be Conferred December 18, 1991*

Walter Edward Credle	Durham
Jack Sterlin Imbriani	Garner
†David Carson Williams II	Columbia, SC

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

# PROFESSIONAL DEGREES

## AEROSPACE ENGINEERING

*Degree Conferred August 6, 1991*

Glynn Edward Fouche III ..... Greensboro

## College of Forest Resources



### BACHELOR OF SCIENCE IN PULP AND PAPER AND SCIENCE AND TECHNOLOGY

*Degree Conferred June 25, 1991*

Mary Angela Freuler ..... Roanoke Rapids

*Degree Conferred August 6, 1991*

\*\*Ronald Douglas Estridge ..... Midlothian, VA

*Degrees To Be Conferred December 18, 1991*

†Mark Duane Best .....	Eden
Richard Thomas Fielding .....	Wilson
Thomas Keith Kirkpatrick .....	Clyde
Amy Katherine Noles .....	Lincolnton
†Wade Edward Rushing .....	Raleigh
***Jeffrey Gordon Thomas .....	Jamestown
†Troy Alphin Willis .....	Windsor, VA
John Leon Windley .....	Raleigh

### BACHELOR OF SCIENCE IN RECREATION RESOURCES ADMINISTRATION

*Degrees Conferred June 25, 1991*

Rodney Lee Carter .....	Concord
John Melvin Rape .....	Kannapolis

*Degree Conferred August 6, 1991*

Eric Linsey Fairfax ..... Asbury Park, NJ

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

*Degrees To Be Conferred December 18, 1991*

Jarrold Shane Ambrose	Asheboro
Melanie Susan Brinkley	Wake Forest
Allison Lee Crumpler	Southern Pines
James Thomas Lowman, Jr.	Raleigh
Sheri Lynne Malinowski	Greensboro
*Kristina Herr Martin	Lancaster, PA
William Jess Moore	Winston-Salem
Michele Paige Musselwhite	Raeford
James Allen Overby, Jr.	Norlina
Joseph Clarence Reardon	Raleigh
John Ashley Rudolph	Kinston
Carey Douglas Sasser	Wrightsville Beach
Stephanie Dawn Shook	Raleigh
Kevin Neal Shumate	Bessemer City
Charles David Stichweh	Fayetteville, GA
Jeffrey Scott Todd	Raleigh
Todd Martin Tucker	Lillington

**BACHELOR OF SCIENCE IN WOOD SCIENCE AND TECHNOLOGY**

*Degree To Be Conferred December 18, 1991*

Heath Gordon Saunders	Iron Station
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**College of Humanities  
and Social Sciences**



**BACHELOR OF ARTS IN ACCOUNTING**

*Degrees Conferred June 25, 1991*

John Frederick Bates	Raleigh
Judy Carolyn Casey	Wilson
Tom David Edlers, Jr.	Raleigh
*Beverly Lynn Hinton	Apex
Clay Pendleton Lowry	Elizabeth City
†Christopher Todd Murphy	Youngsville
Richard Gray Rogers	Raleigh
Francis Arthur Sarnie III	Raleigh
Kathryn Seymour	Charlotte
†Mary Ann Sorrentino	Raleigh
Ebony Elena Taylor	Colorado Springs, CO
Troy Merritt Young	Durham

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

**Degrees Conferred August 6, 1991**

John Carey Cunningham	Cherry Hill, NJ
Elizabeth Whitley Exum	Raleigh
Martha Caroline Hayes	Wingate
Lori Kay Stanifer Markle	Carlisle, OH
Jeffrey Wayne Massengill	Asheboro
Charlotte Rapier Price	Bardstown, KY
Laura Frances Scott	Kinston
Michael Angelo Tucker	Greenville

**Degrees To Be Conferred December 18, 1991**

*Marsha Ann Bailey	Fayetteville
James Derrick Bowman	Mt. Airy
Neha Topiwala Burns	Oxford
*Alison Blair Coble	Greensboro
**Lisa Michele Culp	Williamsville
†**Portia Gay Daughtry	Smithfield
†Darren Moore Dowell	Sylva
†***Mark Franklin Evrard	Wendell
Karen Alisa Frazier	Elizabeth City
†Jody Jerome Hutto	Cary
Susan Hoffman King	High Point
Stephan Andreas Lampert	Offenburg, GERMANY
*Cynthia Dawn Lassiter	Burlington
***Catherine Helen Lloyd	Cary
Jacqueline Denise McClain	Cary
**Cheryl Lynn Palmieri	Centreville
†Robert Darin Patterson	King
†Jennifer Lynn Rehbein	Rome, NY
Wesley Lloyd Robinson	Waynesville
Preston Edward Rose	Raleigh
Amy Lynn Rouse	Garner
Stephanie Ryals	Raleigh
Richard Ashley Shearin	Greenville
*Thomas Marshall Smith	Raleigh
*Kaye McEntire Starnes	Raleigh
Kimberly Gayle Stokes	Wallace
Rodney Lee Tiller	Raleigh
Charles Ashley Woodall	Raleigh
Susan Kay Wrenn	Durham

**BACHELOR OF ARTS IN BUSINESS MANAGEMENT**

**Degrees Conferred June 25, 1991**

Beverly Rae Allen	Greenville
Lynne Shelese Amos	Charlotte
Brian Joseph Burkett	Pinehurst
†**†Jennifer Lynn Cannon	Morganton
Shannon Elizabeth Carrino	Raleigh
Rhonda Michele Chisolm	Charlotte
Gretchen Ann Cobb	Reidsville
Elizabeth Caroline Cutts	Raleigh
Joseph Tyler Danzy	Walnut Cove
Rotunda Layvette Eaton	Winston-Salem
John David Foster	China Grove
Tajuan Nichelle Franklin	Kinston
Darryl Godwin	Wade
Walter Skellie Hunt IV	Raleigh

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



John Casey Jamison	Charlotte
Reese Arnaugh Jamison IV	Charlotte
Douglas Torrey Johannessen	Greensboro
Ashley Albright Jones	Virginia Beach, VA
Marty Lee Karriker	Charlotte
Brent Edward Lancaster	Benson
James Stanley Marion	Mount Airy
Thomas Richard Marquardt	Banner Elk
Donna Marie Moody	New York City, NY
†Christopher Todd Murphy	Youngsville
Robert Joseph Nesbitt	Peachbottom, PA
Margaret Garrison O'Brien	Burlington
Wyatt Alan Pettengill	Cary
Richard Michael Pokrant	Pittsburgh, PA
Sarah Davis Rankin	Cary
†Mary Frances Reid	Greensboro
Michael David Richardson	Wilmington
†Rodd Nash Ring	Winston-Salem
William Forrest Rogers	Mebane
James Kendall Ross	Dallas
James Warren Sinclair	Clinton
Kevin Scott Slaughter	Fayetteville
Frederic Lewis Smyre IV	Gastonia
†Mary Ann Sorrentino	Raleigh
*Kevin Moseph Stewart	Alexandria, VA
Jim Chicuong Ta	Raleigh
Thomas Joseph Tanner	Syracuse, NY
Michael McHale Trotter	Charlotte
†*Kurt Stephen Wanner	North Stonington, CT
Anthony DeMorris Williams	Florence, SC
Roy Kenneth Williams, Jr.	Spring Lake
James Tanley Williamson	Glen Allen, VA
†Gilbert Alan Young	Wake Forest

#### *Degrees Conferred August 6, 1991*

Gary Steven Arnold	Charlotte
Michael Ray Barefoot	Raleigh
William Ivon Beddingfield, Jr.	Wendell
Charmaine Janine Bickram	Raleigh
Darrell Louis Brown	Raleigh
Susan Noel Brown	Charlotte
Frank Marion Bryson III	Manteo
Aidan Edward Dewey II	Alexandria, VA
**Lisa Marie D'Onofrio	Granby, CT
†William Preston Dunn, Jr.	Fayetteville
Robert Ray Gibson	Blanch
Christopher David Gilleland	Lincolnton
Suzanne York Gladden	Vale
Everette Maxwell Gordon	Thomasville
Michael Tyrone Griffin	Washington, DC
†*Douglas Chad Guthrie	Salter path
John Patrick Gwynn	Henderson
†Antiqua Blair Hanes	San Diego, CA
†Oscar Berval Hawkins III	Charlotte
Shawn Denise Henderson	Raleigh
Christine Marie Holian	Virginia Beach, VA
William Russell Holt	Raleigh
Michael Lee Jones	Baltimore, MD
†John Thomas Kern II	Star

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

***Sharon Ann Keyes	Fayetteville
Michael Stafford Ledermann	Charlotte
†Elizabeth Ann Lewis	Bowie, MD
Cynthia Ann Mabe	Pelham
Anjali Sanjay Matange	Bombay, INDIA
Susan LeAnn Maxey	Reidsville
†Douglas Harold Miller	Jackson
Kristen Louise Ohliger	Newark, DE
Adam Wayne O'Neal	Raleigh
†Todd Nelson Ring	Winston-Salem
Maura Elizabeth Smith	Asheville
Solita Arnette Spoons	Wilson
*Erin Michelle Stanton	Raleigh
Brian Thomas Theissen	Raleigh
Stephanie Thompson	Whiteville
Shannon Thomas Tierney	Dunn
Suzanne Florecee Walker	Fayetteville

*Degrees To Be Conferred December 18, 1991*

Frederick Howard Adams, Jr.	Raleigh
Edwin Lewis Aldridge, Jr.	Tarboro
*Christopher Ralph Alfenito	Raleigh
†Barry Stenard Anderson	Atlanta, GA
Robert Phillip Andrews	Silver Springs, MD
Jason Michael Armstrong	Madison, NJ
Kelly Dwight Barbour	Benson
†Darren Phillip Barnes	Kings Park, NY
†Steven Gordon Blake	Concord
Brian Craig Blakely	Statesville
†Robert Bruce Bleecker	Paoli, PA
Michael Caleb Bowser	Plymouth
Kenza Cook Boyer	Winston-Salem
John Winton Brady	Charlotte
†Kenneth Dean Bright	Jacksonville
Warren Elliott Brockwell	Richmond, VA
Kimberly Susan Burba	Charlotte
†Michael William Burchett	Charlotte
David Sean Butler	Durham
Paul Joseph Capps, Jr.	Coats
Sabrina Nicole Capps	Raleigh
†Juan Mauricio Carrasco	Valencia, VENZUELA
Sandy Allison Carrington	Raleigh
Kyle Ray Chavis	Lumberton
Shorn Moran Cherry	Lewiston
Robert Benjamin Courts	Greensboro
Brian Lassiter Crocker	Selma
Joseph Charles Daniel	Black Creek
†*Portia Gay Daughtry	Smithfield
†Sharon Elizabeth Dautel	Charlotte
Brian Scott Dennler	Crestview Hills, KY
†Sanjeev Kumar Dev	Durham
Mark Paul DiPietro	Raleigh
Stephen Dean Edwards	Pine Level
Christopher Wayne Eller	Concord
Brent Coleman Elliott	Cary
†***Mark Franklin Evrard	Wendell
Gary Paul Fogt	Mebane
Karen Lynn Freeman	Aberdeen Proving Grds, MD
Christopher James Fussell	Charlotte

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

Craig Edward Gelston	Raleigh
Kimberly Paige Gilliam	Burlington
Lori Ann Gilliam	Burlington
Kenneth Marvin Godwin	Fayetteville
Thomas Phelps Gordon	Raleigh
Susan Marie Graham	Gaithersburg, MD
†Tony DeWitt Gupton	Angier
*Elizabeth Leigh Hagwood	Oxford
†Thomas Christopher Harrell	Suffolk, VA
†Mamie Orvidlene Harris	Raleigh
†Veronica Lynn Harris	Washington, DC
Todd Lewis Harrison	Gainesville, FL
Joel Harrison Hartwell	N. Myrtle Beach, SC
Jonathan Eric Hayes	Fayetteville
Deborah Darlisa Hazzard	Columbia, SC
Nancy Lenora Hickman	Wilmington
Karen LuVada Hollingsworth	Raleigh
James Leroy Holmes, Jr.	Smithfield
Aaron LaBruce Horton	Windsor
†Jody Jerome Hutto	Cary
Keun Woo Jon	Jamestown
Jimmy George kappas	Fayetteville
†Scott Mitchell Karriker	Salisbury
†**Kimberly Cathleene Kauls	Forest Lake, MN
Raymond Earl Keeney, Jr.	LaPlata, MD
David Yoon Kim	Greenville
†Robert Wray Kindsvatter	Raleigh
Christopher Andrew King	
Wendy Leigh King	Charlotte
***Leslie Merle Knuth	Philadelphia, PA
*Bonnie Lynn Elizabeth Koehler	Raleigh
Amy Susan Koontz	Charlotte
Jason Michael Kropka	Concord
Sean Skeffington La Croix	Charlotte
York Scott Larese	Huntington, NY
†Charles Colon Danyus Lassiter III	Winston-Salem
James Edward Layton II	Spring Hope
David James Leistiko	Mayfield, OH
†Daymond Christopher Long	Queens, NY
†Matthew Kevin Long	Raleigh
Cathy Sessoms Lurty	Jacksonville
†Robert Thomas Lynam	Morganton
*Robin Lynn McAllister	Raleigh
Laura Anne McElreath	Sanford
†Barry Ryan McNamara	Raleigh
Kelly Lee Macy	Winston-Salem
Jessica Greer Mahaffey	Durham
Michelle Renee Manuel	Fayetteville
AnnScott Forrest Martin	Raleigh
David Walter Mathews	Ravenna, OH
Kelly Ann Matrone	Raleigh
Scott Andrew Merryman	Greensboro
Kenneth Allen Michel	West Chester, PA
David Lee Miller, Jr.	Greenville
Cheryl Janine Mills	Raleigh
†William Stacey Moore III	Charlotte
Robert Patrick Moser	Hickory
†Roy Walton Mzingo II	Suffolk, VA
*Beverly Carla Murray	Raleigh

