NORTH CAROLINA STATE UNIVERSITY

GRADUATION

DECEMBER 19, 2009

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STATE OF NORTH CAROLINA
OFFICE OF THE GOVERNOR
20301 MAIL SERVICE CENTER • RALEIGH, NC 27699-0301

BEVERLY EAVES PERDUE
GOVERNOR

December 19, 2009

North Carolina State University
Office of the Chancellor
Campus Box 7001
Raleigh, NC 27695-7001

Dear Graduates,

On behalf of the State of North Carolina, I am pleased to congratulate you on your graduation from North Carolina State University. It is my privilege to join your family, friends and the entire NC State community in commending you on a job well done.

Today is a day of celebration as you have joined an elite group of citizens who are highly prepared to meet the challenges of the 21st century. As our nation continues to grapple with the complexities of a troubled economy, you will stand out as a graduate of a leading institution of higher education. The training you received will help propel you through this crisis and towards your goals. North Carolina is very proud of you. I look forward to hearing many good things about the Class of 2009 Fall Graduates.

Best wishes for health and happiness and continued success.

Sincerely,

Bev Perdue

ABJ

LOCATION: 116 WEST JONES STREET • RALEIGH, NC • TELEPHONE: (919) 733-5811
WWW.GOVERNOR.STATE.NC.US

GREETINGS FROM THE CHANCELLOR

Dear Graduates:

On behalf of the faculty and staff at North Carolina State University, congratulations to each of you, and to your families, on earning your degree and reaching this important milestone in your life.

Becoming a graduate opens the door to new adventures. Whether you seek a successful career, plan to start a family or immerse yourself in the wide world, you are in charge of your future. Life after graduation requires a leap into the exciting and somewhat daunting aspects of the unknown, but know that your future holds unlimited possibilities.

NC State graduates are making an impression on the world through research, education, the arts, technology and economic development—areas that call for the kind of leadership and tenacity that characterize this campus. As you begin this journey, I believe you will find that NC State has provided you with essential tools to build a life amid the opportunities and challenges that await you. You can achieve greatness in whatever you choose to do as long as you choose to do so.

Our alumni have a deep affection for this university, and I hope you will always feel a desire to return to NC State, whether it be for an athletic event, to drop by a professor's office to say hello or to take a walk on the Brickyard in remembrance of your time here. I am continually impressed by the generosity and warmth of NC State graduates whose support provides a foundation for this university. As our newest graduating class, I hope you will continue to foster your relationship with this university, helping build upon the spirit and traditions that make NC State special.

The entire NC State family is delighted to celebrate this achievement with you upon the completion of this long-awaited goal. I hope you will maintain your fondness for this great university. Our heartiest congratulations to you and all the best for the future.

Sincerely,

James H. Woodward

James H. Woodward
Chancellor

MUSICAL PROGRAM

EXERCISES OF GRADUATION

December 19, 2009

The Amalgam Brass Ensemble
Dr. Randolph Foy, Associate Director, NCSU Music Department, Conductor

Don Eagle, Paul Neebe, Dennis DeJong, Judith Saxton, trumpets
Chris Caudell, Rachel Niketopoulos, horns
Mike Kris, Nikki McCaslin, trombones
Steve Truckenbrod, Tony Granados, tubas

Concert
8:30 a.m.

Renaissance Dances ..... Tylman Susato
Arr. John Iveson

1. La Mourisque
2. Bransle Quatre Bransles
3. Ronde
4. Basse Dance Bergeret

Christmas Day ..... Gustav Holst

Christmas Carol Suite for Brass ..... arr. R. Price
1. O Come, O Come Emmanuel
2. Coventry Carol
3. Angels We Have Heard on High
4. Good King Wenceslas
5. Carol of the Bells

Processional
9:00 a.m.

3-2-1 ..... J. Mark Scearce

Promenade from Pictures at an Exhibition ..... Modest Moussorrgsky, arr. Frank Darmiento

Overture to Music for the Royal Fireworks ..... G. F. Handel

Trumpet Tune ..... Stanley, arr. Ramm

Rondeau ..... Jean-Phillipe Mouret

Der Koeniginnen Intrada ..... William Brade
Intrada der Jungen Princessinen
Mascharad der Edelfrauen

Tribute ..... J. Mark Scearce

Recessional

My Spirit Be Joyful ..... J.S. Bach, arr. Harry Herforth

March from First Suite for Military Band ..... Gustav Holst
arr. David Sabourin

EXERCISES OF GRADUATION

RBC Center
Chancellor James H. Woodward, Presiding
December 19, 2009

Concert, 8:30 a.m. ..... The Amalgam Brass Ensemble
Dr. Randolph Foy, Conductor

Processional, 9:00 a.m. ..... The Amalgam Brass Ensemble
Dr. Randolph Foy, Conductor

The audience is requested to remain seated during the Processional.

Welcome ..... Chancellor James H. Woodward

Moment Of Reflection ..... Dr. Thomas H. Stafford, Jr.
Vice Chancellor for Student Affairs

Posting Of The Colors ..... NC State ROTC Color Guard

National Anthem ..... The Grains of Time
NC State Music Department

Introductions ..... Chancellor James H. Woodward

Conferring Of Honorary Degrees ..... Chancellor James H. Woodward

Jack Ward Thomas ..... Doctor of Sciences
G. Smedes York ..... Doctor of Humane Letters
Rajendra K. Pachauri ..... Doctor of Sciences

Address ..... Dr. Rajendra K. Pachauri

Musical Interlude ..... The Ladies in Red
NC State Music Department

Conferring Of Degrees ..... Chancellor James H. Woodward

Candidates for advanced degrees presented by Dean of the Graduate School.
Candidates for baccalaureate degrees presented by Deans of Colleges.

Address To Fellow Graduates ..... Ms. Emma Norton

Recognitions ..... Chancellor James H. Woodward

Turning Of The Tassel ..... Ms. Emma Norton

Alma Mater ..... The Ladies in Red
NC State Music Department

Recessional (Platform Party, Faculty, and Doctorals Only)
The audience is requested to remain seated during the Recessional.

HONORARY DEGREE RECIPIENTS

Jack Ward Thomas

Honorary Degree Recipient
Doctor of Sciences

Dr. Jack Ward Thomas is a consultant, speaker and writer in the field of conservation, and has a 53-year career as a professional conservationist, wildlife biologist and administrator. During the 100th Anniversary Celebration of the U.S. Department of Agriculture (USDA) Forest Service, Thomas was recognized as having made the most significant contributions to Forest Service research in the agency's first century.

Thomas' career as a wildlife biologist began in 1957 with the Texas Parks and Wildlife Department where he was involved in both management and research activities. He joined the U.S. Forest Service in 1966 and ended his career as a research scientist in 1993 as chief research wildlife biologist. During his 27-year career as a research scientist with the Forest Service, Thomas received 18 Outstanding Performance Awards and became one of three Forest Service scientists to attain the most senior rank afforded to research scientists. In 1993, Thomas was appointed CEO of the Forest Service – an agency of more than 43,000 employees, managing over 194 million acres of public land, with a $4.5 billion annual budget – and served in that role until 1996. He was designated Chief Emeritus of the Forest Service in 1997. After his career with the Forest Service, Thomas joined the faculty of the University of Montana in 1997 as the Boone and Crockett Professor of Wildlife Conservation. He retired in 2006 and was named Professor Emeritus.

Thomas has received numerous awards including recognition for Distinguished and Superior Service by the USDA, the Society for Conservation Biology's Distinguished Achievement Award, the Renewable Natural Resources Foundation's Sustained Achievement Award; and the National Wildlife Federation's Outstanding Professional of the Year Award, among others. He is a member and leader of numerous professional societies such as The Wildlife Society and the Society of American Foresters, and conservation organizations such as Ducks Unlimited and the National Wild Turkey Federation.

Thomas's academic appointments have included adjunct professorships and service on graduate student committees at the University of Idaho, University of Massachusetts at Amherst, Oregon State University, Washington State University, West Virginia University and Eastern Oregon State University. He is a faculty associate at Montana State University.

Thomas holds a bachelor's degree in wildlife management from Texas A&M University, a master's degree in wildlife ecology from West Virginia University, and a Ph.D. in forestry from the University of Massachusetts at Amherst. Each of those institutions has designated him a Distinguished Alumnus.

He will receive an honorary Doctor of Sciences degree.

G. Smedes York

Honorary Degree Recipient
Doctor of Humane Letters

G. Smedes York, a Raleigh native, has spent many years serving the needs of Raleigh and its citizens. A former mayor and highly respected businessman, York has been instrumental in helping the Triangle area become one of the most desirable places to live in the United States.

From 1964 to 1966, York served as first lieutenant in the U.S. Army Corps of Engineers, receiving an Army Commendation Medal for his service in South Korea. In the late 1970s and early 1980s, he served the Raleigh community in the political arena – serving as Raleigh city councilman from 1977 to 1979, and mayor of the city of Raleigh from 1979 to 1983.

York is part of the York Construction Company, a family business that began in Raleigh in 1910 and has built several buildings on the NC State campus – including the first part of the Belltower. York spent his professional career in real estate and construction, and is chairman of York Properties, Inc. and related companies Prudential York Simpson Underwood and McDonald York Building Company. In addition to his business, he has served in a leadership capacity for many organizations – such as past chairman of the North Carolina Citizens for Business and Industry and the NC State Board of Trustees. York currently serves on the board of directors for the Research Triangle Foundation, the YMCA of the Triangle and North Carolina Amateur Sports. He served as chairman of the Urban Land Institute from 1989 to 1991 and continues to serve as trustee.

Among York's many honors are the Raleigh Chamber of Commerce's A.E. Finley Award, the Boys Clubs of America's Silver Medallion, Tar Heel of the Week, Realtor of the Year, the Boy Scouts Distinguished Citizen Award and the Watauga Medal from NC State. He is a member of several Halls of Fame, such as the Raleigh Hall of Fame, the Raleigh Regional Association of Realtor's Hall of Fame and the North Carolina Business Hall of Fame.

York received his bachelor's degree in civil engineering from NC State and a master's degree in business administration from the University of North Carolina at Chapel Hill.

He will receive an honorary Doctor of Humane Letters degree.

Rajendra K. Pachauri

Commencement Speaker and
Honorary Degree Recipient
Doctor of Sciences

Commencement speaker, Nobel Prize winner and NC State alumnus Dr. Rajendra K. Pachauri is a world leader in the study of climate change.

Pachauri currently serves as director-general of The Energy and Resources Institute – which performs research and disseminates knowledge in the areas of energy, environment, forestry, biotechnology and natural resource conservation – and as director of the Yale Climate and Energy Institute.

In 2002, Pachauri was elected chairman of the Intergovernmental Panel on Climate Change. The IPCC, along with former Vice President Al Gore, was awarded the Nobel Peace Prize in 2007.

Pachauri began his career at Diesel Locomotive Works in Varanasi, India, where he held several managerial positions. Over the years, he has taught at North Carolina State University, the Administrative Staff College of India, West Virginia University and Yale University. He has also served as visiting fellow at The East-West Center's Resource Systems Institute and The World Bank, and adviser of energy and sustainable management of natural resources with the United Nations Development Programme.

Pachauri's wide-ranging expertise has resulted in his membership and leadership of various national and international committees and boards, such as the Toyota Motor Corporation, International Solar Energy Society, World Resources Institute Council, International Association for Energy Economics, Asian Energy Institute, and the Institute for Global Environmental Strategies in Japan. He has also joined the board of the Global Humanitarian Forum, recently founded by former United Nations Secretary General Kofi Annan. Pachauri serves on many national committees for the Government of India, and works with numerous academic and research institutes across the world. Over the years, Pachauri has authored 23 books and several papers and articles.

Pachauri was conferred with the "Padma Vibhushan," India's second highest civilian award, for his services in the field of science and engineering in January 2008, after being acknowledged for his immense contributions to the field of environment with the "Padma Bhushan" award in 2001. He was also bestowed the "Officier De La Légion D'Honneur" by the Government of France in 2006.

Pachauri was educated at the La Martiniere College in Lucknow and the Indian Railways Institute of Mechanical and Electrical Engineering in Jamalpur, Bihar. He received his master's degree in industrial engineering, and later Ph.Ds. in industrial engineering and economics, at NC State.

He will receive an honorary Doctor of Sciences degree.

UNIVERSITY MACE

The NC State University Mace is carried by the chief faculty marshal, a position held by the chair of the faculty. The academic mace, derived from a medieval weapon, represents the need to protect and nurture the fragile search for knowledge. The NC State University Mace has been specifically designed for this community. It was carried for the first time at the installation of Chancellor Oblinger. Each aspect of the mace represents an important characteristic of the university.

When freestanding, the mace is supported in a base of North Carolina stone representing the foundation of knowledge and the dependence of this academic community on the support of the people. At the base of the mace is a brass ring with the names of individuals who have held the position of chancellor, indicating the contribution of generations of academic leaders to the formation and maturation of NC State University.

The long lower fluted handle is the primary means by which the mace is grasped, representing the responsibility for the stewardship of knowledge. The shorter fluted, upper handle is the primary means by which direction is shown, and therefore represents the responsibility for guardianship. A block embedded with the seal of the university on four faces represents the university community and its charge to reach out in all directions. At the top of the mace is a geometric progression of layers representing the continual experimentation and testing of knowledge within the NC State academic community. At the very top of the mace is a bronze prow symbolizing the continual exploration that energizes our community

The mace is fashioned from burled walnut recovered from a North Carolina tree felled in a storm, emphasizing the need to make wise use of resources even in difficult circumstances. The wood is a gift of the Jordan family, representing the importance of the generosity of the people of North Carolina to the university. The wood is complemented by bronze and silver fittings emphasizing the precious nature of the academic experience in society. During the course of fabrication, an error was made. After much discussion, the design team decided to make the revisions necessary to correct the error rather than refabricate the flawed component. This adjustment, difficult to identify, represents the valuable lessons learned from failure as an essential component of the university experience.

The mace was designed and fabricated by a team that included College of Design Dean Marvin J. Malecha, Chris Jordan (1975, Product Design), Jack Lancaster and Jim Dean (1983, Product Design) in the College of Design Materials Laboratory.