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

†Leslie Marie Murray	Wrightsville Beach
Alexander Hargrove Nicholson	Athens, GA
Jerry Robert Norris, Jr.	Raleigh
†John Theodore Olczak	Greensboro
Charles William Overman	Silver Springs, MD
Nicholas Stamatias Paleocrassas	Carthage
Christine Leigh Patton	Charlotte
†Robert Darin Patterson	King
Scott Edward Pederson	Charlotte
†Laura Ann Petrie	Wappingers Falls, NY
George Brown Pilkington III	Annadale, VA
Christopher Brian Pope	Smithfield
Matthew Bryan Price	Asheville
Scott Jackson Proctor	Charlotte
Monica Denise Pugh	Pittsboro
***Richard Lee Randolph	Raleigh
Randi Jaye Raspberry	Charlotte
William Anthony Read	Goldsboro
Christopher Wayne Reese	Newton
†Jennifer Lynn Rehbein	Rome, NY
Daniel Paul Richardson	Asheville
Elizabeth Katherine Riley	Pittsburgh, PA
Daniel William Robson	Madsion, CT
Christy Brook Roden	Vienna, VA
Gregory Hunter Ross	Winston-Salem
Amy Lynn Sawyer	Raleigh
Nicole Desta Schlenger	Boonton, NJ
†Jennifer Lee Smith	Greensboro
Kemper Battle Smith	Raleigh
Susan Irene Spoddig	Raleigh
Sophia Staton	Nashville
Laura Elaine Stephens	Raleigh
Daniel Patrick Stevens	Brooktown, NJ
Eric Jason Stutts	Durham
**Karen Lynn Sullivan	Concord
***Riki Takeuchi	Tokyo, JAPAN
William David Tanksley	Charlotte
†John Thomas Tate, Jr.	Valdese
Jeffrey Rudolph Taylor	St. Paul, MN
Bryan Keith Thomas	Sanford
Kevin Roman Thomas	Doswell, VA
Christopher Plummer Trevey	Salisbury
Derek Tremel Tyson	Durham
Warren Beatty Waldron	Newton
Courtney Elizabeth Walsh	Raleigh
Michael Robert Weber	Charlotte
James Edward Westbrook	Goldsboro
Walter Clayton Whitehurst III	Jacksonville
Alan Kelly Wiley	Gates
**Jay Alan Wilkinson	Raleigh
†David Julian Willingham	Charlotte
Craig Cooper Willis	Atlantic
†Joseph Giles Wilson, Jr.	Chapel Hill
Larry Ronald Wilson	San Jose, CA
Ashley Noland Wormble	Lumberton
Larry Christopher Woodall	Raleigh
†Douglas Shrewsbury Woodruff	Charlotte
Randall Scott Woody	Raleigh
Robin Louise Wyly	Cary
†Peter Brian Zimmermann	Fairfax, VA

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

## BACHELOR OF ARTS IN COMMUNICATION

### Degrees Conferred June 25, 1991

Cardine Cole Atkinson	Wilmington
Julie Ann Bock	Smithfield
James Arthur Davis	Mt. Holly
Joseph Billy Flippin, Jr.	Winston-Salem
Carol Ann Hancock	Detroit, MI
Joy Ann Ludwick	Raleigh
Katrina Dette Miller	Winston-Salem
Susan Baldwin Minier	Asheboro
Steven Curtiss Mitchell	Rolesville
Sharon Paige Parris	Charlotte
Nadine Annette Perry	Henderson
Judith Lillian Roberts	Murphy
*Jennifer Tagle Santos	Raleigh
Kelley Patricia Sullivan	Verona, NJ
*Tracey Lyn Taylor	Ahoskie
†Kurt Stephen Wanner	North Stonington, CT
**Derek Dudley Warden	Knightdale
*Holly Carol Warrick	Asheboro
Darryl Len Wright	Durham

### Degrees Conferred August 6, 1991

Susan Reber Brookhart	Fayetteville
Amy Michelle Camp	China Grove
Jane Grimsley Dowdy	High Point
Scott Alan Dvorak	Orange Park, FL
*Marilyn Mulholland Grady	Durham
Anna Kathleen Holcher	Lenoir
Jacqueline Beatrice Hope	Trenton
Kristi Ann Kuchelmeister	Bloomington, NJ
Kathy Lynn Littig	Worthington, OH
Anne Markel Neller	Greensboro
Melissa Ruth Parlier	Hickory
**Kyle Denise Ridout	Morrisville
William Kivett Slack, Jr.	Charlotte

### Degrees To Be Conferred December 18, 1991

Trevor Gerard Alston	Littleton
Christine Ann Austin	Charlotte
*Cynthia Ann Balmer	Raleigh
Laura Jean Birkhimer	Raleigh
Kaaryn Tonyette Burton	Charlotte
†David Anthony Carlone	Little Compton, RI
Bryan Lee Carter	Greensboro
Nicoa Syaughn Clemmons	Wilmington
Tracy Haney Donnan	Raleigh
Mert Conrad Dunne	Raleigh
Rhyle Lubeth Elmore	Kinston
Mary Terese Ferris	Cary
Jason Erik Fetvedt	Raleigh
Morton Geoffrey Fleming	Enfield
Susan Elizabeth Fodel	Charlotte
Kimberly Michelle Haigh	Raleigh
Elizabeth Louise Hardee	Raleigh
Tiffany West Harrington	Raleigh
Amber Pope Hasan	Monroe
†Heather Anne Huiskamp	Rock Island, IL

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

Quentin Allen Jackson	Annapolis, MD
Curtis Chapman Johnson	Raleigh
Therin Elaine Kerls	Raleigh
Kevin Wayne Kimball	Burlington
Corinne Elizabeth Kirksey	Morganton
Stephanie Ann Kondratick	Rockville, MD
Charles Cecil Kyles	Raleigh
Cynthia Louise Lanning	Greensboro
John Moore Lewis	Faison
Mitchell Ligotino	Raleigh
Darrell ray Majors	Greensboro
*Patty Ann McCarty	Raleigh
Melissa Robyn McCorkle	Matthews
*Mary Emily McDonald	Raeford
James Robert McLeod IV	Pittsburgh, PA
Lisa Marie Miller	Raleigh
Anthony Joel Misenheimer	Statesville
James Colin Moran	Raleigh
Shannan Elizabeth Mulholland	Youngstown, OH
Wendalyn Melissa Perry	Franklinton
Ana Maria Rafols	Statesville
Robin Moore Ramger	Cary
Patricia Michelle Raymond	Avon Lake, OH
Angela Annette Rice	South Boston, VA
Julie Anne Rigsbee	Wendell
Mary Elizabeth Rowland	Cary
**Teresa Diane Rushing	Raleigh
Suzanne Harner Simiele	New Bern
Linda Carolyn Smith	Califon, NJ
Donna Jill Sparks	Tarboro
Ashley Maguire Stroud	Raleigh
*Bonnie Lisa Stroud	Clewiston, FL
Nicole Elizabeth Swain	Creswell
Kelli Maria Swing	Lexington
Jarrett Hall Taylor	Lynchburg, VA
Laura Ann Teder	Cary
William Matthew Tisdale	Ashville
Nicole Lynn Valdes	Tampa, FL
Kama Heather Ward	Durham
Leslie Denise West	Baltimore, MD
Kelli Lynne White	Hertford
Wendy Beth Zier	Raleigh

## BACHELOR OF ARTS IN ECONOMICS

### *Degrees Conferred June 25, 1991*

††Jennifer Lynn Cannon	Morganton
†Mary Frances Reid	Greensboro
†Rodd Nash Ring	Winston-Salem
Gary Steven Workman	Wake Forest
†Gilbert Alan Young	Wake Forest

### *Degrees Conferred August 6, 1991*

†William Preston Dunn, Jr.	Fayetteville
†Antiqua Blair Hanes	San Diego, CA
†Oscar Berval Hawkins III	Charlotte
†John Thomas Kern II	Star
†Elizabeth Ann Lewis	Bowie, MD
†Douglas Harold Miller	Jackson

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

†Todd Nelson Ring .....	Winston-Salem
Amanda Verdese Tuck .....	Roxboro
James Phillip Williams, Jr. ....	Raleigh

**Degrees To Be Conferred December 18, 1991**

†Barry Stenard Anderson .....	Atlanta, GA
†Darren Phillip Barnes .....	Kings Park, NY
†Steven Gordon Blake .....	Concord
†Robert Bruce Bleecker .....	Paoli, PA
†Kenneth Dean Bright .....	Jacksonville
†Michael William Buchett .....	Charlotte
†Juan Mauricio Carrasco .....	Valencia, VENZUELA
†Sharon Elizabeth Dautel .....	Charlotte
†Tony DeWitt Gupton .....	Angier
†Marnie Kristen Hamer .....	Oneida, NY
†Thomas Christopher Harrell .....	Suffolk, VA
†Mamie Orvidlene Harris .....	Raleigh
†Scott Mitchell Karriker .....	Salisbury
†**Kimberly Cathleene Kauls .....	Forest Lake
†Robert Kray Kindsvatter .....	Raleigh
Christina Joanne Kotos .....	Raleigh
†Charles Colon Danyus Lassiter III .....	Winston-Salem
Edward Ernest Lee III .....	Durham
†Matthew Kevin Long .....	Raleigh
†Barry Ryan Mcnamara .....	Raleigh
†William Stacey Moore III .....	Charlotte
†Leslie Marie Murray .....	Wrightsville Beach
†John Theodore Olczak .....	Greensboro
†John Thomas Tate, Jr. ....	Valdese
Brad Anthony Taylor .....	Hickory
James Glenn Villaruel .....	Knightdale
†David Julian Willingham .....	Charlotte
†Joseph Giles Wilson, Jr. ....	Chapel Hill
†Douglas Shrewsbury Woodruff .....	Charlotte
†Peter Brian Zimmermann .....	Fairfax, VA
Christopher Matthew Zink .....	Raleigh

**BACHELOR OF SCIENCE IN ECONOMICS**

**Degree Conferred June 25, 1991**

Daniel Edward Harrell II .....	Raleigh
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**Degrees to Be Conferred December 18, 1991**

James Edward Buynitzky .....	Raleigh
Colin Matthew Campbell .....	Raleigh
John William Doshier, Jr. ....	Southport
James Calton Duckworth IV .....	Stanley
Yolanda Kay Faile .....	Murfreesboro
Kristen Elaine Harman .....	Mobile, AL
Donald Wayne Meriwether .....	Raleigh
David Clay Moore .....	Winston-Salem
Gary Lewellyn Raines .....	Lawnside, NJ
Michael David Russell .....	Wilmington
Eric Quinn Sumner .....	Asheboro
*Michael Owen Swann .....	Manassas, VA
Brett Lee Thomas .....	Asheboro
Kenneth James Thursby .....	Fayetteville
David Lawrence Uhler .....	Brevard
Michael Lee Williams .....	Jacksonville

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

## BACHELOR OF ARTS IN ENGLISH

### *Degrees Conferred June 25, 1991*

Nicholas Andrew Dean .....	Raleigh
Brent Charles Keadle .....	Dudley
Matthew Russell Krevat .....	Brooklyn, NY
Rennie Erwin Sloan .....	Durham
Maria Lynette Zone .....	Sanford

### *Degrees Conferred August 6, 1991*

Timothy Lee Currin .....	Raleigh
Patricia Ann Jeffries .....	Kings Mountain
*Jennifer Lynn Marsico .....	Cary
Diane Lynn Morizio .....	Durham
Hoke Smith Roberson III .....	Edenton
Philip Overton Ross .....	Raleigh

### *Degrees To Be Conferred December 18, 1991*

Misty Michele Ayers .....	Raleigh
Catharine Marie Berry .....	Chapel Hill
*Jennifer Ann Bur .....	Apex
*Jeffrey Daniels Coburn .....	New Bern
*Kelley Anne Dawson Gartland .....	Cary
†Sanjeev Kumar Dev .....	Durham
Bonnie Bright Downs .....	Raleigh
Sandra Marie Duncan .....	Centralia, IL
Nathan James Gay .....	Winston-Salem
*Gabi Roma Glatkauskas .....	Raleigh
Jill Shannon Hebert .....	Raleigh
Thomas Quintin Klinger .....	New Canaan, CT
Kristen Elizabeth Leath .....	Charlotte
†Carolyn Renee Love .....	Raleigh
*Angela Kay Mann .....	Eton College
Lisa Catherine Martin .....	Newport News, VA
Stacy Rossilea Owen .....	Hickory
Kelly Anne Peace .....	Raleigh
MaLee Blanch Pearce .....	Raleigh
Belinda Wilson Perkins .....	Raleigh
Kelly Williams Pike .....	Knightdale
***David Michael Price .....	Cary
Carol Jean Rascoe .....	Windsor
Kelly Christina Roeder .....	Matthews
Helen Scaech .....	Raleigh
**Harold Eric Sparks .....	Gastonia
Samuel Vernon Stevens IV .....	Broadway
Michael Alan Tolliver .....	Thomasville
Kimberly Lynn Whorton .....	Arapahoe
**Anna Buff Williams .....	Raleigh

## BACHELOR OF ARTS IN FRENCH LANGUAGE AND LITERATURE

### *Degrees to Be Conferred December 18, 1991*

†Gabrielle Marie Donnay .....	Brussels, BELGIUM
**Kathryn Anne Hill .....	High Point
†Robert Thomas Lynam .....	Morganton
Robin Sue Marsell .....	Ashland, VA

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



## BACHELOR OF ARTS IN HISTORY

### *Degrees Conferred June 25, 1991*

Edward Haynes Adams	High Point
Mark Allen Ellenberg	Warsaw
William David Moore, IV	Charlotte
Catherine Clardy Rasor	Cross Hill, SC

### *Degrees Conferred August 6, 1991*

Dorothy Clarke Anderson	Blowing Rock
†Douglas Chad Guthrie	Salter Path
John Mayo Little	Salisbury

### *Degrees To Be Conferred December 18, 1991*

*Janet Eileen Brewer	Eagle Springs
Tiffany West Burroughs	Wendell
Christian Ryan Busch	Greensboro
Andy Lamar Byrd	Benson
Eddie Frank Campbell	Charlotte
Howard Trevor Church	Albemarle
Gary Yates Coates	Raleigh
Melanie Rae Fagert	Raleigh
Laura Ann Harris	Raleigh
*Hollie Thea Haymes	Raleigh
Earl Lamont Ijames	Winston-Salem
H***Michelle Marie Kuhl	Clemmons
Chris Wiley Olive	Fuquay-Varina
William Rodney Orr	Stella
Edward George Pekarek III	Boone
Lucy Ann Procter	Raleigh
Rudy Edward Renfer	Chapel Hill
Rock Lance Roskam	Chapel Hill
H*Lawrence Edward Savage	Cary
Jeffrey Dwight Shuping	Salisbury
Keith Taylor	Fremont
David Scott Weathers	Raleigh

## BACHELOR OF SCIENCE IN HISTORY

### *Degree Conferred June 25, 1991*

Brett Aaron Shepherd	Manteo
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### *Degree Conferred August 6, 1991*

James Elias Harshaw, Jr.	Greensboro
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### *Degree To Be Conferred December 18, 1991*