GRADUATION MARSHALS

Michelle Nicole Abbott
Amanda Michelle Adams
Waseem Durdana Ahmed
Charlotte Johanna Ballentine
Nicholas Garrett Banks
Kristen Ashley Bogue
Nicole Leigh Bolick
Erica Ka-Ying Cheung
May F. Chung
James Tatum Crews
Camry Lee Curtis
Priya B. Desai
Keval Desai
Jalisha Deborah Ferebee
William Alonso Flores
Emily A. Ford
Shellsea R. Frandsen
Jennifer Nicole Gredler
Jodie Greene
Sarah Margaret Griffin
Bernice Nana Achiaa Gyamfi
Molli Katharine Hayworth
Steven T. Hoppe
Jodie Louise Joseph
Allisyn Kennedy
Kaitlyn Kennedy
Christopher Allen Kilgore
Veronica Elizabeth LeMere
Meyosha Love
Anicia Danielle Maness
Edward Randall Markus
Meredith Austin McCanless
Kerry Michelle Nieto
Joslin Rene Owens
David Joyner Pate
Punam K. Patel
Marycobb Brabham Randall
Nicole Elise Rogerson
Ashley Nicole Schmidt
Robin Singh
Samantha G. Smith
Sydney Maree Smith
Allison Snyder
Christian Robert Tilley
Milaan Waters
Katharine Weislak
Erin Rebekah Whitford
Catherine Lindsey Wooten

UNIVERSITY MEDALLION

The NC State University Medallion is worn by the Chancellor for ceremonial occasions such as commencement, convocations and installations.

It is similar to the University Mace. Both come from ceremonies of the Middle Ages, during which time the modern university developed. Today, universities create medallions to commemorate special events, the contributions of exceptional individuals and recognition of those in positions of responsibility.

The NC State Medallion is designed with various symbols that describe characteristics of the university. The design features two circles, one small and one large on opposite ends of the necklace, representing the diverse nature of the academic community. The large circle, which joins the chain, is inscribed with the university's year of founding (1887) as a tribute to the vision of the founders. The necklace also consists of etched metal plates, chained together in a whole, signifying the many voices that comprise the NC State community. The medallion hangs from the necklace and features the NC State seal, a representation of the responsibility and authority of the Chancellor.

The necklace and medallion are made out of customized gold-plated brass, a strong material that represents NC State pride and the wealth of knowledge within the university.

Mary Ann Scherr was the first to design the medallion and necklace. It was redesigned by a team that included College of Design Dean Marvin J. Malecha, Chris Jordan (1975, Product Design), Jack Lancaster and Sarah Tector.

TIME AND LOCATION FOR DEPARTMENTAL CEREMONIES

College of Agriculture and Life Sciences - 1:30 p.m. (except for those marked with an asterisk)

Agricultural & Resource Economics (ABM, BBM, NRM, ESE) ..... McKimmon Center, Western Boulevard
Agricultural and Extension Education (AED, AEX, AEC) ..... Mount Olivet Baptist Church, 3500 Edwards Mill Road
Agricultural Science ..... Mount Olivet Baptist Church, 3500 Edwards Mill Road

* Agronomy, Plant and Soil Science, Turfgrass Science, Crop Science, and Soil Science - 1:00 p.m. ..... 2215 Williams Hall

* Animal Science - **Friday, December 18, 7:30 p.m.** ..... McKimmon Center, Western Boulevard
Biological and Agricultural Engineering ..... 158 Weaver Laboratories

* Biology 3:00 p.m. (Biological Sciences and Zoology) ..... Carmichael Gymnasium
Food Science, Bioprocessing Science, Nutrition Science and Biological Science - Nutrition Concentration ..... Pittman Auditorium, St. Mary's College, 900 Hillsborough Street
Horticultural Science ..... Ruby McSwain Education Center - JC Raulston Arboretum
Microbiology ..... Cinema, Witherspoon Student Center
Molecular and Structural Biochemistry ..... 124 Dabney Hall
Plant Biology ..... Stephens Room, 3503 Gardner Hall
Poultry Science ..... 106 Scott Hall
Sociology and Anthropology (Applied Sociology/Criminology) ..... 3400 Nelson Hall
4H Youth Development and Family & Consumer Science ..... Mount Olivet Baptist Church, 3500 Edwards Mill Road
Interdepartmental Graduate Programs (Environmental Sciences, Genomics, Natural Resources, Nutrition, Physiology) ..... Location of Major Faculty Advisor

College of Design - 1:30 p.m. ..... Stewart Theatre, Talley Student Center
Reception - 2:30 - 4:00 p.m. ..... Brooks Hall Rotunda and Gallery

College of Education - 12:30 p.m. ..... McKimmon Center, Western Boulevard

College of Engineering 1:30 p.m. (except for those marked with an asterisk)

* Aerospace Engineering - **Friday, December 18, 7:30 p.m.** ..... Stewart Theatre, Talley Student Center
Biological and Agricultural Engineering ..... 158 Weaver Laboratories
Chemical and Biomolecular Engineering - **Friday, December 18, 1:30 p.m.** ..... Engineering Building I Room 1011, Centennial Campus

* Civil, Construction, and Environmental Engineering - **Friday, December 18, 2:00 p.m.** ..... McKimmon Center Western Boulevard
Computer Science ..... Providence Baptist Church, 6339 Glenwood Avenue

* Electrical and Computer Engineering - 4:00 p.m. ..... McKimmon Center, Western Boulevard
Edward P. Fitts Department of Industrial and Systems Engineering ..... Forest Hills Baptist Church, 201 Dixie Trail
Integrated Manufacturing Systems Engineering ..... 136 Monteith Research Center, Centennial Campus
Master of Engineering ..... 136 Monteith Research Center, Centennial Campus
Materials Science and Engineering ..... Engineering Building I, Room 1007, Centennial Campus

* Mechanical Engineering - **Friday, December 18, 7:30 p.m.** ..... Stewart Theatre, Talley Student Center
Nuclear Engineering ..... Room 3118, Talley Student Center
Paper Science and Engineering ..... McKimmon Center, Western Boulevard
Textile Engineering ..... W. Duke Kimbrell Atrium, Centennial Textiles Complex

College of Humanities and Social Sciences - 1:30 p.m. (except for those marked with an asterisk)

* Communication - 1:00 p.m. ..... Carmichael Gymnasium
English ..... West Raleigh Presbyterian Church, 27 Horne Street

* Foreign Languages and Literatures 12:00 noon ..... 232A Withers Hall

* History **Friday, December 18, 12:30 p.m.** ..... 232A Withers Hall

* Interdisciplinary Studies 3:30 p.m. ..... 232A Withers Hall
Philosophy and Religion ..... Walnut Room, Talley Student Center
Psychology ..... 3313 Wade Avenue
School of Public and International Affairs ..... Highland United Methodist Church, 1901 Ridge Road
Social Work ..... North Carolina Archives Museum, 109 East Jones Street
Sociology and Anthropology (Criminology) ..... 3400 Nelson Hall

College of Management - 11:30 a.m.
Accounting ..... RBC Center
Business Administration ..... RBC Center
Economics ..... RBC Center

College of Natural Resources - 1:30 p.m.
Fisheries and Wildlife ..... McKimmon Center, Western Boulevard
Forestry and Environmental Resources ..... McKimmon Center, Western Boulevard
Parks, Recreation and Tourism Management ..... McKimmon Center, Western Boulevard
Wood and Paper Science ..... McKimmon Center, Western Boulevard

College of Physical and Mathematical Sciences

* Chemistry - **Friday, December 18, 1:30 p.m.** ..... 222 Dabney Hall

* Marine, Earth and Atmospheric Sciences - **Friday, December 18, 1:30 p.m.** ..... 1216 Jordan Hall

* Mathematics - **Friday, December 18, 3:00 p.m.** ..... 2203 SAS Hall

* Statistics - **Friday, December 18, 12:30 p.m.** ..... The Brownstone Hotel, 1707 Hillsborough Street

College of Textiles - 1:30 p.m. ..... W. Duke Kimbrell Atrium, Centennial Textiles Complex
Reception - Immediately following departmental ceremony ..... Convocation Center, Centennial Textiles Complex

ACADEMIC COSTUME

Academic gowns represent a tradition handed down from the universities of the Middle Ages. Universities were founded by the church and 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 different from those commonly used in this country. Some of the gowns are brightly colored 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's have long pointed sleeves; master's are oblong, square cut in the back with an arc cut away in front; doctor's are bell shaped.

Caps are black. The tassels for the Ph.D. degree are gold, and those for other graduate and professional degrees may correspond 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 that 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. Anthropology, History, Languages, Literature, Philosophy, Political Science and Sociology are all dark blue.

ACADEMIC HONORS

Undergraduate degree honor designations are noted on transcripts and diplomas for the following grade point averages.

Cum Laude - for GPA of 3.250 through 3.499 (white sash)
Magna Cum Laude - for GPA of 3.500 through 3.749 (red sash)
Summa Cum Laude - for GPA of 3.750 and above (gold sash)

Students have the opportunity to participate in several programs that provide a more individualized and rigorous approach to learning through special classes, seminars, and research. Participants in the University Honors Program, University Scholars Program, the Park Scholars Program, the Caldwell Scholars Program, and college or departmental honors programs are listed in the full graduation program.

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.

ROTC COMMISSIONING CEREMONY

Lieutenant Captain Stephen D. Matts, Presiding

Talley Student Center
Grand Ball Room
December 19, 2009

Processional March, 4:30 p.m.

Posting Of The Colors	Joint-Service Color Guard
National Anthem	
Invocation	Associate Vice Chancellor Art White
Introductions	Captain Stephen D. Matts *Professor of Naval Science*
Welcome	Chancellor James H. Woodward
Address	Major General Robert E. Milstead, Jr.
Administration Of	
The Oath Of Office	Major General Robert E. Milstead, Jr.
Presentation Of Certificates	General (Ret) Dan K. McNeill Chancellor James H. Woodward Vice Chancellor Thomas H. Stafford, Jr. Associate Vice Chancellor Art White Captain Stephen D. Matts *Professor of Naval Science* Lieutenant Colonel Christopher P. Froeschner *Professor of Aerospace Studies* Lieutenant Colonel Kenneth J. Ratashak *Professor of Military Science* Lieutenant Colonel Timothy W. Nichols *Assistant Professor of Naval Science*
Benediction	Associate Vice Chancellor Art White
Retiring Of The Colors	Joint-Service Color Guard
Recessional	

GRADUATION USHERS AND COLOR GUARD

NC State University would like to thank the Air Force, Army, Marine Corps, and Navy ROTC Units for providing the color guard and ushers for this year's Graduation ceremony.

GREETINGS FROM THE ALUMNI PRESIDENT

Dear 2009 NC State Graduate:

Congratulations. I welcome you to the NC State alumni family – more than 150,000 strong.

Through hard work and diligence, you have succeeded in making a dream come true: a college education. Your NC State degree will change your life forever. I am proud that NC State has played a pivotal role in your life, and I urge you to stay connected to your alma mater through membership in the NC State Alumni Association.

Your membership will keep you connected to friends and classmates through an e-mail forwarding address and online directory. Our award-winning *NC State* magazine will highlight the accomplishments of your fellow alumni (or your own). Through our monthly Prowling Pack e-newsletter, keep informed about events and the latest campus news. Our Web site - www.alumni.ncsu.edu - provides countless opportunities for staying connected and providing feedback.

The Alumni Association can be your home away from home, wherever you go. We have active alumni groups and clubs throughout North Carolina and across the nation. We'll roll out the red carpet for you for Homecoming, reunions, travel offerings and special events. Alumni Career Services can help you pinpoint job opportunities to advance your career. And we'll welcome you with open arms at NC State's new alumni home: the Dorothy and Roy Park Alumni Center, located on shores of Lake Raleigh on Centennial Campus.

Join us. We'll keep you connected, involved and informed. We'll nurture the pride you feel today for NC State into a lifelong bond.

Go Wolfpack!

A. Lynn Daniel '74
President, NC State Alumni Association Board of Directors

UNDERGRADUATE DEGREES

College of Agriculture and Life Sciences

BACHELOR OF SCIENCE IN BIOLOGICAL ENGINEERING
Jointly administered by the College of Agriculture and Life Sciences and the College of Engineering.

Degree Conferred August 4th
Maureen Denise Matroni-Rakes

Degree To Be Conferred December 19th
Tenea Marie Miller
Isaac Matthew Smith
David Ames Stewart
Weston K. Vipond

BACHELOR OF SCIENCE IN AGRICULTURAL BUSINESS MANAGEMENT

Degree Conferred June 23rd
Derek Joseph Haley
Kevin Patrick Logan
Russell David Sayer II

Degree Conferred August 4th
Whitney Hollingsworth Hornaday
Carmen Lee McCall
Norman Freeman Perry III
Cole Beasley Phillips
Mitchell Carl Robinson

Degree To Be Conferred December 19th
Andrew Stuart Blackwell
Daniel M. Cauble +*
Adam Gray Compton
Ashlee Hayden Dickens
Hayes Richard Dorsey
Erin Louise Douglas
Chadwick Lawrence Fox
William Harold Freeman
Samuel Hewitt Fulton IV
Dwight David Gane, Jr.
Bridget Renee Gatlin
Andrew Eugene Gibson
Melinda Lee Gibson
Gregory Blake Greenhaw
Jordan Blake Heath
Dustin Shane Horne
Justin Lane Horne
William Craven Kincaid
Laura Marie Little
Megan Elizabeth Long
Kyle Wesley Massengale
Andrew L. McAllister
Amanda Holder Morgan
Nelson Gene Moses
Hubert Matthew Neal
Seth Barrett Norris
Steven Randall Perkinson +
Ross Andrew Prout
Jack Randal Quidley III
Kimberly Diane Reeves
Vestie Richardson
Inmer Javier Romero
Carson Mark Rose +**
Bradford Ward Rush
Patrick Maxwell Ryan
Ashleigh W. Sholar
James Lawrence Stephenson
James Montel Stewart
Derek Alan Washburn

BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION

Degree Conferred June 23rd
Ronald W. Baxley **
Joshua Kyle Bowles **
William McNeill Shaw

Degree Conferred August 4th
Ted Allen Clayton

Degree To Be Conferred December 19th
Craig Garvin Banton
Amanda Leigh Clontz *
Whitney Marlena Hill
Bryan M. Williams ***

BACHELOR OF SCIENCE IN AGRICULTURAL SCIENCE

Degree To Be Conferred December 19th
Diane E. Ferello **
Kimberly Crane Riggs

BACHELOR OF SCIENCE IN AGRICULTURAL AND ENVIRONMENTAL TECHNOLOGY

Degree Conferred August 4th
Jared B. Johnson

Degree To Be Conferred December 19th
Lucas Martin Miles
Carson Mark Rose +**

BACHELOR OF SCIENCE IN AGRONOMY

Degree Conferred June 23rd
Jason Scott Gore
John Seth Holt
Luther Ellias Moore

Degree Conferred August 4th
Joseph Tyler Ashworth

Degree To Be Conferred December 19th
Brandon M. Belch
Michael D. Brewington
Matthew Allen Perry