Jeffrey Todd Havens	Raleigh
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## BACHELOR OF ARTS IN MULTI-DISCIPLINARY STUDIES

### *Degrees Conferred June 25, 1991*

*Julia Kathryn Caldwell	Hickory
Kimberley Ann Wallis	Raleigh
Monica Renee Yarborough	Louisburg

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

*Degrees Conferred August 6, 1991*

Deborah Ann Candler .....	Raleigh
***Sylvia Wilson Harrison .....	Garner
Toni Lynn Hughes .....	Merry Hill
Michael Mark Laycock .....	Winston-Salem
George Wesley Marsh .....	Raleigh
Grant Carl McCullough .....	Raleigh
**Edith Freytag RFoeder .....	Syracuse, NY
Chevette Scott .....	Durham

*Degrees To Be Conferred December 18, 1991*

Thomas Frederick Armstrong, Jr. ....	Lillington
Sean Michael Cassidy .....	Potomac, MD
***Carlton Anne Cook .....	Raleigh
†**Gabrielle Marie Donnay .....	Brussels, BELGIUM
Monica Irene Francois .....	Bowie, MD
Alex James Galanides .....	Norfolk, VA
Stephanie Lee Garner .....	Willow Springs
†Veronica Lynn Harris .....	Washington, DC
Simone Monique Lambert .....	Morehead City
†Daymond Christopher Long .....	Queens, NY
Faika Gözütok McNally .....	Raleigh
†Roy Walton Mazingo II .....	Suffolk, VA
Danny Ray Page .....	Garner
Jeanne Rae Patience .....	Tabor, IA
Found Akhtar Raja .....	Burlington
***Madelyn Welch Read .....	Raleigh
*David Alexander Shaw .....	Kings Mountain
†***Elizabeth Avery Stephens .....	Lumberton
**Wanda Ann Wildman .....	Accokeek, MD

**BACHELOR OF ARTS IN PHILOSOPHY**

*Degree Conferred August 6, 1991*

John Ivey Harris, Jr. ....	Raleigh
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*Degrees To Be Conferred December 18, 1991*

†*Carolyn Renee Love .....	Raleigh
James Franklin Moody .....	Raleigh
*Robert Perry Strickland .....	Louisburg

**BACHELOR OF SCIENCE IN PHILOSOPHY**

*Degrees To Be Conferred December 18, 1991*

**Michael Ray Brent .....	Winston-Salem
*David Carson Williams .....	Columbia, SC

**BACHELOR OF ARTS IN POLITICAL SCIENCE**

*Degrees Conferred June 25, 1991*

**Brenda Sue Beerman .....	McKean, PA
***Linda Fisher Felder .....	Raleigh
Alexander Taylor Houstoun .....	Washington, DC
*Phillip Theodore Jackson .....	Hendersonville
Michael Jay Journigan .....	Raleigh
John Farrar Kilian .....	Norlina
*Nicole Joy Lehmann .....	Moorestown, NJ
Carson Rhyme Lindsey .....	Charlotte

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

David Francis Masters-Moore	Raleigh
*Thomas Ralph Melton	Mount Holly
John Patrick O'Roark	Savannah, GA
Mark Haywood Southerland	Raleigh
Wendy Gail Worley	Charlotte

**Degrees Conferred August 6, 1991**

Charles Leslie Byrd, Jr.	Elizabethtown
***Craig Stanley Chew	Manchester, MA
James Arthur Covington, Jr.	Fayetteville
Gregory Heath Dean	Hickory
Scott Ray Glasscoe	Winston-Salem
Laura Smith Holmes	Bowdens
James Emerson Kolodziej	Greensboro
Nyhisha Taniyee Meaders	Brooklyn, NY
Larry George Najjar	Southfield, MI
William Britt Perkins	Statesville
John David Thomas, Jr.	Wilmington

**Degrees To Be Conferred December 18, 1991**

Kimberly Renee Adams	Raleigh
Valeria Simona Adams	Eden
*Sergio Jose Alarcon	Medford, NJ
Joseph Everett Beasley	Charlottesville, VA
Peter John Blutreich	Wingate
Pamela Lynette Brown	Fayetteville
Paul David Brown	Greensboro
†David Anthony Carlone	Little Compton, RI
Margaret Becton Crumpler	Raleigh
William Thomas Dail	Raleigh
Jon Andrew Felton	Raleigh
Jason Damian Galarneau	Charlotte
Lisa Ann Guerreri	Manassas, VA
Richard Earl Hogg II	Kenly
John Mark Hollowell	Edenton
David Lewis Holt	Chapel Hill
Dana Lynne Jackson	Harrisburg
*Thomas Russell Johnson II	Kill Devil Hills
*Elizabeth Ilene Kurzer	Drexel
Benjamin Earl Langdon	Garner
*Theodore Lawrence McElroy	Charlotte
Sean Joseph McIlhinney	Cherry Hill, NJ
James Sean McMillan	Charlotte
Christopher Johnston Monte	Raleigh
April Yvette Morris	Ashbury Park, NJ
Glenn Ronald Page	Woodcliff, NJ
Shelton Neal Price	Raleigh
John Theodor Quinn	Corning, NY
Jonathan Matthew Raab	Garner
*David William Sheehan	Coral Springs, FL
Shannon Mechele Smith	Hendersonville
Nadir Albert Sumrean	Alberih, West Bank
Wendy Elizabeth Sutton	Cary
Scott David Trumpower	Charlotte
Jody Clayton Webb, Jr.	Denver, CO
Clarissa Cox Wooden	Huntington, WV
Jeffrey Dyer Wright	Camp LeJeune
*Brett Smith Yauger	Cameron

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

## BACHELOR OF ARTS IN SOCIOLOGY

### *Degrees Conferred June 25, 1991*

Leslie Carole Chromy .....	Raleigh
Christian Alan Crawford .....	Morganton
James Arthur Garner, Jr. ....	Winston-Salem
Kelly Lynn Hall .....	Denton
Charles Martin Jacumin .....	Connelly Springs
*Ilona Strahl Johnson .....	Raleigh
Monica Shirelle Long .....	Greenville
Hien Dai Nguyen .....	New Orleans
Greta Lynette Rogers .....	Brooklyn

### *Degrees Conferred August 6, 1991*

***Vicki Suzanne Clark .....	Morganton
Anthony Wayne Garner .....	Smithfield
Richard Albert Lopez, Jr. ....	Durham
Linda Leigh Lynn .....	Raleigh
Angela Yvette Saddler .....	Hickory
Amber Monique Terrase .....	Winston-Salem
Donna Louise Wilson .....	Barnardsville

### *Degrees To Be Conferred December 18, 1991*

Sally Hollis Allen .....	Reidsville
Michael Troy Coates .....	Garner
Amy Lynn Cowles .....	Charlotte
Traci Jean Fite .....	Greensboro
Cindy Jo Frederick .....	Mt. Olive
Michael Christopher Harrison .....	Raleigh
Sandra Kay Holmes .....	Raleigh
Carol Kathleen Horltd .....	Valdese
Peggy Huang .....	Cary
Robert Patrick Jackson .....	Kinston
Teresa Ann James .....	Cary
Constance Norie Jenkins .....	Robersonville
Darren Houston Jones .....	Apex
*Regina Denise Madison .....	Washington, DC
Sharon Denise Manning .....	Emporia, VA
Rebecca Bunker McKee .....	Clinton
Wendy Mae Oakes .....	Roanoke, VA
Mamie Rachel Oldham .....	Vass
Kanawha Perry .....	Spring Hope
Carol Marie Reed .....	Mount Olive
Melissa Ruth Staub .....	Raleigh
Dana Lynne Willis .....	Raleigh

## BACHELOR OF ARTS IN SPANISH LANGUAGE AND LITERATURE

### *Degrees To Be Conferred December 18, 1991*

***Alisa Chandler Harris .....	Atlanta, GA
†Heather Anne Huiskamp .....	Rock Island, IL
†Laura Ann Petrie .....	Wappingers Falls, Ny

## BACHELOR OF SOCIAL WORK

### *Degrees Conferred June 25, 1991*

Williarenia Moniet Bratts .....	Plymouth
Donise Terrell Brown .....	Raleigh

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

John Weston Caldwell .....	Raleigh
***Barbara Ann Crowe .....	Raleigh
Kelly Jo Harrell .....	Raleigh
Tammy Hopkins Lindsay .....	Raleigh
Sunya Lee Stevens .....	Lumberton
***Martha Buie Tyson .....	Cary

***Degrees Conferred August 6, 1991***

***Mary Kathryn Jarrett .....	Kenly
Tonji Laidler Stang .....	Greensboro

***Degrees To Be Conferred December 18, 1991***

Kay Lynn Baker .....	Rocky Mount
*Frances Bankster Ebeling .....	New Orleans, LA
Emily Marie Garner .....	Elizabethtown
Gina Ann Harris .....	Raleigh
Jada Louise Lamb .....	Fayetteville
Kristen Alma Lorren .....	Raleigh
†Kellee Debra McClamrock .....	Raleigh
Christine Love Perrou .....	Burlington
Tia LaVerne Petty .....	Raleigh
Betsy Elaine Smith .....	Raleigh
Michele Elaine Stewart .....	Gastonia

# College of Physical and Mathematical Sciences



## BACHELOR OF ARTS IN CHEMISTRY

***Degrees Conferred June 25, 1991***

Paul Derrick Kirby .....	Durham
***Thomas Edward Lafeber .....	Hendersonville
Ralph Andrew Sterlen, Jr. ....	Morehead City

***Degrees Conferred August 6, 1991***

Graham Cashwell Donaldson .....	Derwood, MD
†Courtney Susanne Hanks .....	Raleigh

***Degrees To Be Conferred December 18, 1991***

†Jacquelyn Michele Alton .....	New Bern
†Sheila Elaine Britt .....	Biscoe
Andrea Nevone Carter .....	Martinsville, VA.

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

†Robert Todd Crook .....	Kernersville
***Franklin Leroy Huggins III .....	Cary
Donna Earnice Jones .....	Wilson
†Donna Kay Knight .....	Raleigh
*Minh Van Lam .....	VIETNAM
Phuong Thi Nguyen .....	Raleigh
†Judy Marie Richardson .....	Roanoke, VA
†Jonathan Daniel Shoffner .....	Greensboro
Letitia Rochelle Strowbridge .....	Goldsboro
†Teresa Lynn Warlick .....	Lawndale

## BACHELOR OF SCIENCE IN CHEMISTRY

### *Degrees To Be Conferred December 18, 1991*

Alison Wrenn Beal .....	Raleigh
†Brent Thomas Eishen .....	Sanford
***Kendall Joseph Jones .....	Henderson
John Dennis Lennon III .....	Leland
Tamara Renae Moore .....	Tabb, VA

## BACHELOR OF ARTS IN GEOLOGY

### *Degree Conferred August 6, 1991*

Keith Anthony Sturgeon .....	Jacksonville
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## BACHELOR OF SCIENCE IN GEOLOGY

### *Degree Conferred August 6, 1991*

Kenneth Garrett Moss .....	Newton
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## BACHELOR OF SCIENCE IN MATHEMATICS

### *Degrees Conferred August 6, 1991*

Walter James Bryant .....	Kinston
Grant Andrew Kyle .....	Raleigh
Cynthia Ann Whitmire .....	Rosman

### *Degrees To Be Conferred December 18, 1991*

Marya Lynette Alston .....	Siler City
Benjamin Whitehill Burris .....	Chapel Hill
Amy Hester Duggins .....	Walkertown
***Adam Guy Fitzgerald .....	Rayleigh, ESSEX, ENGLAND
*Gina Marie Giri .....	Fairfax, VA
**Shannon Elisa Grebner .....	Charlotte
†Kathy Gale Kannenberg .....	Fayetteville
Stephanie Lynn Lambert .....	Grafton, WV
Joseph William Leffingwell .....	Sacramento, CA
*Michael Anthony Mendenhall .....	Germantown
***Wendy Faye Seiferheld .....	Cary
Eric Mara Speight .....	Walstonburg
Richard Egon Tatem .....	Concord
William Frederick Yerkes .....	Bel Air, MD

## BACHELOR OF SCIENCE IN METEOROLOGY

### *Degrees Conferred June 25, 1991*

*Johnny Duane Gatlin .....	Asheboro
Cary Douglas Gentry .....	Lumberton

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

Thomas Bradford Stanley ..... Salem, AR  
 Jill Annette Webster ..... Apex  
 Jon Mark Yoder ..... Landis

**BACHELOR OF SCIENCE IN PHYSICS**

*Degree Conferred August 6, 1991*

Chao Jun Tse ..... Asheville

*Degrees To Be Conferred December 18, 1991*

Christopher Frederick Enterline ..... Jacksonville  
 Jeffrey Sean McRae ..... Raleigh  
 Earl Richardson Shannon, Jr. .... Fayetteville  
 †Samuel Ramon Wheeler ..... Canton

**BACHELOR OF SCIENCE IN STATISTICS**

*Degree Conferred June 25, 1991*

Sonari Ashit Shah ..... Jersey City, NJ

*Degrees To Be Conferred December 18, 1991*

Richard Wade Farris, Jr. .... Decatur, AL  
 Robert Wayne Lawrence, Jr. .... Otway  
 Stacey Jeanine Smith ..... Hampstead  
 Leo Guy Taylor ..... Sanford

**College of Textiles**



**BACHELOR OF SCIENCE IN TEXTILE ENGINEERING**

*Degree To Be Conferred December 18, 1991*

Lloyd Burton Bruce ..... Cary

**BACHELOR OF SCIENCE IN TEXTILE AND APPAREL MANAGEMENT**

*Degrees To Be Conferred December 18, 1991*

Jon Matthew Campos ..... Jacksonville  
 Deidra Anne Chance ..... Albemarle  
 Allan Brian Cheek ..... High Point  
 Keith Morrison Dixon ..... Winston-Salem  
 \*\*Stephanie Jo Griffin ..... Rural Hall  
 Michele Diane Groce ..... Maiden  
 Heather Renae Grogan ..... Reidsville  
 Jennifer McDaniel Gwynn ..... Henderson  
 James Lee Hall, Jr. .... Jacksonville

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

James J. Henley, Jr. ....	Foley, AL
James Michael Huggins .....	Hickory
*Clark Lee Johnson .....	Henderson
Cynthia Ann Johnson .....	Greensboro
Brian Paul Millen .....	Dunn
Patrick Brian Palmer .....	Rockledge, FL
Stephen Robert Pratola .....	Verona, NJ
*Randall Edward Russell .....	Thomasville
Kathleen Patricia Spachman .....	Hendersonville
Joseph William Lineberger Stanley .....	Charlotte
***Jerry Wayne Vest .....	West End

### BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

#### *Degrees Conferred June 25, 1991*

Gregory Keith Hall .....	Greensboro
Regina Nichelle Jenkins .....	Wilmington
Tina Lynn Woodard .....	Garner

#### *Degree Conferred August 6, 1991*

Daniel Albert Jacumin .....	Shelby
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#### *Degrees To Be Conferred December 18, 1991*

Steven Kelly Glosson .....	Graham
†David Stephens Klutz .....	Mebane
Lawrence Roy Lichvar .....	Mt. Airy
*Carole Diane Lunberg .....	Garner
Jason Craig Napier .....	Winston-Salem
H†*Nelda Renee Pearsall .....	Garner
Michael Fred Reaves .....	Garner

### BACHELOR OF SCIENCE IN TEXTILE SCIENCE

#### *Degree Conferred August 6, 1991*

Frederick Mark Stone .....	Salisbury
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### BACHELOR OF SCIENCE IN TEXTILES

#### *Degrees Conferred June 25, 1991*

Christopher Steven Abell .....	Charlotte
Robert Justin Adams .....	Raleigh

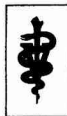
#### *Degrees To Be Conferred December 18, 1991*

Sandra Gail Brady .....	Raleigh
Melissa Leigh Carrick .....	High Point
Elizabeth Howell Guvernator .....	Richmond, VA
Kimberly Ann Loncar .....	Charlotte
Monica Lolita Strahl .....	Raleigh
Lily Tu .....	New City, NY
Kevin Wayne Ward .....	Burlington
Teresa Lynne Williams .....	Summerfield
Joan Margaret Zohorsky .....	Charlotte

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



# SCHOOL OF VETERINARY MEDICINE



## DOCTOR OF VETERINARY MEDICINE

### *Degrees Conferred June 25, 1991*

Bruce Eric Akers ..... Raleigh  
James Bradley Knowles ..... Charlotte

### *Degree Conferred August 6, 1991*

Fred Faragalla ..... Raleigh

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

# GRADUATE DEGREES

## Master's Degrees



### MASTER OF AGRICULTURE

#### *Degrees Awarded August 6, 1991*

Tony Asbury McGaha .....	Waynesville
William Preston Scruggs .....	Williamsburg, VA
Zu-Wen Sun .....	Taichung, Taiwan, Republic of China

#### *Candidate for Degree December 18, 1991*

Ibrahim Hammad Raphiou .....	Niamez, Nigeria
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### MASTER OF ARCHITECTURE

#### *Degrees Awarded August 6, 1991*

Azad Atashi .....	Tehran, Iran
Reinaldo Julio Borges .....	Raleigh

#### *Candidates for Degree December 18, 1991*

Shelley Sanders Foley .....	Raleigh
Amy Casey Iatridis .....	Raleigh
Jay Charles Reinert .....	Cherry Hill, NJ

### MASTER OF BIOMATHEMATICS

#### *Degree Awarded August 6, 1991*

Patricia Luann Phillips .....	Sidney, AR
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#### *Candidate for Degree December 18, 1991*

John Thomas Finnegan .....	Ionia, IA
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### MASTER OF CHEMICAL ENGINEERING

#### *Degree Awarded August 6, 1991*

Paolo Lodrini .....	Ravenna, Italy
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### MASTER OF CIVIL ENGINEERING

#### *Degrees Awarded August 6, 1991*

Lisa Michelle Routh .....	Greensboro
Matthew James Scolforo .....	The Plains, VA
David Frederick Weymann .....	LaCanada, CA
Eliza Jane Whitman .....	Tallahassee, FL

*Candidates for Degree December 18, 1991*

Timothy Edward Cook .....	Franklin
Wayne Leon Ellenberger .....	Springfield, MO
Rodney Neal Hutcherson .....	Raleigh
Charles Astor Johnson III .....	Nashville
Michael Jerry Kennon .....	Raleigh
William Luckey Moore III .....	Cary
Chih-Ta Yu .....	Taipei, Taiwan, Republic of China

**MASTER OF COMPUTER SCIENCE**

*Candidate for Degree December 18, 1991*

*Major Singh .....	Kota, India
--------------------	-------------

**MASTER OF ECONOMICS**

*Degrees Awarded August 6, 1991*

Mark Daniel Jackson .....	Sanford
Jinsoo Kim .....	Seoul, Korea
Chin-Shih Lu .....	Taipei, Taiwan, Republic of China
Julius Arnette Wright .....	Raleigh

*Candidates for Degree December 18, 1991*

Diana Lane Ferrell .....	Raleigh
Caroline Zhaller Nelson .....	Des Moines, IA
John Joseph Zyren .....	Raleigh

**MASTER OF EDUCATION**

**Adult and Community College Education**

*Degrees Awarded August 6, 1991*

Jeong Min Kim .....	Seoul, Korea
Claude Merrion Odom .....	Ahoskie
Janice Raye Stuart .....	Fayetteville

**Agricultural Education**

*Candidates for Degree December 18, 1991*

Herman Edward Croom .....	Pikeville
Danny Charles Greene .....	Cerro Gordo

**Curriculum and Instruction**

*Degrees Awarded August 6, 1991*

Joni Wischhusen Amerson .....	Reading, PA
Hilda Dawn Randolph .....	Raleigh
Youngji Seo .....	Seoul, Korea
Marianne Connelie Williams .....	Raleigh

*Candidates for Degree December 18, 1991*

Debbie Caudill Allen .....	Apex
Paul Kennie Eli Garner .....	Wilmington
Dale Morey Stevens .....	Milwaukee, WI

\*Co-major in Operations Research. See page 46.

## Guidance and Personnel Services

### *Degree Awarded August 6, 1991*

Deborah Elyse Blocker ..... Washington, DC

### *Candidates for Degree December 18, 1991*

Carolyn Lynne Coley ..... Raleigh  
Cheryl Susan Smith ..... Cary  
Donald Dwane Wynne ..... Raleigh

## Health Occupations Teacher Education

### *Degree Awarded August 6, 1991*

April Chamblee Privette ..... Louisburg

### *Candidates for Degree December 18, 1991*

Pamela Brower Horton ..... Raleigh  
Katherine Lee Stephenson ..... Selma

## Higher Education Administration

### *Candidate for Degree December 18, 1991*

Anne Elizabeth Thurston ..... Raleigh

## Mathematics Education

### *Degrees Awarded August 6, 1991*

Deborah Ann Korth ..... Raleigh  
Christopher Michael Poisella ..... Monroe, NY

## Middle Grades Education

### *Candidate for Degree December 18, 1991*

John Wavley Sadler, Jr. .... Oxford

## Science Education

### *Degrees Awarded August 6, 1991*

Melissa Cole ..... Winston-Salem  
Constance Lynn DeStephens ..... Toledo, OH

## Special Education

### *Degrees Awarded August 6, 1991*

Nevine Aly Elsheikh ..... Alexandria, Egypt  
Ronda Akonka Harding ..... Fayetteville  
Veronique Anne Marie Koenig ..... Greensboro  
Rebecca Davenport Toole ..... Raleigh  
Lesley Anne Hill White ..... Raleigh

### *Candidates for Degree December 18, 1991*

Rebecca Anne Evans ..... Maryville, MD  
Amy Lane Gaddy ..... Raleigh  
Amanda Robinson Townsend ..... Raleigh

## Training and Development

### *Candidates for Degree December 18, 1991*

Susan Krause Button .....	Liberty, PA
Will Grossman .....	Durham
Susan Cole Ray .....	Youngsville
Jeannette Moss Vass .....	Lynchburg, VA
Linda Mariah Wheeler .....	Longview, WA

## MASTER OF ENGINEERING

### *Degrees Awarded August 6, 1991*

Michael Raymond Peck .....	Asheville
John Frank Rabena .....	Ellicott City, MD

### *Candidates for Degree December 18, 1991*

Mohd Radwan Al-Tarabichi .....	Raleigh
Thomas Martin Becker .....	Fletcher
Craig Steven Davis .....	Greensboro
Arthur Louis Lanni .....	Hickory
Michael David Poliszuk .....	New Bern
Leanna Eutsler Radford .....	Havelock
Mary Laiying Stromitis .....	San Diego, CA
Robby Morton Taylor .....	New Bern

## MASTER OF INTEGRATED MANUFACTURING SYSTEMS ENGINEERING

### *Degrees Awarded August 6, 1991*

Cynthia Price Anfindsen .....	Cary
John Joseph Bianchi .....	Amsterdam, NY
Gregory William Dominick .....	Charlotte
Yogendra Kumar Pathak .....	Richardson, TX
Jun Wang .....	Kaifeng, People's Republic of China

### *Candidates for Degree December 18, 1991*

Jharmal Singh Bhangoo .....	Chandigarh, India
Robert Keith Daniel .....	Rocky Mount
Sandeep Sharad Dikshit .....	Pune, India
Arun John Masilamani .....	Madras, India
Steven Alva Seiden .....	Rockville, MD
Sarabjit Singh Sidhu .....	Sidhwan Dona, India
William Larry Vaught .....	Greensboro
Lan Wang .....	Nanjing, People's Republic of China

## MASTER OF LANDSCAPE ARCHITECTURE

### *Degrees Awarded August 6, 1991*

Mark Spencer Crosby .....	West Jordan, UT
Karen Denise Hogsten .....	Annapolis, MD

### *Candidates for Degree December 18, 1991*

Levonda Parker Caldwell .....	Pittsboro
Benjamin Hearin Long .....	Fuquay-Varina
Richard Arthur Nootbaar .....	Charlottesville, VA
Charles Dewey Robinson, Jr. ....	Burlington
Salamacha Arkadi .....	Newark, NJ
Benjamin Bingham Smedberg .....	Burlington
Nancy Mason White .....	Cary

## MASTER OF LIFE SCIENCES

### *Candidates for Degree December 18, 1991*

Charnette Maria Huggins .....	Wilmington
Timothy Edward Moore .....	Charlotte
Benjamin Haas Simon .....	Baton Route, LA
Raymond Gregory Starrett .....	Raleigh
Randall Lee Young .....	Lincoln, NE

## MASTER OF MECHANICAL ENGINEERING

### *Degree Awarded August 6, 1991*

Glen Arthur MacMillan .....	Wilmington
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## MASTER OF NUCLEAR ENGINEERING

### *Degree Awarded August 6, 1991*

Sven Oliver Bader .....	Zofingen, Switzerland
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### *Candidate for Degree December 18, 1991*

John Michael Sawyer, Jr. ....	Durham
-------------------------------	--------

## MASTER OF OPERATIONS RESEARCH

### *Candidate for Degree December 18, 1991*

*Major Singh .....	Kota, India
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## MASTER OF PRODUCT DESIGN

### *Degrees Awarded August 6, 1991*

James Francis Allman .....	Havelock
James Edward Heins, Jr. ....	Raleigh
Alexander Cox Mackenzie .....	Charlotte
Linda Joanne Simonin .....	Canonsburg, PA
Georgia Mattis Springer .....	Raleigh
Barbara Wiedemann .....	Troy, MI

### *Candidates for Degree December 18, 1991*

Percy Rivera Hooper, Jr. ....	Winston-Salem
Evelyn Franklin Kemble .....	Clarksville, TN
Brian Hargrove Leonard .....	Bahama
Carol Lynn Nix .....	Canton
I-Ping Shih .....	Taipei, Taiwan, Republic of China
Anna Adele Taylor .....	Raleigh

## MASTER OF PUBLIC AFFAIRS

### *Degrees Awarded August 6, 1991*

Matthew Glenn Eakin .....	Greenville
Jimmy Brooks Person .....	Fayetteville
Phyllis Denise Underwood .....	Newton Grove

### *Candidates for Degree December 18, 1991*

Michael Alan Allway .....	Four Oaks
Harriett Ann Coleman Edwards .....	Wake Forest
Marilyn Anne Egan .....	Raleigh
Curtis Lee Ellis .....	Raleigh

\*Co-major in Computer Science. See page 43.

Sandy Carter Pearce .....	Raleigh
Julian Spencer White .....	Asheville

## MASTER OF RECREATION RESOURCES ADMINISTRATION

### *Degrees Awarded August 6, 1991*

Natalie Lauren Jones .....	Greenville, SC
Vera Lane Worthington .....	Garner

### *Candidates for Degree December 18, 1991*

Thomas Alan Carroll .....	Garner
Trent Barton Emmons .....	Corinth, MS
James Ray Poag, Jr. ....	Dalton, GA

## MASTER OF STATISTICS

### *Candidates for Degree December 18, 1991*

Melinda Satterwhite Burt .....	Butner
Robert Leigh James .....	Bloomfield, NJ
John Thomas Jones .....	Stow, OH
Elizabeth Ann Shaw .....	Rochester, NY

## MASTER OF TEXTILES

### *Degrees Awarded August 6, 1991*

Mohammed Nasir Bandukda .....	Karachi, Pakistan
Hsin-Chieh Chou .....	Taipei, Taiwan, Republic of China
Hassan Fathalizadeh .....	Raleigh

### *Candidates for Degree December 18, 1991*

Charles Woody Duckett .....	Kernersville
Bo-Chy Joseph Wang .....	Taichung, Taiwan, Republic of China

# Master of Arts Degrees

## Archival Management

### *Degree Awarded August 6, 1991*

Lisa Carole Long .....	Winston-Salem
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### *Candidates for Degree December 18, 1991*

Anna Katherine Coggins-Tuttle .....	Raleigh
Paul David Peterson, Jr. ....	Rockingham
Patricia Anne Sullivan .....	Raleigh

## English

### *Degrees Awarded August 6, 1991*

Christopher Hill Miller .....	Southern Pines
Barry Lyman Thatcher .....	Rexburg, ID
Janet Marciel Whyde .....	Needville, TX
Michelle Janet Wolkomir .....	Bethel Park, PA

### *Candidates for Degree December 18, 1991*

Phillip Ray Annas .....	Wake Forest
Bryan Wayne Bott .....	Tempe, AZ
Mark Elliott Brumley .....	Asheboro

Elizabeth Lynn Gordon .....	Lansing, MI
Lisa Cameron Rosen .....	Raleigh

## History

### *Degrees Awarded August 6, 1991*

Christa Elbert Howerton .....	Clayton
Paul Anthony Pesavento .....	Lockport, IL

## Liberal Studies

### *Degrees Awarded August 6, 1991*

Neil Craven Caudle .....	Hillsborough
Sylvia Florence O'Connor .....	Baltimore, MD
Patricia Waters Schmidt .....	Cary