Gregory Raymond Cols
B.S. in Civil Engineering
Raleigh, North Carolina

BACHELOR OF SCIENCE IN ANIMAL SCIENCE

Degree Conferred June 23rd
Stephanie Lynn Jones

Degree Conferred August 4th
Catherine Elizabeth Collier *
Kaydee Lyann Lyons
Mallory Genine Neill
Roberto Rene Rosales, Jr. *
Krystal Rene Teague
Elizabeth Anne Whalen +^**
Rebecca Louise Wolf **

Degree To Be Conferred December 19th
Michael Lynn Allred II
Corey M. Ballou
Tiffany Ameika Barnes **
Lindsey Brooke Barnhardt **
Eric Mitchell Buffkin
Amanda Blair Burleson **
Jacob Cole Callahan
Victoria Elizabeth Cann
Rebecca Allison Craig
Brooke Lea Daniel ***
Emily Sue Denton
Jennifer E. Duncan
Frank Thurston Fields
Melissa Elizabeth Guerra
Micah Lee Gwartney
Holly M. Humphries ***
Kenneth Bradley Hutzler
Katherine Ann Jackson ***
Mary-Kathleen Nicole Knipper
Makenzie Blair Laws

*Cum Laude
^College Honors Program

**Magna Cum Laude
+Co-Major

***Summa Cum Laude

Lauren Hillary Liles
Lauren Elizabeth Magazis
Emily M. Maynard
Kathryn Chelsea McKenzie
Kimberly Nicole McCreary
Kristin Leann Moore
Jessica Nomina +^**
Christopher Charles Nystrom **
Erica Nicole Peele
Devin Terrell Perry **
Virginia English Pinkston
Carly Michelle Rhyne +^**
Crystal Ann Roberts **
Megan Amelia Roberts +
David Joseph Stewart

BACHELOR OF SCIENCE IN APPLIED SOCIOLOGY

Degree Conferred June 23rd
Amber Lene Carr

Degree To Be Conferred December 19th
Austin Theodore Binard
Colleen Evette Gillis
Meghan Elizabeth Lock
Tiffany Nicole Williams

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Degree Conferred June 23rd
Kavel Avinash Bhathela *
David John DeYoung, Jr. **
QuNeisha Jamise Marshall

Degree Conferred August 4th
Thomas Anthony Caristo
Mariatu Ashake Cole **
Maisha Haque
Rasika Gautam Khatu *
Warren Carter Long
Chandni P. Patel ***

Degree To Be Conferred December 19th
Jenny B. Baucom *
Gina F. Beck ***
Kindra Beth Bonner
Kirstin Nicole Bradley ^*
Young Myong Cho +*
W. Alexander Dalrymple +***
Francis George Davis
Devas Bipin Gandhi
Ashley Nichole Green
David Alan Hurt +^***
John Michael Kepley ^***
Jia A. Kim ^*
Vincent Kam Lee
Sasan Mahmoudi*
Joshua Joseph Mauro
Tampopo Morinaga +
Evan Willis Mote +
Dan-Huy Pham Nguyen +*
Jaini G. Patel
To Quyen Thi Pham
Nicholas Ryan Schuch
Sarah E. Schuett
Alicia Coker Smith +^**
Ryan H. Tuck
Dalon Paul White +
Jeremy Samuel Wilkes **
Adrienne L. Yancey ***

BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

Degree Conferred June 23rd
William Cole Andrew, Jr. ^***
Joshua Adam Britt *
Megan Elizabeth Eure
Akil Ajamu Graves
Allisyn Lindsey Kennedy +^*
Kaitlyn Ashley Kennedy +^*
Brandon Paul Maynard ^*
Michael Anthony Patti
Mylad Haj Piroozbakht
Eliza Katharine Ruffner *
Chantal Erayna Sanders
Sarah E. Tilley *

Degree Conferred August 4th
Andrew Thomas Alston
Charles Kristian Childers **
Alicia Chong *
Rebecca Marice Eison
Jordan Matthew Ford **
Laura Katherine Fox *
Cara Ann Graham
Shazia Hasan
Vishal Ramesh Patel
Michael Stephen Perros
Danielle Leigh Price
Rhonda Kay Reid
Brian A. Riviere
Varun Sehgal
Brittany Nicole Shadd
Kyle Andrew Sink
Arlis C. Suggs
Rebecca Louise Till *
Natalie Anne Turkaly
Ulunma Natalie Umesi +
Daniel Whitley III **
Philip G. Yandall
Ian Gregory Zarate

Degree To Be Conferred December 19th
Elyse Catherine Adams *
Abid Khan Afridi
Nathaniel Allred
Juan Andres Asturias *
Justin Ryan Augsburger
Matthew M. Aycock
Nathan Gary Bawtinhimer
Huda Tanveer Bhatti ***
Matthew Ray Boles +
Danna M. Bradley
Lakisha M. Brandon
Jared Ethan Chauncey +^*
Young Myong Cho +*
Kyle L. Craver
Brittany Lorraine DeMuro
Juliette Lynn Dorman
Sharanda N. Easter
Savanna Hunt Edmiston
Thomas Edward Fenton
Kenda Takiyah Freeman
Catherine Frances Frock ^***
Victoria Marie Gammons *
Margret Elizabeth Gardner ***
Asia Camille Gray-Battle *
Abby Lee Griffin +
Felee Guzman Byrd
Lillian Alexandra Hanes
Shamita Yevette Hicks **
Jaron Hinton
James Gustavus Hostetler
Bao Z. Huang ***
Khalil Abed Itani
Jaclyn Marie Jazwa
LaDonna Tamika Joseph
Kathleen Marie Keller **
Caitlin Patricia Kelly **
Ayesha Khadeeruddin
Amanda L. Kilburn ***
Michael L. King
Chelsea Rae Kuykendall
Jordan Garrett Lee
Andrew Christopher Lester
Andrea Lynette Lukomski **
Ashley Nicole Massey +**
Sarah Elizabeth McCauley *
Bradley Steven Moffitt
Evan Willis Mote +
Jasmine R. Myers
Xiao Juan Ni +^***
Jessica Nomina +^**
Theresa Ann Otranto
Amanda Denean Owens *
Ashleigh Barbara Pappadake ^**
Daniel Sang Park
Meredith Allaria Parr **
Jennifer Michelle Payne
Kavon Justin Ravanbakht
Carly Michelle Rhyne +^**
Shannan Nicole Rodriguez **
Christopher Rae Rosales
Brandi Alyce Rothrock +
Johanna Marlies Schafer ^***
Jessica Nicole Slangal **
Christopher Charles Sykes
Michael C. Thompson **
Amy Denice Trinchard *
Jordan Speed Veal
Samantha Jo Wentzell
Tamara Lee Laquetta Williams
Tamiya L. Wilson
Whitney Renee Wise *
Stephen Garrett Witt
Alain Yang

* Cum Laude
^College Honors Program

**Magna Cum Laude
+Co-Major

***Summa Cum Laude

BACHELOR OF SCIENCE IN BOTANY

Degree Conferred August 4th
Ulunma Natalie Umesi +

Degree To Be Conferred December 19th
Abby Lee Griffin +
Whitney Danielle Hobart

BACHELOR OF SCIENCE IN CRIMINOLOGY

Degree Conferred August 4th
Briana Lenore Cunningham
Latisha Danielle Odom

Degree To Be Conferred December 19th
John Andrew Faucette
Tashonda Haugabrook
Megan Amelia Roberts +
Brandi Alyce Rothrock +
Jessica L. Sillmon
David Michael Wright
Sarah Elizabeth Yandle