### *Candidate for Degree December 18, 1991*

Jonathan Nelson Badger .....	Greenville, SC
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## Political Science

### *Candidate for Degree December 18, 1991*

Thomas Wayne Wallace, Jr. ....	Sarasota, FL
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# Master of Science Degrees

## Adult and Community College Education

### *Degree Awarded August 6, 1991*

Hyunyoung Kim .....	Seoul, Korea
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### *Candidate for Degree December 18, 1991*

Xiaoyun Yang .....	Nanjing, People's Republic of China
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## Aerospace Engineering

### *Degrees Awarded August 6, 1991*

Genevieve Anne Dellinger .....	Crouse
John Wyman Hairr .....	Stedman
Robert Bruce Irvine .....	Delmar, NY
Douglas Leonard Keiffer .....	Hoffman Estates, IL

### *Candidate for Degree December 18, 1991*

Muhammet Cumhur Selek .....	Istanbul, Turkey
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## Biological and Agricultural Engineering

### *Candidates for Degree December 18, 1991*

Garth Douglas Somerville .....	Chevy Chase, MD
Keith Gilbert Tinsey .....	Port Austin, MI

## Biomathematics

### *Degree Awarded August 6, 1991*

Gretchen Marcucci .....	Guayama, Puerto Rico
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## Chemical Engineering

### *Degree Awarded August 6, 1991*

Ronald Leroy Mickelsen ..... Dubuque, IA

### *Candidates for Degree December 18, 1991*

Laurent Choquenot ..... Chauny, France  
Alan Thomas Perka ..... Pittsburgh, PA

## Chemistry

### *Degree Awarded August 6, 1991*

Gewon Chung ..... Seoul, Korea

### *Candidates for Degree December 18, 1991*

Roderick Gerald Davis ..... Dudley  
Ma. Lillian San Pedro Madamba ..... Laguna, Philippines

## Civil Engineering

### *Degrees Awarded August 6, 1991*

Caroline Sokalski Byrd ..... Southfield, MI  
Joseph William Dombi ..... Toledo, OH  
Rakesh Kumar Garg ..... Pondicherry, India  
Amit Sinha ..... New Delhi, India

### *Candidates for Degree December 18, 1991*

Satrajit Das ..... Calcutta, India  
Matthew Day Foster ..... Cary  
Pawan Maini ..... Chandigarh, India  
Phillip Ashley Morrison ..... Midland

## Computer Engineering

### *Degrees Awarded August 6, 1991*

Sanjay Arora ..... New Delhi, India  
Douglas Evans Butler ..... Lusby, MD  
Anil Kishinchan Chandiramani ..... El Toro, CA  
Sekhar Darbha ..... Amalapuram, India  
Shaiki Ahmad Elssaad ..... Raleigh  
Gholam Reza Gooshvar ..... Dezful, Iran  
Bruce Robert Ingersoll ..... Cary  
Arpit Maruti Joshipura ..... Ahmedabad, India  
\*\*Fernando Carlos Killian ..... Buenos Aires, Argentina  
Percy Minoos Master ..... Bombay, India  
Michael Edward Mayo ..... Raleigh  
Matthew Stickles Melton ..... Morganton  
Elizabeth Harris Owen ..... Durham  
Mohammad Abdul Qadir ..... Karachi, Pakistan  
Ramakrishnan Rajamony ..... Trivandrum, India

### *Candidates for Degree December 18, 1991*

Randall Craig Buckland ..... Raleigh  
Lianyong Cao ..... Shenyang, People's Republic of China  
Samuel Hsiun Chen ..... Raleigh  
Anthony Joseph Cinalli ..... Fairmont, WV  
\*\*\*Aysegül Göçmen ..... Ankara, Turkey  
Gregory Allen Jenkins ..... Raleigh

\*\*Co-major in Computer Science. See page 50.

\*\*\*Co-major in Operations Research. See page 54.

Bongtae Kim .....	Seoul, Korea
Douglas Alan Kline .....	Constantine, MI
Sha Ma .....	Raleigh
Robert Peter Noble .....	Egg Harbor, NJ
Thomas Eugene Potok .....	Cary
Carl Eric Presley .....	Durham
Deepa Hasanan Rangwani .....	Udaipur, India
David Paul Wisler .....	Anderson, SC

## Computer Science

### *Degrees Awarded August 6, 1991*

Dana Scott Borger .....	Franklin, PA
Gary Steven Domrow .....	Fort Wayne, IN
Jeffrey Kenneth Downey .....	Amherst, NY
Gerry Vernon Dozier .....	Champaign, IL
**Fernando Carlos Killian .....	Buenos Aires, Argentina
William Jerial Lawing, Jr. ....	Hickory
Chia-Hui Yang .....	Keelung, Taiwan, Republic of China

### *Candidates for Degree December 18, 1991*

Kevin Andrew Clark .....	New York, NY
Lorraine Kathryn D'Azzo Cooper .....	Raleigh
Tagrul Dayar .....	Izmir, Turkey
Zeynep Saltha Gürses .....	Istanbul, Turkey
Richard Lee Klevans .....	Elkton, MD
Chih-Ru Lin .....	Sanchung, Taiwan, Republic of China
Lethia Sweeney Mebane .....	Greensboro
Phillip Webb Morrison .....	Raleigh
Koichi Nagaishi .....	Hyogo, Japan
Muthukrish Paramasivam .....	Madras, India
Banks Ashby Peacock .....	Goldsboro
Ramesh Rajagopal .....	Madras, India

## Crop Science

### *Degrees Awarded August 6, 1991*

Jeffrey Alan Hinen .....	Columbia City, IN
Wendy Ann Nichols .....	Knoxville, TN
Kimberly Allan Taylor .....	Raleigh

### *Candidates for Degree December 18, 1991*

Keerthi Hettiarachchi .....	Hingula, Sri Lanka
Megan Helene Mehaffey .....	Eberfeld, IN

## Electrical Engineering

### *Degrees Awarded August 6, 1991*

Dewey Edwin Cochran .....	Waynesville
Mustafa Ulvi Erdogan .....	Istanbul, Turkey
Vijay Krishnan Ganesan .....	Raleigh
Steven Anthony Harbin .....	Augusta, GA
Scott David Huss .....	Hickory
Daniel William John Johnson .....	Fort Dodge, IA
Sunny Kumtim Lo .....	New York City, NY
Kimberli Ileen Martin .....	Brevard
Alamelu Ramesh .....	Madras, India
Anhil Kumar Simlot .....	Raleigh
Jerry Scott Simmons .....	Winston-Salem
John Espenshade Titus .....	Raleigh

\*\*Co-major in Computer Engineering. See page 49.

**Candidates for Degree December 18, 1991**

Janardhanan S. Ajit .....	Trivandrum, India
Timur Huseyin Balkas .....	Ankara, Turkey
Karim Samy Boutros .....	Alexandria, Egypt
Carlos Enrique Farrington .....	Guatemala, Guatemala
Stanley Mitchell Hooper .....	Rockingham
Vaidyanath Mani .....	Raleigh
Song Chin Pak .....	Seoul, Korea
Clifton Cary Powers .....	Raleigh
Ali Soheil Sadri .....	Raleigh
Camil Farah Samaha .....	Raleigh
Richard Luther Shirer .....	Elloree, SC
Katherine Elizabeth Violette .....	Raleigh
Dawei Wang .....	Shanghai, People's Republic of China
Sui Oi Yee .....	Calgary, Alberta, Canada

**Entomology**

**Degrees Awarded August 6, 1991**

Robin Lynn Goodson .....	Black Mountain
Robert Leigh James .....	Durham

**Food Science**

**Candidates for Degree December 18, 1991**

Leola Kemaar Henry .....	Hartford, CT
Janelle Rue Howe .....	Lincoln, NB
William Erik Karas .....	Smyrna, GA
Tina Viola Lorenzo .....	Raleigh

**Forestry**

**Degrees Awarded August 6, 1991**

Chang-Ho Lee .....	Seoul, Korea
James David Porterfield II .....	Raleigh

**Candidates for Degree December 18, 1991**

Anne Margaret Hughes Braham .....	Raleigh
Matthew James Grant .....	Melbourne, Australia
Ronald Joseph Myers, Jr. ....	Marcus Hook, PA
William Ryan Nethery .....	New Orleans, LA
Alan David Reid .....	Raleigh
Rebecca Robertson Rideout .....	Old Fort
Joselito Ibañez Rosario .....	San Juan, Philippines
Mauro Efraim Salazar .....	Guatemala, Guatemala
Jing Wang .....	Guangdong, People's Republic of China

**Guidance and Personnel Services**

**Candidate for Degree December 18, 1991**

John Grant Sparks .....	Gastonia
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**Horticultural Science**

**Degree Awarded August 6, 1991**

James Freeman Brewer .....	Greensboro
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**Candidate for Degree December 18, 1991**

Lena Burch Gallitano .....	Chapel Hill
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## Industrial Engineering

### *Degrees Awarded August 6, 1991*

Mohamad Elsayed Afify .....	Raleigh
Sanjeev Satyapal Chopra .....	Bombay, India
David Christopher Del Vecchio .....	Centreville, VA
Christopher Anthony Dockery .....	Asheville
Lisa Ann Joyner .....	Southern Pines
Ramadurai Seshadri .....	Madras, India
Keith Brooklyn Stevens, Jr. ....	Cary

### *Candidates for Degree December 18, 1991*

**** Joseph Michael Bianco .....	Killeen, TX
Gregory Alan Deabler .....	Concord
Sanjay Ramesh Desai .....	Ahmedabad, India
Ido Gandamana .....	Jakarta, Indonesia
Gudmundur Gudmundsson .....	Reykjavik, Iceland
Thomas Colon Hall, Jr. ....	Godwin
Christopher Michael Peters .....	Farmington, ME

## Management

### *Degrees Awarded August 6, 1991*

Dudley Burgess Brickhouse .....	Sanford
Eric David Schoenborn .....	Rocky Mount

### *Candidates for Degree December 18, 1991*

Edwin Robert Chapman II .....	Polkton
Yaling Chen .....	Changhua, Taiwan, Republic of China
Dibbe Anne Edwards .....	Florence, SC
Karen Denise Feezor .....	Salisbury
Louis David Hunt, Jr. ....	Greensboro
James Sugg McLawhorn .....	Raleigh
Max Herbert Mitchell .....	Fayetteville
Prabir Kumar Saha .....	Calcutta, India
Tracy Alan Shagnea .....	Lake Orin, MI
Thomas Michael Tighe .....	Raleigh

## Marine, Earth and Atmospheric Sciences

### *Degrees Awarded August 6, 1991*

James Thomas Anderson .....	LaGrange
James Edward Hammett, Jr. ....	Greenville, SC
David Ray Musick .....	Cincinnati, OH

### *Candidates for Degree December 18, 1991*

Neeraja Reddy Chanumalla .....	Hyderabad, India
Charles Reid Nichols .....	Raleigh
Shawn Jon Roselle .....	Hays
Orbita Roswintiarti .....	Jakarta, Indonesia
Terrence Raymond Schaff .....	Great Falls, VA

## Materials Science and Engineering

### *Degree Awarded August 6, 1991*

Yu-Cheng Wang .....	Shanghai, People's Republic of China
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\*\*\*\*Co-major in Operations Research. See page 54.

*Candidates for Degree December 18, 1991*

Husam Niman Al-Shareef .....	Hebron, Jordan
Bret P. Chen .....	Oak Ridge, TN
Anand Vasudev .....	San Jose, CA

**Mathematics**

*Candidates for Degree December 18, 1991*

Matthew Franklin Hudock .....	Norristown, PA
Hok Kim .....	Seoul, Korea
Walter Cyrus McCarter .....	Pompton Plains, NJ

**Mathematics (Applied)**

*Degrees Awarded August 6, 1991*

Jerry Joseph Batzel .....	Miami, FL
Michele Benzi .....	Bologna, Italy
Richard Ryman Hawkins .....	Richmond, VA
Susan House Young .....	Raleigh

*Candidates for Degree December 18, 1991*

Muhyuan Chang .....	Taipei, Taiwan, Republic of China
Wendy Noel Greene .....	Raleigh
Dorothy Gayla Pait .....	Cary
Michael Curtis Smith .....	Raleigh
Deborah Christine Moroz Vallin .....	Middleton, OH

**Mechanical Engineering**

*Degrees Awarded August 6, 1991*

Jonathan Yost Allgood .....	Concord
Paul Charles Gerton .....	Orange, CA
Brian Lee Johaneck .....	Charlotte
Michele Helene Miller .....	Dayton, OH
Mark Duane Smith .....	Raleigh
Gregory Nathaniel Washington .....	Raleigh

*Candidates for Degree December 18, 1991*

Jeffrey Alan Abler .....	Knoxville, TN
Syed Khawaja Ahmeduddin .....	Karachi, Pakistan
Gregory George Bishop .....	Pocomoke, MD
Mark Jonathan Fordham .....	Durham
Robert Frederick Gansman .....	Charlotte
Charles Franklin Helms, Jr. ....	Monroe
Nancy Ann Nimmo .....	Hampton, VA
Shou-Cheng Wu .....	Taipei, Taiwan, Republic of China

**Microbiology**

*Degree Awarded August 6, 1991*

Joann Patricia Gaughran .....	Woodbridge, NJ
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*Candidate for Degree December 18, 1991*

Chioma Rosanna Ekechukwu .....	Charlotte
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**Nuclear Engineering**

*Degree Awarded August 6, 1991*

Jonathan Raby DeWitt Earnhart .....	Wilmington
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*Candidate for Degree December 18, 1991*

Lon E. Paulson ..... Hutchinson, KS

**Nutrition**

*Candidate for Degree December 18, 1991*

Mark John Bertram ..... California, KY

**Operations Research**

*Degree Awarded August 6, 1991*

Eva Kathryn Korschun Simmons ..... Goldsboro

*Candidates for Degree December 18, 1991*

\*\*\*\*Joseph Michael Blanco ..... Killeen, TX

\*\*\*Aysegül Göemen ..... Ankara, Turkey

David Andrew Hurchalla ..... Detroit, MI

**Physics**

*Degrees Awarded August 6, 1991*

Chiu-Yan Pang ..... Hong Kong

Gerard Ambrose Vavrina ..... Durham

*Candidates for Degree December 18, 1991*

John Charles Erwin ..... Arden

Brian Keith Gamble ..... Sumter, SC

**Physiology**

*Degree Awarded August 6, 1991*

Karen Elizabeth Lloyd ..... Cary

**Plant Pathology**

*Degrees Awarded August 6, 1991*

Jeffrey Andrew Rollins ..... Goldsboro

Naomi Fay Siu ..... Raleigh

**Psychology**

*Degrees Awarded August 6, 1991*

Janine Lynne Easley-Bowman ..... Wake Forest

Sandra Ann Kozar ..... Broadview, IL

*Candidates for Degree December 18, 1991*

Debra Jean Grantham Holden ..... Raleigh

Debra Ann Holt ..... Raleigh

Julie Ann Jacobs ..... Raleigh

Susan Elizabeth Smith-Scott ..... Cary

**Recreation Resources Administration**

*Degrees Awarded August 6, 1991*

Laura Elizabeth Braden ..... Pensacola, FL

\*\*\*Co-major in Computer Engineering. See page 49.

\*\*\*\*Co-major in Industrial Engineering. See page 52.

Richard Brian Hanning ..... Raleigh  
Nancy Gard McGehee ..... Parkersburg, WV

**Candidates for Degree December 18, 1991**

Daphne Elizabeth Beck ..... Cooleemee  
Donna Roxanne Heath ..... Greensboro  
John Boyce Styron II ..... Charlotte

**Rural Sociology**

**Degrees Awarded August 6, 1991**

William Francis Danaher ..... Statesville  
Margaret Stiffler Prince ..... Raleigh

**Candidates for Degree December 18, 1991**

Shelia Ree Cotten ..... Fuquay-Varina  
Vincent John Roscigno ..... Bronx, NY

**Science Education**

**Candidate for Degree December 18, 1991**

Amy Norek Jones ..... Raleigh

**Soil Science**

**Degrees Awarded August 6, 1991**

Michael Joseph Kirchner ..... Aberdeen, MD  
Joachim Nurwakera ..... Bujumbura, Burundi

**Candidates for Degree December 18, 1991**

Michel André Beck ..... Oberwil, Switzerland  
Brett Jameson Grohsgal ..... Block Island, RI  
Eric Ralph Hansen ..... Wilmington, DE  
Mariëlle Henriette Hoefnagels ..... Sunnyvale, CA  
Michael Alan Jones ..... Crewe, VA  
Martin Ngueguim ..... Dschang, Cameroon  
John Paul Schmidt ..... Effingham, IL

**Technical Communication**

**Candidate for Degree December 18, 1991**

Joyce Kristen Lyon ..... Franklin, VA

**Textile Chemistry**

**Degree Awarded August 6, 1991**

Robert West Graham, Jr. ..... Mebane

**Candidates for Degree December 18, 1991**

David Carson Benson ..... Greensboro  
Janine Lynn Pedersen ..... Seattle, WA

**Textiles**

**Degrees Awarded August 6, 1991**

Esra Aksoy ..... Istanbul, Turkey  
Kimberly Sue Houchens ..... Rochester, MI  
Mohan Dajirao Pawar ..... Malegaon, India  
Christian Johannes Roedlich ..... Munich, Germany

**Candidates for Degree December 18, 1991**

Michael James Cato ..... Hillsborough  
Machfud ..... Bandung, Indonesia

**Toxicology**

**Degrees Awarded August 6, 1991**

Susan Camille Marie Gardner ..... Raleigh  
Vagdevi Srikrishna ..... Bangalore, India

**Candidates for Degree December 18, 1991**

Dana Paige Danger ..... Benson  
Chiayasit Maskasame ..... Khon Kaen, Thailand  
James Darren Stuart ..... Benson

**Veterinary Medical Sciences**

**Degrees Awarded August 6, 1991**

Neil Desmond Day ..... Calliope, Queensland, Australia  
Hilda Raye Holcombe ..... Monroe

**Candidate for Degree December 18, 1991**

Thomas Frederick George II ..... Clarksville, TN

**Wildlife Biology**

**Degree Awarded August 6, 1991**

Michael Ray Lusk ..... Wilmington

**Candidate for Degree December 18, 1991**

Charles Frederick Robinette ..... Cary

**Wood and Paper Science**

**Degrees Awarded August 6, 1991**

Fariborz Bayat-Makooi ..... Tehran, Iran  
(Degree granted posthumously)  
Ganapati Ramakrishn Bhat ..... Karnataka, India  
Minfang Fei ..... Shanghai, People's Republic of China

**Candidate for Degree December 18, 1991**

Umit Sinasi Sezgi ..... Bursa, Turkey

**Zoology**

**Degrees Awarded August 6, 1991**

Anne Sidlo Hellkamp ..... Raleigh  
Jean Marie Perry ..... Durham

**Candidates for Degree December 18, 1991**

Stephen Martin Hash ..... Winston-Salem  
Jing-Ming Liu ..... Guangzhou, People's Republic of China



# Doctor of Education Degrees

## *Degrees Awarded August, 1991*

Thomas Francis Daly III, Educational Administration and Supervision  
Grifton, North Carolina

**Dissertation:** An Analysis of the Effect of Regression toward the Mean on the Reported Gains for the North Carolina Summer School Program. (Under the direction of Raymond G. Taylor and Allan G. Glatthorn.)

Donnis Lynn Martin, Occupational Education  
Apex, North Carolina

**Dissertation:** Responses to Job Dissatisfaction among ASTD Members Employed in Higher Education: Impact of Exchange Variables on Exit, Voice, Loyalty and Neglect. (Under the direction of James L. Burrow and Gary E. Moore.)

Rita Ann Reavis Reaves, Occupational Education  
Greenville, North Carolina

**Dissertation:** The Effects of Writing-to-learn Activities on the Content Knowledge, Retention of Information and Attitudes toward Writing of Selected Vocational Agriculture Education Students. (Under the direction of Larry R. Jewell.)

John Andrew Sabella, Occupational Education  
Stokes, North Carolina

**Dissertation:** The Extent of International Dimensions within Undergraduate Agricultural Education Programs throughout the United States. (Under the direction of Joseph R. Clary and Barbara M. Kirby.)

## *Candidates for Degree December 18, 1991*

Lynn Kilpatrick Bradshaw, Educational Administration and Supervision  
Wilson, North Carolina

**Dissertation:** A Comparison Study of Quality Indicators among Traditionally and Alternatively Certified Teachers. (Under the direction of Allan A. Glatthorn and Bettye MacPhail-Wilcox.)

Sylvia Crudup, Occupational Education  
Franklinton, North Carolina

**Dissertation:** The Role of the Local Vocational Education Director in North Carolina. (Under the direction of Gary E. Moore and William J. Vander Wall.)

Mary Jane Richardson Gentry, Occupational Education  
Fayetteville, North Carolina

**Dissertation:** Promotional Patterns of Females and Males in Executive Administration Positions of North Carolina Community Colleges. (Under the direction of Larry R. Jewell.)

Leon Henderson, Occupational Education  
Hampton, Virginia

**Dissertation:** The Importance of Manufacturing Systems Engineering Topics as Perceived by Manufacturing Systems Engineering Graduates and Their Employers. (Under the direction of Edgar I. Farmer and Richard E. Peterson.)

Brenda Owen Johnston, Adult and Community College Education  
Raleigh, North Carolina

**Dissertation:** Time to Degree: Factors Contributing to the Length of Time Undergraduates Take to Earn Their Bachelor's Degree. (Under the direction of J. Conrad Glass, Jr.)

Russell Eugene Transbarger, Occupational Education  
Greensboro, North Carolina

**Dissertation:** The Impaired Nurse in North Carolina: Implications for Education and Practice. (Under the direction of Joseph R. Clary and Ruth M. Patterson.)

Eugene Michael Wittman, Adult and Community College Education  
Rochester, New York

**Dissertation:** Situational Factors Influencing Writing Apprehension in the Community College Composition Classroom. (Under the direction of Hanna A. Fingeret and Terrence A. Tollefson.)

## Doctor of Philosophy

### *Degrees Awarded August 6, 1991*

Bader Abid, Chemistry  
Karachi, Pakistan

**Dissertation:** Growth and Characterization of  $\text{CuIn}_{1-x}\text{Ga}_x\text{Se}_2$  and  $\text{CuInS}_{2.2y}$  Semiconductor Alloys and Evaluation of Their Electro-chemical Solar Cells in  $\text{I}_2/\text{I}^-$  electrolyte. (Under the direction of Klaus J. Bachmann.)

Nizar Shabib Abu-Jaber, Marine, Earth and Atmospheric Sciences  
Amman, Jordan

**Dissertation:** Vein Magnesite Deposits on Margarita Island, Venezuela. (Under the direction of Michael M. Kimberley.)

Ali Hassan Awni, Operations Research  
Cairo, Egypt

**Dissertation:** The Tool Switching Problem. (Under the direction of Yahya Fathi and Henry L. W. Nuttle.)

Foy McNeil Cheatwood, Aerospace Engineering  
Winston-Salem, North Carolina

**Dissertation:** An Approximate Viscous Shock Layer Technique for Calculating Chemically Reacting Hypersonic Flows about Blunt-nosed Bodies. (Under the direction of Fred R. DeJarnette.)

Hong-Wei Chen, Mathematics  
Xiangyin, People's Republic of China

**Dissertation:** Blow-up of Solutions for Nonlinear Parabolic Boundary Value Problems. (Under the direction of Chia-Ven Pao.)

John Brian Cheuvront, Psychology  
Chapel Hill, North Carolina

**Dissertation:** The Effects of Security Training on Secret Keeping by Army ROTC Cadets. (Under the direction of Katherine W. Klein.)

- Hsucheng Chiang, Mechanical Engineering  
Taichung, Taiwan, Republic of China  
**Dissertation:** Numerical Analyses of Interacting Spheres and Vaporizing Droplets. (Under the direction of Clement Kleinstreuer.)
- Chang Sik Choi, Electrical Engineering  
Seoul, Korea  
**Dissertation:** Low Pressure Chemical Vapor Deposition TiB<sub>2</sub> for ULSI Applications. (Under the direction of Carlton M. Osburn and Gary A. Ruggles.)
- Grace Victoria Chomo, Economics  
Weaverville, California  
**Dissertation:** Analysis of Trade Flow Response to Changes in Exchange Rates and Trade Barriers: The Case of U. S. Almond Producers. (Under the direction of John C. Dutton and Thomas Grennes.)
- George Carroll Davis, Economics  
Denmark, South Carolina  
**Dissertation:** Structural Parameter Identification without Quantity Data: An Application to the U. S. Christmas Tree Market. (Under the direction of Michael K. Wohlgenant.)
- Robert Shelley DeWoskin, Toxicology  
Durham, North Carolina  
**Dissertation:** Cisplatin Nephrotoxicity, Protective Strategies and Kidney Metal Interactions at Normothermic and Hyperthermic Temperatures. (Under the direction of Jim E. Riviere.)
- Jay Roberts Dickerson, Biochemistry  
Raleigh, North Carolina  
**Dissertation:** Studies on the Biohydrogenation of Linoleic and Oleic Acids. (Under the direction of Samuel B. Tove.)
- Reuven Dukas, Zoology  
Peth-Tikva, Israel  
**Dissertation:** Ecological Aspects of Attention and Learning. (Under the direction of Leslie A. Real and Jeffrey R. Walters.)
- Ademola Lala Ejire, Botany  
Lagos, Nigeria  
**Dissertation:** The Algal Ecology of the Falls of the Neuse Reservoir (Falls Lake) and the Impact of a Phosphate Ban. (Under the direction of Augustus M. Witherspoon.)
- Robert Oliver Evans, Biological and Agricultural Engineering  
Edenton, North Carolina  
**Dissertation:** Development and Evaluation of Stress Day Index Models to Predict Corn and Soybean Yield under High Water Table Conditions. (Under the direction of R. Wayne Skaggs.)
- Marjorie Alice Faust, Animal Science  
Kempton, Pennsylvania  
**Dissertation:** Genetic and Economic Analyses of Selection and Culling Strategies in a Hierarchical Swine Breeding Structure. (Under the direction of O. Wayne Robison.)

Elizabeth Pacheco Batista Fontes, Botany

Visconde do Rio Branco, Brazil

**Dissertation:** Identification of Proteins Involved in Gene Expression and Assembly of Maize Zeins. (Under the direction of Rebecca S. Boston and William F. Thompson.)

Lin Clara Hartung, Aerospace Engineering

East Lansing, Michigan

**Dissertation:** Nonequilibrium Radiative Heating Prediction Method for Aeroassist Flowfields with Coupling to Flowfield Solvers. (Under the direction of Fred R. DeJarnette.)

Richard Wayne Hollings, Psychology

Portsmouth, New Hampshire

**Dissertation:** The Relationship between Classroom Social Climate and Referral Rates for Specialized Services at the Junior High Level. (Under the direction of William P. Erchul.)

Dongming Hwang, Mathematics

Taipei, Taiwan, Republic of China

**Dissertation:** Convergence of Broyden's Method in Banach Spaces. (Under the direction of Carl T. Kelley.)

Michael Conoly Jackson, Science Education

Emerald Isle, North Carolina

**Dissertation:** An Evaluation of an Instrument for Assessing Elementary School Science Programs in North Carolina. (Under the direction of Norman D. Anderson.)

Jae Gil Jeong, Computer Engineering

Seoul, Korea

**Dissertation:** High Performance Multi-processor Architectures for Digital Signal Processing. (Under the direction of Winsor E. Alexander.)

Ganesh Rao Kalbavi, Industrial Engineering

Karnataka, India

**Dissertation:** Integrated Robot Task-planning System. (Under the direction of Ezat T. Sani.)

Jong-Bong Kang, Materials Science and Engineering

Seoul, Korea

**Dissertation:** Mechanical and Thermal Expansion Characterization of Angle-ply Laminated and Three-dimensionally Woven Composite Materials. (Under the direction of Abdel A. Fahmy.)

Kyung-Doo Kim, Nuclear Engineering

Seoul, Korea

**Dissertation:** The Application of Advanced Architecture Computers to the Real Time Simulation and Control of Nuclear Power Systems. (Under the direction of J. Michael Doster.)

Waclaw C. Koscielniak, Electrical Engineering

Raleigh, North Carolina

**Dissertation:** Gallium Arsenide Metal-Semiconductor-Metal (MSM) Photo-detectors. (Under the direction of Michael A. Littlejohn.)