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCES

Degree To Be Conferred December 19th
Mary Elin Arnaudin **
Robert Randall Moore

BACHELOR OF SCIENCE IN EXTENSION EDUCATION

Degree Conferred August 4th
Eric James Ballard
Tyler Samuel Bennett
Kevin Vaughn Bryant
Hugh Therman Hardee IV
Shelly Marie Moore
Derek Van Morris

Degree To Be Conferred December 19th
Alexander Campbell Freeman

BACHELOR OF SCIENCE IN FOOD SCIENCE

Degree To Be Conferred December 19th
Xia Meng +
Sarah A. Smathers +

BACHELOR OF SCIENCE IN HORTICULTURAL SCIENCE

Degree Conferred June 23rd
Bobby Keith Jones
Benjamin Earl Wright

Degree To Be Conferred December 19th
Elizabeth Denise Bridges ***
Rose A. Caldwell *
Daniel M. Cauble +*
Grayson Cooper Hodges
Brian Theron Jennings *
Justin Biggs Jordan
Jonathan Michael Joyner
Jennifer Briann Lundy
Thomas Hunter Mitchell
Krista Peterson Morgan
Robert Lee Nichols III
Tyler Jack Parker
Patrick Sherman Robbins
Maria Joan Sanchez **
Laura J. Wright ***

Tashonda Haugabrook
B.S. in Criminology
Kannapolis, North Carolina

BACHELOR OF SCIENCE IN MICROBIOLOGY

Degree Conferred June 23rd
Anna Lisa Baker ***

Degree Conferred August 4th
Matthew William DeLellis
Sweta N. Patel

Degree To Be Conferred December 19th
Theresa Bitticks
Rebecca Lea Buie
William Ellis Harris **
Sarah Elizabeth Horton
Xiao Juan Ni +^***
Sarah Beth Peters
Ting Wei +
Dalon Paul White +
Valerie A. Yager **

BACHELOR OF SCIENCE IN NATURAL RESOURCES

Degree To Be Conferred December 19th
Elyse Marie Procopio **
Rohil Vinod Shah

BACHELOR OF SCIENCE IN NUTRITION SCIENCE

Degree Conferred June 23rd
Lauren Elizabeth Daughtery **

Degree Conferred August 4th
Steven Matthew Denning
Amy Elizabeth Edens *

Degree To Be Conferred December 19th
Amy Anderson
Molly Collins **
Lauren E. Deans **
Meghan Alice Donovan
Hannah Lyn Heil
Matthew Horton *
Christine Joan Lamb
Ashley Marie McPhail
Xia Meng +
Joowon Seo *
Meghan Elizabeth Shaver
Sarah A. Smathers +
Gabriella Nicola Stern *
Shelly Ann Tkach ***
Alexandra Dawn Troxler ***

BACHELOR OF SCIENCE IN PLANT BIOLOGY

Degree To Be Conferred December 19th
Jared Ethan Chauncey +^*
Allisyn Lindsey Kennedy +^*
Kaitlyn Ashley Kennedy +^*
Ashley Elizabeth Lyon
Shaquia J. Phillips
Daniel Elijah Wrenn

BACHELOR OF SCIENCE IN PLANT AND SOIL SCIENCES

Degree To Be Conferred December 19th
Phillip Ryan Faulk **
William Wade Stanaland

BACHELOR OF SCIENCE IN POULTRY SCIENCE

Degree Conferred June 23rd
Grady Howard McDonnell

Degree Conferred August 4th
Terry Douglas White

Degree To Be Conferred December 19th
Crystal Renea Mitchell
Analdo Samuel Morris
Jessica Elizabeth Nixon
Justin Paul Sinclair

* Cum Laude
^College Honors Program

**Magna Cum Laude
+Co-Major

***Summa Cum Laude

BACHELOR OF SCIENCE IN TURFGRASS SCIENCE

Degree To Be Conferred December 19th
Martin F. Baker *
Patrick Stephen McCachren ***
Joseph Trent Nelson
Christopher Perry Schultz
Robert Sadler Stowe
Walter M. Winoski III

BACHELOR OF SCIENCE IN ZOOLOGY

Degree Conferred June 23rd
Meghan Noel Martzolff
Heather Nicole Myers

Degree Conferred August 4th
Amy Danielle Bullins
Susana Nicole Churion
Stacia Schlynn Simpson
Sarah Margaret Stephens *

Degree To Be Conferred December 19th
Plutarco Acosta
Heather E. Bane
Cameron Harrell Barber
Derek Matthew Cline
Randall Elizabeth Collins
Imari Leticia Sophia Colon
Craig Allen Conklin
Jessica Marie Evans ***
Lindsey Amanda Garner
Brittany Ann Halverstadt
David Alan Hurt +^***
Caitlin Suzanne Jackson
Asim Jameel Wilson Kamal
Taylor Kathryn Lane
William Edward Peters
Cathrena Elizabeth Samodurov
John Charles Ward III
Stephanie June Whitlark
Barbara Anderson Williams
Pa Nhia Yang*

College of Design

BACHELOR OF ARCHITECTURE

Degree Conferred August 4th
Christopher Arthur Hazard *

BACHELOR OF ART AND DESIGN

Degree Conferred June 23rd
Alina Natasha Patel **

Degree Conferred August 4th
Scott McAfee Gaston ***
William Behrens Hagna **

Degree To Be Conferred December 19th
Cassie Holt Armistead
Sara Leslie Bradshaw **
Amanda Renee Copeland +
Charlotte Brooke Guice **
Diane Hagan +
Madison S. Langley *

BACHELOR OF ENVIRONMENTAL DESIGN IN ARCHITECTURE

Degree Conferred June 23rd
Miller Dailey Taylor ***
Joshua Wells

Degree To Be Conferred December 19th
David August Skoog *
Dennis Larron Yancey

BACHELOR OF GRAPHIC DESIGN

Degree Conferred August 4th
George Henry Lamontagne III +**

BACHELOR OF INDUSTRIAL DESIGN

Degree Conferred June 23rd
Joel Eric Forbes **

Degree Conferred August 4th
George Henry Lamontagne III +**
Alex Warren McCall *

Degree To Be Conferred December 19th
Mark Curtis Hagen ***
Jeremy Grant Lanier *
Robert Adam Parchman **
Julianna Theresa Pitts **

BACHELOR OF LANDSCAPE ARCHITECTURE

Degree Conferred August 4th
Casey Morgan Coats ***

Degree To Be Conferred December 19th
Wesley M. Brown
Kwaku Darko Gyamfi
Matthew Thomas Holt **
James Allen Joyce*
William Bernard Seippel III *

College of Education

BACHELOR OF SCIENCE IN BUSINESS AND MARKETING EDUCATION

Degree Conferred June 23rd
James Richard Hardy, Jr. *
Louis Joseph Pascucci

Degree Conferred August 4th
Katharine Marie Davis *

BACHELOR OF SCIENCE IN EDUCATION, GENERAL STUDIES

Degree Conferred June 23rd
Cayla Amanda Bell

Andrew M. Gossett
B.S. in Computer Engineering
B.S. in Electrical Engineering
Oak Ridge, North Carolina