- Tsair-Ming Kuo, Mechanical Engineering  
 Taipei, Taiwan, Republic of China  
**Dissertation:** Dynamic Material Response of Porous Media. (Under the direction of F. Yates Sorrell and Eric C. Klang.)
- Ronnie Hartwell Lamb, Statistics  
 Richmond, Virginia  
**Dissertation:** Testing for Treatment Effects on Variance in Designed Experiments. (Under the direction of Dennis D. Boos and Cavell Brownie.)
- Ho-Keun Lee, Aerospace Engineering  
 Seoul, Korea  
**Dissertation:** Design of Flight Control System for Plants with Control Variable Constraints. (Under the direction of Clarence J. Maday.)
- Philip Montague Mock, Electrical Engineering  
 Winston-Salem, North Carolina  
**Dissertation:** Material and Design Parameter Effects in IMPATT Diodes. (Under the direction of Robert J. Trew.)
- Paul Fletcher Myers, Crop Science  
 DeSoto, Illinois  
**Dissertation:** The Interaction of Imazethapyr with Selected Grass Herbicides. (Under the direction of Harold D. Coble.)
- Segye Oh, Mechanical Engineering  
 Seoul, Korea  
**Dissertation:** Analytical and Experimental Investigations of Wave Transmission through "T" Joints in a Finite Structure Using Wavenumber-Frequency Techniques. (Under the direction of Richard F. Keltie.)
- Bülent Özekici, Biological and Agricultural Engineering  
 Adana, Turkey  
**Dissertation:** Manufacturing Variation Effects on Trickle Irrigation Uniformity and Analysis of Pressure Losses in Tortuouspath Emitters. (Under the direction of D. Keith Cassel and Ronald E. Sneed.)
- Gerd Pfeiffer, Physics  
 Lichtenfels, Germany  
**Dissertation:** A Study of Intermediate Range Order in Amorphous Arsenic Trisulfide: Photodarkening under Hydrostatic Pressure. (Under the direction of Michael A. Paesler and Dale E. Sayers.)
- Douglas Lawrence Ramers, Industrial Engineering  
 Titusville, Florida  
**Dissertation:** Representing Design for Manufacture Knowledge with Constraints. (Under the direction of Peter J. O'Grady.)
- Raúl Ricardo Raya, Food Science  
 Salta, Argentina  
**Dissertation:** Genetic Characterization of a Temperate Bacteriophage from *Lactobacillus gasseri* ADH. (Under the direction of Todd R. Klaenhammer.)
- Geoffrey Eugene Seger, Wood and Paper Science  
 Puyallup, Washington  
**Dissertation:** Process Modifications to Improve Chlorine Dioxide Bleaching. (Under the direction of Hou-min Chang and Hasan Jameel.)

Sree Kamal Sen, Economics

Bombay, India

**Dissertation:** New Indicators of Country Risk: The Impact of Price Distortions on Debt Servicing Capacity. (Under the direction of John C. Dutton, Jr. and Douglas Fisher.)

Cynthia Cooperman Sollod, Plant Pathology

Kensington, Maryland

**Dissertation:** Role of Carotenoids and Redox Potential in Fungal Resistance to the Photosensitizer Cercosporin. (Under the direction of Margaret E. Daub and Larry F. Grand.)

David Robert Spak, Crop Science

Pittsburgh, Pennsylvania

**Dissertation:** Tall Fescue Sward Dynamics as Influenced by Growth Regulator Types and Mowing. (Under the direction of Joseph M. DiPaola and William M. Lewis.)

Ronald Guy Sparks, Physics

Morganton, North Carolina

**Dissertation:** Micro-Raman Investigation of Residual Stresses in Machined Semiconductors. (Under the direction of Michael A. Paesler.)

Jean Dorothy Spooner, Soil Science

Webster, New York

**Dissertation:** Minimum Detectable Change in Water Quality in Nonpoint Source Control Programs. (Under the direction of J. Wendell Gilliam.)

Huai-Ku Sun, Mechanical Engineering

Tashi, Taiwan, Republic of China

**Dissertation:** Multi-rigid-body Kinematic Analysis with Elastic Finite Elements. (Under the direction of Jeffrey W. Eischen.)

Sara Cabe Wheelless, Statistics

Franklin, North Carolina

**Dissertation:** Some Inference Problems in Least Absolute Values Regression. (Under the direction of Peter Bloomfield.)

Lori Jeannine Wiles, Crop Science

Painesville, Ohio

**Dissertation:** A Decision Analytic Investigation of the Influence of Weed Spatial Distribution on Postemergence Herbicide Decisions for Soybeans (*Glycine max*). (Under the direction of Harvey J. Gold and Gail G. Wilkerson.)

Hongyu Xu, Computer Engineering

Chengdu, People's Republic of China

**Dissertation:** BDFA — A Block Data Flow Architecture for Real-time Signal Processing and Matrix Operations. (Under the direction of Winsler E. Alexander.)

Tae-Yang Yoon, Civil Engineering

Seoul, Korea

**Dissertation:** Behavior and Failure Modes of Low-rise Wood-framed Buildings Subjected to Seismic and Wind Forces. (Under the direction of Ajaya K. Gupta.)

Clay Alan Zimmerman, Nutrition  
Walkersville, Maryland

**Dissertation:** The Relationship of Dietary Levels of Rumen Undegradable Protein and Nicacin to Lactational Performance of Dairy Cows. (Under the direction of Allen H. Rakes.)

*Candidates for Degree December 18, 1991*

Imad Jawdat Abed-Al-Rahim, Civil Engineering  
Tulkarem, Palestine

**Dissertation:** Analysis of Relationships Affecting Deterioration and Improvement Bridges. (Under the direction of David W. Johnston.)

Osama Yousef Abudayyeh, Civil Engineering  
Raleigh, North Carolina

**Dissertation:** An Automated Data Acquisition and Data Storage Model for Improving Cost and Schedule Control. (Under the direction of David W. Johnston and William J. Rasdorf.)

Abdellah Ait-Boulahsen, Nutrition  
Agadir, Morocco

**Dissertation:** Nutrition Influences on the Tolerance of Chickens to Acute Heat Stress. (Under the direction of Jim D. Garlich.)

Christopher Scott Anderson, Electrical Engineering  
Gainesville, Florida

**Dissertation:** Hybrid Acousto-optic and Digital Equalization for Microwave Digital Radios. (Under the direction of Anthony VanderLugt.)

Seldon David Benjamin, Electrical Engineering  
Fox River, Quebec, Canada

**Dissertation:** Phonon Assisted Stimulated Emission and Ultra Thin Active Layers in Cleaved Cavity and Vertical Cavity Surface Emitting Lasers. (Under the direction of Robert M. Kolbas.)

Alvin Blake Brown, Economics  
Boone, North Carolina

**Dissertation:** Determining the Economically Optimum Slaughter Age and Time Paths for Dietary Energy and Protein for Turkeys. (Under the direction of Thomas Johnson.)

John Selden Burke, Zoology  
Marshallberg, North Carolina

**Dissertation:** Influence of Abiotic Factors and Feeding on Habitat Selection of Summer and Southern Flounder during Colonization of Nursery Grounds. (Under the direction of Donald E. Hoss and John M. Miller.)

Zenn-Zong Chen, Forestry  
Hualein, Taiwan, Republic of China

**Dissertation:** Nodular Culture and *Agrobacterium*-mediated Transformation for Transgenic Plant Production in *Liquidambar styraciflua* L. (Sweetgum). (Under the direction of Robert C. Kellison and Anne-Marie Stomp.)

George Maynard Chescheir, Biological and Agricultural Engineering  
Louisville, Kentucky

**Dissertation:** Analysis of Stormwater Infiltration Ponds on North Carolina Barrier Islands. (Under the direction of R. Wayne Skaggs.)

Yoon Seok Choi, Animal Science

Seoul, Korea

**Dissertation:** Relationships between Hoof Traits and Economic Traits of Holstein Cows. (Under the direction of Benjamin T. McDaniel.)

Youn Dae Choi, Materials Science and Engineering

Taegu, Korea

**Dissertation:** Mechanical Properties of a Composite Beam Containing an Electrorheological Fluid. (Under the direction of Hans Conrad.)

Kenneth Jussi Christensen, Computer Engineering

Apex, North Carolina

**Dissertation:** Performance Evaluation of Dynamic Window Flow Control and Input Rate Regulation for Local and Wide Area Networks. (Under the direction of Arne A. Nilsson.)

Debra Leigh Clabough, Veterinary Medical Sciences

Alcoa, Tennessee

**Dissertation:** Pathogenesis of Acute in Vivo Infection with Wild-type Wyoming Strain of Equine Infectious Anemia Virus. (Under the direction of Frederick J. Fuller.)

Candis Sue Claiborn, Chemical Engineering

Twin Falls, Idaho

**Dissertation:** Atmospheric-biospheric Interactions of Ambient H<sub>2</sub>O<sub>2</sub>: Climatology at Mt. Mitchell, N. C., and Transport into Needles of Red Spruce. (Under the direction of Viney P. Aneja and Michael R. Overcash.)

William Mark Cosby, Microbiology

Austin, Texas

**Dissertation:** The Development of a Transformation System in *Lactobacillus plantarum*. (Under the direction of Walter J. Dobrogosz.)

Fred John DeGraves, Veterinary Medical Sciences

Battle Creek, Michigan

**Dissertation:** Acute Coliform Mastitis: Pathophysiology, Anti-inflammatory Therapy and Economics of Intervention. (Under the direction of Kevin L. Anderson and Herman A. Berkhoff.)

Aleta Catamora Domdom, Economics

Manila, Philippines

**Dissertation:** Nutritional Impact of Food Policies in the Philippines. (Under the direction of Michael K. Wohlgenant.)

Erika Jeanne Dougherty, Chemical Engineering

Tallahassee, Florida

**Dissertation:** *In situ* Decontamination of Soil Containing 2,3,7,8-tetrachlorodibenzo-P-dioxin: Physical Parameter Analysis and Mathematical Model. (Under the direction of Michael R. Overcash.)

Elizabeth Ann Droke, Nutrition

Knoxville, Tennessee

**Dissertation:** Influence of Dietary Zinc and Stress on Humoral and Cell-mediated Immune Responses in Ruminants. (Under the direction of Jerry W. Spears.)



- Magdy Mohamed Elshamy, Mechanical Engineering  
Mansoura, Egypt  
**Dissertation:** Laminar Natural Convection in Enclosures Having Irregular Geometries. (Under the direction of M. Necati Ozisik.)
- Steven Clark Fawcett, Mechanical Engineering  
Wrightsville Beach, North Carolina  
**Dissertation:** Development and Implementation of a Grinding Technique for Precision Finishing of Brittle Materials. (Under the direction of Thomas A. Dow.)
- Ruennhwa Ferng, Applied Mathematics  
Taichung, Taiwan, Republic of China  
**Dissertation:** Lanczos-based Condition Estimation in Signal Processing and Optimization. (Under the direction of Robert J. Plemmons.)
- Daniel Forciniti, Chemical Engineering  
Buenos Aires, Argentina  
**Dissertation:** A Theoretical and Experimental Study of Protein Partitioning in Aqueous Two-phase Systems. (Under the direction of Carol K. Hall.)
- Stephanie Cate Frankle, Physics  
Los Alamos, New Mexico  
**Dissertation:** Nuclear Resonance Spectroscopy in  $^{30}\text{P}$ . (Under the direction of Gary E. Mitchell and John F. Shriner, Jr.)
- Maria Gallo-Meaghan, Genetics  
Post Chester, New York  
**Dissertation:** Light and Developmental Regulation of Pea Ferredoxin 1 Gene Expression in Transgenic Tobacco. (Under the direction of William F. Thompson.)
- Ziya Gizlice, Crop Science  
Ankara, Turkey  
**Dissertation:** Genetic Diversity in Soybean. (Under the direction of Thomas E. Carter, Jr.)
- Robert Conner Glass, Materials Science and Engineering  
Towson, Maryland  
**Dissertation:** Interface Chemistry and Structure Resulting from Low Energy Ion Assisted Deposition of Titanium Nitride on Ceramic Substrates. (Under the direction of Robert F. Davis.)
- Eric Charles Gonder, Veterinary Medical Sciences  
Goldsboro, North Carolina  
**Dissertation:** The Etiology and Pathogenesis of Focal Ulcerative Dermatitis of Turkeys. (Under the direction of H. John Barnes.)
- David Robinson Goodlett, Biochemistry  
Montgomery, Alabama  
**Dissertation:** Characterization of Formylated Peptides and *Manduca sexta* Juvenile Hormone Esterase. (Under the direction of Frank B. Armstrong and Richard B. van Breeman.)
- Michael James Gorman, Electrical Engineering  
Columbus, Ohio  
**Dissertation:** Modelling the Distribution Transformer. (Under the direction of John J. Grainger.)

Susan Lynn Gray-Silva, Psychology

Washington, North Carolina

**Dissertation:** The Effects of Physostigmine on Cognition, Mood and Behavior in Young Health Males. (Under the direction of James L. Cole.)

Margaret McFaddin Harritt, Forestry

Sumter, South Carolina

**Dissertation:** Ecology and Genetic Variation of Four Hardwoods of Brazil's Atlantic Forest Region. (Under the direction of Charles B. Davey and Bruce J. Zobel.)

Blanca Elia Hernandez, Sociology

Caguas, Puerto Rico

**Dissertation:** The State, Social Policy and Drug Testing: An Analysis of the Drug Testing Policy in the United States and Puerto Rico. (Under the direction of Adam Clarke Davis and Donald Tomaskovic-Devey.)

Chien-Hua Huang, Chemistry

Taipei, Taiwan, Republic of China

**Dissertation:** Synthesis of Poly-3,3,3-trifluoro-1-Phenylpropyne and Poly-1-phenylpropyne and Characterization by Chromatography and Mass Spectrometry. (Under the direction of Carl L. Bumgardner and Richard B. van Breeman.)

Chii-Wha Hwang, Civil Engineering

Taipei, Taiwan, Republic of China

**Dissertation:** Stochastic Finite Element Analysis of Soil Mass under Seismic Loading. (Under the direction of M. Shamimur Rahman.)

Eric Adrien Jamois, Chemistry

Plaisir, France

**Dissertation:** Design, Synthesis and Assay of Novel Fluorinated Enzyme Inhibitors. (Under the direction of Russell J. Linderman.)

Ho-Jong Jang, Applied Mathematics

Seoul, Korea

**Dissertation:** The Equilibrium Equation: Substructuring and the Force Method. (Under the direction of Robert J. Plemmons and Robert E. White.)

Tae Suk Jang, Materials Science and Engineering

Seoul, Korea

**Dissertation:** Permanent Magnet Materials Based on Fe-R-C and Fe-Ti-R Alloys (R=Rare-earth Elements). (Under the direction of Hans H. Stadelmaier.)

Gregory Lynn Johnson, Marine, Earth and Atmospheric Sciences

Boise, Idaho

**Dissertation:** Urban Temperature Bias as Determined by Polar Orbiting Satellite Data. (Under the direction of Jerry M. Davis.)