Degree Conferred August 4th
Jordan Elizabeth Scott
Nathaniel Allan Stone

Degree To Be Conferred December 19th
Rachael Michelle Burcham ***
Millie Rose Burnette
Kendra C. Collins
Bridget Suzanne Dix
Catherine Leigh Martin
Danielle Christen Sanford
Tyler S. Smither
Natasha Lashay Stellmacher +
Derek Damian Torres

* Cum Laude
^College Honors Program
**Magna Cum Laude
+Co-Major
***Summa Cum Laude

BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

Degree Conferred June 23rd
Rebecca Marie Parrish
James Aldridge Shuler *

Degree To Be Conferred December 19th
Emily Brianna Myers

BACHELOR OF SCIENCE IN MATHEMATICS EDUCATION

Degree Conferred June 23rd
Emerald Celeste Strickland

Degree Conferred August 4th
Aaron Michael Singer

Degree To Be Conferred December 19th
Scott Collins Alexander
Austin Seth Carter
David M. Glosson
Ryan M. Hatley
Melinda Marie Laviano
Kathryn Plowden Long *
Mackenzie Erin Mangum *
Ksenia Joanna Nierobisz
Brittany Noelle Sipler *
Nicole Kepler Stephenson
Jonathan Thomas Todd
Sarah Dale Williams

BACHELOR OF SCIENCE IN MIDDLE GRADES EDUCATION

Degree Conferred June 23rd
Emily Echo Hurr
Emily Michelle Young *

BACHELOR OF SCIENCE IN SCIENCE EDUCATION

Degree Conferred June 23rd
Drew Benjamin Daniel *

Degree Conferred August 4th
Brooke Hodges Gainey *

Degree To Be Conferred December 19th
Casey Ryan Allen
Christopher Daniel Culp, Jr.
Janice K. Peacock

BACHELOR OF SCIENCE IN TECHNOLOGY EDUCATION

Degree Conferred August 4th
Alexander Gregory Kiser
Logan Gunter Smith
Corey Leon Turner

Degree To Be Conferred December 19th
Anna Clair Abernethy
Linh Nguyen Altork
Richard J. Ambrose
Taylor A. Baldwin *
Cameron Kyle Black
Benjamin Scott Bradsher
Travis Dillon Clay
Mollie Elaine Heavener
Timothy Ryan Moore
Christopher Leonard Phipps
Joseph Totherow

College of Engineering

BACHELOR OF SCIENCE IN BIOLOGICAL ENGINEERING
Jointly administered by the College of Agriculture and Life Sciences and the College of Engineering.

Degree Conferred August 4th
Maureen Denise Matroni-Rakes

Degree To Be Conferred December 19th
Tenea Marie Miller
Isaac Matthew Smith
David Ames Stewart
Weston K. Vipond

BACHELOR OF SCIENCE IN PAPER SCIENCE AND ENGINEERING
Jointly administered by the College of Natural Resources and the College of Engineering.

Degree Conferred August 4th
Shelly Jones Johnson **

Degree To Be Conferred December 19th
Amber Cathleen Bruk *+
Catherine Audet Currence +***
Mark Austin King +
Metts W. Potter +***
Sean Michael Warby +

BACHELOR OF SCIENCE IN TEXTILE ENGINEERING
Jointly administered by the College of Textiles and the College of Engineering.

Degree Conferred August 4th
Aaron Bradshaw

Degree To Be Conferred December 19th
David W. Allen
Joseph Edward High
Jamal Rashad Irving +***
Dennis J. James
Jamie Lynn Mogel
Lindsay B. Money
Joshua E. Patrick

BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

Degree Conferred June 23rd
Daniel Thomas Duncan *
John Patrick McGowan III
Timothy Neil Philbrick Wyatt

Degree Conferred August 4th
Nolan Leander Cousineau
Anatoli Vladimirovich Doutov
Shay Alan Poczontek

Degree To Be Conferred December 19th
Amirali Tavassoli

BACHELOR OF SCIENCE IN BIOMEDICAL ENGINEERING

Degree Conferred August 4th
In Ho Choi *
Caitlin Anna Taaffe

Degree To Be Conferred December 19th
Jamal Rashad Irving +***
Michael Ward Jolly, Jr.
Phillip Owen Jones
Ashwin Rajan Sakhare ***
Andrew Wilson White ***

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Degree Conferred June 23rd
Jamie Leigh Forbis
Tamara Lynn Robertson

Degree Conferred August 4th
James Michael Williams ***
Melissa Marie Wood

Degree To Be Conferred December 19th
Amber Cathleen Bruk *+
Catherine Audet Currence +***
Andrew Parker Hedgpeth *
Ryan Thomas Kerns **
Mark Austin King +
Tony Curtis Marsh
Stephen Alexander McLaughlin *
Osamede Brendan Ohuoba
Metts W. Potter +***
Rebecca Lynn Simmons
Sean Michael Warby +

* Cum Laude
^College Honors Program

**Magna Cum Laude
+Co-Major

***Summa Cum Laude

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Degree Conferred June 23rd
Paul Sung-Po Ku
Jonathan Lewis Page
Michael Anthony Roselli
Nicholas Adam Schultz **

Degree Conferred August 4th
Vincent M. Grainger
Nathan Ray Tanner

Degree To Be Conferred December 19th
Samuel Ross Alexander
Francis Ashitei Anum
Paul Ryan Barrett ***
John Hilton Best III
Jessica Lee Booker
Christopher William Brown *
Lukas Scott Burgher **
Zachary Gray Cashatt
David William Chickering
Robert Mundy Cochrane
Spencer James Collins
Gregory Raymond Cols ***
Kyle Herbert Compton
Stephen Christopher Crockett
Jeremy Daniel Cross
Troy Matthew Dellinger +*
Dalton Jarred Glenn Fuller *
John Samuel Fuller
Jonathan Philip Gerdes
Steven Ryan Gibson **
Eric Abraham Gonzalez +
Preston Ray Gregg
Nicholas Marshall Hanes
William Jesse Hanlin +
Andrew Scott Harrington
John Scott Hilgoe
Charles John Huelsman
Ahmad Ighwair
Colin Maxwell Jenest
Wei Jiang **
Benjamin Lamb Johnson *
Brittney D. Kelly
William Alan Larsen
Shing Long Lau
Samuel Charlie Lawhorn
Matthew Thomas Layden
Phillip Ryan Ledford
Christopher Alan Lewis
George Welch Liles III
Daniel B. Locke
Jeremy Adam Marquis
Christopher Ryan McDuffee
Brendan Wade Merithew
Benjamin Thomas Mielke **
Brian Richard Mielke **
Jessica C. Moody
Jon Durham Morgan
Ignacio Antonio Nunez Feliz
Tyler R. Pendry *
Scott Thomas Pyrch
Tyler Risdon
Brian Lee Schrage, Jr.
Robert Paul Schramm
Daniel Schurman
Daniel Chad Simmons
Adam Louis Sisk **
Kelly Patrick Smoot
Clint A. Spivey *
Brian Matthew Statler
Eric Scott Stover
Graham Dewey Strother
Joseph Glenn Thomas
James Edward Vigen
Jordan Bailey Watkins
Justin Coy Weaver
John William Wiles
Basil K. Yap

Alexandra Dawn Troxler
B.S. in Nutrition Science
Brown Summit, North Carolina

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Degree Conferred June 23rd
Aaron Christopher Medford +