Halim Daoud Kafecy, Operations Research

Nablus, Palestine

**Dissertation:** A General Framework for Aggregation/Disaggregation Methods for Large Markov Chains. (Under the direction of William J. Stewart.)

Mieko Kasai, Crop Science

Tokyo, Japan

**Dissertation:** Absorption, Translocation and Metabolism of MON 13200 by Tolerant and Susceptible Species and the Effect on Root Growth. (Under the direction of Harold D. Coble and Alan C. York.)

Jong Heon Kim, Mechanical Engineering

Seoul, Korea

**Dissertation:** Fabric Mechanics Analysis Using Large Deformation Orthotropic Shell Theory. (Under the direction of Jeffrey W. Eischen.)

Joo-Yong Kim, Industrial Engineering

Seoul, Korea

**Dissertation:** A Design Monitoring and Advising System for Rotational Parts Using Constraint Networks. (Under the direction of Peter J. O'Grady.)

Leon Christopher King, Toxicology

Durham, North Carolina

**Dissertation:** Metabolism and Activation of 1-Nitropyrene by Pulmonary Tissues and Tracheal Epithelial Cells. (Under the direction of Ernest Hodgson and Joellen Lewtas.)

Mei-Fong Chiang King, Food Science

Taipei, Taiwan, Republic of China

**Dissertation:** Role of Phospholipids on the Oxidation of Fish Lipid Model. (Under the direction of Leon C. Boyd and Brian W. Sheldon.)

Ratnaji Rao Kola, Materials Science and Engineering

Tadimalla, India

**Dissertation:** Defect Engineering Using Boron and Germanium Doped Silicon Epitaxial Films for Electronic Applications. (Under the direction of George A. Rozgonyi.)

Herbert Lowery Lamb, Science Education

Durham, North Carolina

**Dissertation:** Student Conceptions for Variables of Circular Motion: A Cross-age Study. (Under the direction of Norman D. Anderson and John C. Park.)

Marcus Dixon Law, Plant Pathology

Buckhannon, West Virginia

**Dissertation:** The Molecular Characterization of an Ornamental Isolate of Tomato Spotted Wilt Virus. (Under the direction of James W. Moyer.)

Eung Jae Lee, Mechanical Engineering

Pusan, Korea

**Dissertation:** Load Transfer from a Multiply Connected Plane Anisotropic Structure to an Edge-stringer. (Under the direction of Eric Klang and James C. Mulligan.)

Ju-Hyeon Lee, Materials Science and Engineering

Seoul, Korea

**Dissertation:** Alloy Contact Metallization for Microelectronic Devices: Diffusion, Segregation and Reaction of Ni and Cr with Si. (Under the direction of George A. Rozgonyi.)

Robert FongShen Lee, Soil Science  
San Pedro, California

**Dissertation:** Bioactivity and Soil Mobility of Atrazine, Metolachlor and Primisulfuron as Influenced by Polymers. (Under the direction of Jerome B. Weber.)

Neng-Huei Lin, Marine, Earth and Atmospheric Sciences  
Taipei, Taiwan, Republic of China

**Dissertation:** Cloud Acidity and Acidic Deposition in the Lower Troposphere and Ozone Depletion in the Antarctic Stratosphere: Modeling and Data Analysis Regarding the Role of Atmospheric Aerosol. (Under the direction of Yuh-Lang Lin and Vinod K. Saxena.)

Chia-ye Jerry Liu, Statistics  
Taipei, Taiwan, Republic of China

**Dissertation:** Parameter Estimation of Continuous-time Point Processes: Serial Dependency and Neural Applications. (Under the direction of Charles E. Smith.)

Hong-Hai Loh, Electrical Engineering  
Taipei, Taiwan, Republic of China

**Dissertation:** Natural Scene Description Based on Fractal Features. (Under the direction of Ren C. Luo.)

Asiah Abdul Malek, Horticultural Science  
Kuala Lumpur, Malaysia

**Dissertation:** Sexual Propagation and Culture of Flame Azalea [*Rhododendron calendulaceum* (Michx.) Torr] and Mountain Laurel (*Kalmia latifolia* L.). (Under the direction of Frank A. Blazich and Stuart L. Warren.)

Elizabeth Ann Marschall, Zoology  
Westerville, Ohio

**Dissertation:** Brook Trout Response to a Changing Environment: Population Consequences of Growth and Survival Effects. (Under the direction of Larry B. Crowder and Leslie A. Real.)

Lance Miller, Physiology  
North Little Rock, Arkansas

**Dissertation:** Expression of Heat-Shock Proteins and Effector Functions in Chicken Macrophages in Response to Thermal and Nonthermal Stressors. (Under the direction of Vern L. Christensen and Muquarrab A. Qureshi.)

Armin Martin Moerz, Civil Engineering  
Fussen, Germany

**Dissertation:** An Algorithm for Air Transport Forecasting in Deregulated Airline Industry. (Under the direction of John R. Stone.)

Todd Douglas Morris, Electrical Engineering  
Ottawa, Quebec, Canada

**Dissertation:** The Design and Analysis of Buffered Multistage Interconnection Networks. (Under the direction of Edward F. Gehringer and Harry G. Perros.)

Lakshmi Mukundan, Mathematics  
Madras, India

**Dissertation:** Covergence Analysis of the Harmonic Balance Method. (Under the direction of Carl T. Kelley.)

James Gerard Nagy, Applied Mathematics  
Buffalo Grove, Illinois  
**Dissertation:** Toeplitz Least Squares Computations. (Under the direction of Robert J. Plemmons.)

Michael Anthony O'Connell, Statistics  
Sydney, Australia  
**Dissertation:** Contingency Table Models for Estimation of the Size of a Partitioned Population. (Under the direction of Kenneth H. Pollock.)

Rasim Okursoy, Biological and Agricultural Engineering  
Ankara, Turkey  
**Dissertation:** Development of Soil Mechanical Impedance Sensor Using a Rotary Tiller Blade. (Under the direction of Crowell G. Bowers, Jr.)

Randall Marion Palmer, Psychology  
Boone, North Carolina  
**Dissertation:** Self-handicapping: The Effect of Handicap Valence on Observers' Attributions. (Under the direction of James E. R. Luginbuhl.)

Michael William Prairie, Electrical Engineering  
South Hadley, Massachusetts  
**Dissertation:** Optical Properties of Thermally Intermixed Quantum Wells and Superlattices. (Under the direction of Robert M. Kolbas.)

Thomas Humphrey Prettyman, Nuclear Engineering  
Raleigh, North Carolina  
**Dissertation:** Composition and Density Imaging of Industrial Samples by a Combination of Photon Transmission Tomography and Projective Compton Scatterometry. (Under the direction of Robin P. Gardner and John C. Russ.)

Alireza Sadeghkhani, Chemistry  
Abadan, Iran  
**Dissertation:** Solvent Strength and Selectivity in Micellar Liquid Chromatography. (Under the direction of Morteza G. Khaledi.)

Hisham Naji Sarsour, Nuclear Engineering  
New York, New York  
**Dissertation:** Development of Parallel Numerical Algorithms for the Solution of the Few-group Neutron Diffusion Equations Using Coarse Grain Parallel Algorithms. (Under the direction of Paul J. Turinsky.)

Andreas Evangelos Savakis, Electrical Engineering  
Athens, Greece  
**Dissertation:** Blue Identification by Statistical Analysis. (Under the direction of H. Joel Trussell.)

Damien Schreuer, Veterinary Medical Sciences  
Geraardsbergen, Germany  
**Dissertation:** Immunomodulation in Canine Lymphatic Filariasis. (Under the direction of Bruce Hammerberg.)

Gamila Mohamed Shanab, Biochemistry  
Cairo, Egypt  
**Dissertation:** Structure and Intermolecular Hybridization Characteristics of Mouse U14 Small Nuclear RNA. (Under the direction of E. Stuart Maxwell.)

William Mack Shannon, Psychology  
Reading, Pennsylvania  
**Dissertation:** A Folk Hero Modeling/Cultural Awareness Counseling Intervention for Puerto Rican Adolescent Students. (Under the direction of William P. Erchul.)

Day-Fann Shen, Electrical Engineering  
Nantou, Taiwan, Republic of China  
**Dissertation:** Segmentation and HVS-based Image Coding with Motion Compensation for Packet-switched Network Environments. (Under the direction of Sarah A. Rajala.)

Hyun-Joo Shim, Fiber and Polymer Science  
Seoul, Korea  
**Dissertation:** Bond Strength and Its Measurement in Nonwoven Fabrics. (Under the direction of Subhash K. Batra and Bhupender S. Gupta.)

Moo Whan Shin, Materials Science and Engineering  
Seoul, Korea  
**Dissertation:** Grain Growth Kinetics, Sintering and Properties of High Transition Temperature Superconductors. (Under the direction of Carl C. Koch.)

Robert Banks Simpson, Animal Science  
Gallatin, Tennessee  
**Dissertation:** Effect of Altering Growth Hormone on Metabolism and Reproduction in Beef Heifers. (Under the direction of Jeffrey D. Armstrong and Raymond W. Harvey.)

Scott Charles Smith, Chemistry  
Cary, North Carolina  
**Dissertation:** Prediction of Migration Behavior of Acidic Solutes in Capillary Electrophoresis. (Under the direction of Morteza G. Khaledi.)

Michael Robert Spano, Sr., Industrial Engineering  
Apex, North Carolina  
**Dissertation:** A Hierarchical Multi-planar Artificial Intelligence Constraint Network Model for the Design of Flexible Manufacturing Systems. (Under the direction of Peter J. O'Grady.)

Karl Arthur Suiter, Entomology  
Pittsburgh, Pennsylvania  
**Dissertation:** Variation in Physiological Resistance and Behavioral Avoidance to Four Synthetic Pesticides in Six Populations of the Twospotted Spider Mite, *Tetranychus urticae* Koch. (Under the direction of Fred L. Gould and Ronald E. Stinner.)

Xiao-Ping Sun, Plant Pathology  
Wuhu, People's Republic of China  
**Dissertation:** Isolation and Characterization of an Extracellular Protease Produced by *Xanthomonas campestris* pv. *zinniae* and Its Role in Pathogenesis of Bacterial Spot of Zinnia (*Zinnia elegans* Jacq.) (Under the direction of Eddie Echandi and David F. Ritchie.)

Pan-Chio Tuan, Mechanical Engineering  
Taipei, Taiwan, Republic of China  
**Dissertation:** The Estimation of Thermal Unknown Functions by Solving Two Dimensional Inverse Heat Conduction Problems. (Under the direction of John A. Edwards.)

Howard David Tyler, Nutrition and Physiology  
Rockford, Illinois  
**Dissertation:** Regulation of Small Intestinal Development in the Perinatal Period in Calves and Piglets. (Under the direction of Ian S. Longmuir and Harold A. Ramsey.)

David Vaughn Uhr, Crop Science  
Palaika, Florida  
**Dissertation:** Adaptation of Tropical Maize to Temperate Zones. (Under the direction of Major M. Goodman.)

Robert William Vallin, Mathematics  
Bethesda, Maryland  
**Dissertation:** Shell Porosity in Metric Spaces. (Under the direction of Michael J. Evans.)

Cheng Wang, Physics  
Shouhou, People's Republic of China  
**Dissertation:** Deposition and Characterization of Hydrogenated Amorphous Silicon, Microcrystalline Silicon and Silicon Based Alloy Thin Films. (Under the direction of Gerald Lucovsky.)

Chihsiang Wang, Physics  
Hwalein, Taiwan, Republic of China  
**Dissertation:** Theory of Defects, Impurities and Interfaces in Semiconductors. (Under the direction of Jerzy Bernhole.)

Shing-Ru Wang, Chemical Engineering  
Taipei, Taiwan, Republic of China  
**Dissertation:** Electrocatalytic Oxidation of Methanol: Pulsed-potential Electrolysis. (Under the direction of Peter S. Fedkiw.)

Molly Williams Warren, Food Science  
Jackson, Tennessee  
**Dissertation:** Volatiles and Sensory Characteristics of Cooked Egg and Lipid Composition of Low-cholesterol Dried Yolk. (Under the direction of Hershell R. Ball, Jr.)

Robert James Wayland, Marine, Earth and Atmospheric Sciences  
Danville, Virginia  
**Dissertation:** Mean and Turbulent Structure of the Marine Atmospheric Boundary Layer during Cold Air Outbreaks of Different Intensities: Observational and Modelling Analyses (GALE 86). (Under the direction of Sethu Raman.)

John Walter Weidner, Chemical Engineering  
Port Washington, Wisconsin  
**Dissertation:** Linear-sweep Voltammetry at Porous Electrodes. (Under the direction of Peter S. Fedkiw.)

Dwight Lane Woolard, Electrical Engineering  
Washington, North Carolina  
**Dissertation:** An Advanced Hydrodynamic Hot-electron Transport Model. (Under the direction of Michael A. Littlejohn and Robert J. Trew.)

Jing-Bang Yan, Electrical Engineering  
Taipei, Taiwan, Republic of China  
**Dissertation:** The Potential of SiC and Diamond for Microwave Power MESFETs. (Under the direction of Robert J. Trew.)

Shiuh-Liang Yan, Civil Engineering

Taipei, Taiwan, Republic of China

**Dissertation:** Influence of Reagent on the Strength of Sodium Silicate Based Chemical Grouts. (Under the direction of Roy H. Borden.)

Yadong Yang, Applied Mathematics

Shijiazhuang, People's Republic of China

**Dissertation:** Explicit Solutions of a Class of Riemann Problems of Mixed Type. (Under the direction of Michael S. Shearer.)

Arun Yethiraj, Chemical Engineering

Bombay, India

**Dissertation:** Bulk and Surface Properties of Fluids Composed of Chain-like Molecules. (Under the direction of Carol K. Hall.)

Jae-Yel Yi, Physics

Raleigh, North Carolina

**Dissertation:** Atomic and Electronic Structures of Aluminum Clusters, Solid  $C_{60}$  and Interfaces of Al on GaAs(110). (Under the direction of Jerzy Bernholc.)

Yaping Zhong, Chemical Engineering

Hangzhou, People's Republic of China

**Dissertation:** ESR and Kinetic Evidence of Transition Metal-radical Complexation and Its Implications in Free-radical Reactions. (Under the direction of Phooi K. Lim.)

Weiqing Zhou, Physics

Shanghai, People's Republic of China

**Dissertation:** Structure and Photo-induced Structural Changes in Amorphous Arsenic Sulfide by X-ray Absorption Spectroscopy and Differential Anomalous X-ray Scattering. (Under the direction of Michael A. Paesler and Dale E. Sayers.)