Degree Conferred August 4th
Justin Tyler Berry +

Degree To Be Conferred December 19th
Otto Afanador +
Timothy Allen Beidleman +*
John N. Boaz +*
Margaret Wanjiku Boro +
Nathaniel Charles Dickens
David Edward Enfinger +**
William Joshua Fisher +***
Brett Michael Gibbens +
Andrew M. Gossett +***
Scott Ryan Hilbert +*
Lamar Jay Horton
John Miles Hunt *
Gordon C. Jeans
Michael Wayne Jones +
Scott Bradley Klein ***
James Andrew Lance
C'Nece Rochelle Lewis
Ryan Joseph Liebzeit +
Alan David Martin ***
Blake Edward Miller +**
Matthew Nile Miskiewicz +***
Michael Christopher Patrick +
Narayan Datt Persaud, Jr. **
Kyle Edward Phelps +
John Richard Poole +**
Benjamin Scott Riggan *
Bjorn A. Svinis ***
Derek Edward Trepanier *
Dustin Owen Vaughan +**
Robert Dani Vercellino
Lance Joseph Walker +
Robert Matthew Walston +
Johannes Albertus E. Wolfkamp +

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Degree Conferred June 23rd
Josef Michael Bacik
Thomas G. Doucette
Jasper Horng *

Degree Conferred August 4th
Brandon Brightmon Holliday
Yi-Lin Yang

Degree To Be Conferred December 19th
Neil Adam Aleshire
Andrew Dale Austin **
David Joseph Bleaking *
Jason Reece Boone **
Bruce Johnston Brown III
Derek J. Brown **
Ryan Conrad Burger ***
Brian Carleton Cutler
Drake A. Davis
Fatih Ergin
Ruben Miguel Gonzales
Jessica J. Graham **
Sam Gupta
Jonathan Jae-Sung Hwang
Ying Lin
Jonathan Daniel Mason
Philip Ansel McClellan II ***
Vishal Lal Nandwani
Scott R. Pecnik +**
Michael Anthony Salcedo
Garrett M. Sewell
Chaula A. Shah
Yusuf Ali Simonson **
Jason Christian Smith *
Justin William Smith ***
Anish Sukumaran **
Donald Edward Swartz, Jr.
Richard Eugene Taylor III
Samantha Ming-Ting Wen
Michael D. Wheeler
Michael Alan Whidby *

* Cum Laude
^College Honors Program
**Magna Cum Laude
+Co-Major
***Summa Cum Laude

BACHELOR OF SCIENCE IN CONSTRUCTION ENGINEERING AND MANAGEMENT

Degree Conferred June 23rd
Michael Paul Balint
Harold Gordon Livingston **

Degree To Be Conferred December 19th
Jess Edward Adams
Troy B. Brooks
Christopher Paul Burton *
Eric David Flynn
Danelle Alyce Gambrell
William Jesse Hanlin +
Robert Jerry Hoffman
Robert Fleming Jarman
Joseph Ross Kennedy
Cameron Wade Montgomery
David Ryan Sapp
Geoffrey Douglas Smith *
William Joseph Trogdon III
Jacob Keith Watkins

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Degree Conferred June 23rd
Earl McGehee
Aaron Christopher Medford +
John Kyle Strickland

David Wayne Allen
B.S. in Textile Engineering
McLeansville, North Carolina

Degree Conferred August 4th
Justin Tyler Berry +
Victor E. Conner, Sr.
John Eugene Crume, Jr.
Aurash Ehsaei ***
Tiquan Derrell Gilliam
Amy A. Klooz
Philip Wilkerson Lane

Degree To Be Conferred December 19th
Otto Afanador +
Terrance Theodore Bache **
Zachary Calvin Barnett
Timothy Allen Beidleman +*
John N. Boaz +*
Zachary Steven Bodenheimer
Margaret Wanjiku Boro +
Christopher Todd Boyd **
Jason Andrew Burkhart *
Jacob Bryant Carpenter ***
Jason Daniel Chopin *
Jay William Claiborn
Carmen Rickie Coates
David Edward Enfinger +**
Jikai Feng
William Joshua Fisher +***
Brett Michael Gibbens +
Andrew M. Gossett +***
Jacob Tyler Griffith **
Tyler Mathias Hall
Baird Macaulay Hendrix *
Scott Ryan Hilbert +*
Michael Wayne Jones +
Nelson Lee Kent, Jr.
Junghee Ko +
Michael Andrew Kurczek, Jr.
James Scott Ledford ***
David Edward Lee **
Ryan Joseph Liebzeit +
Gerald Francis Main
Joshua A. Martin
Blake Edward Miller +**
Matthew Nile Miskiewicz +***
Samuel Allen Moseley
Jalpesh I. Patel
Michael Christopher Patrick +
Danny Lee Peele
Kyle Edward Phelps +
John Richard Poole +**
James Robert Purcell
Daniel Miles Ranck ***
Annas Bassam Shaker *
Parker Lamar Sherard
Kyle Brooks Siminitz *
Kenny Van Tran
Jonathan Eric Tucker
Dustin Owen Vaughan +**
Lance Joseph Walker +
Richard Ian Wall *
Robert Matthew Walston +
Kevin Dewayne Wattenbarger *
Johannes Albertus E. Wolfkamp +

BACHELOR OF SCIENCE IN ENGINEERING

Degree Conferred August 4th
Joseph Luke Peters

Degree To Be Conferred December 19th
Drew E. Perkins **
Brian David Young

BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Degree To Be Conferred December 19th
Susan Ennis Dunn **
Collin Ross Hiltner
Trace Robinson Howell
Debra Lee Kantner
Andrew Joseph McNamara +***
Yukiko Puram *

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Degree Conferred June 23rd
Marcus D. Alexander
Ryan Patrick Moore
Nicholas Alexander Wellet ***

Degree Conferred August 4th
Charles Levon Jones

Degree To Be Conferred December 19th
Laura Catherine Austin
Michael Brandon Brown *
William Burton Heath ***
Natasha Alicia Herting
Jillian Marie Mansi Johnson ***
Alyson Marie Marson **
LaStella Miles ***
Jacob Morgan Robinson
Nathan Lowell Smith
Andrew James Swanson
Sherena M. Thurman
Jonathan C. Woodall **

BACHELOR OF SCIENCE IN MATERIALS SCIENCE AND ENGINEERING

Degree To Be Conferred December 19th
Katrina Lee Zmithrovitch **

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Degree Conferred June 23rd
Mathew John Bertalot
Bradley Keith Hondros
Jonathan Barrett Laughrun
Aaron Nathaniel Yeargin

Degree Conferred August 4th
Michael Ernest Ammerman
Sonny Ray Godwin, Jr.
Donald Joseph Lenfestey *
Shawn William Mims *
Phong Huu Nguyen
Adam Joseph Pallaci
Matthew Robert Shaul
John Henry Vaders ***
Andrew Vernon Wood

* Cum Laude
^College Honors Program

**Magna Cum Laude
+Co-Major

***Summa Cum Laude

Degree To Be Conferred December 19th
Nadeem Mohiuddin Ansari **
Eric Joseph Anstoetter
Carrie Lynn Austin
Gary Dwayne Bailey, Jr.
Nicholas Alexander Baker
Rachael Porter Barker +***
Carrie J. Baughman ***
Samuel David Berger ***
Edward Blair Boyd
Justin Jerome Bridges
Michael Winfield Broad ***
Andrew D. Brown
Mitchell Zane Brown *
Jeremiah Daniel Bunting

Henryk E. Orlik
B.A. in International Studies
Covington, Louisiana

Charles Elliot Canupp *
Adam Tyler Carden
Paul Michael Denny, Sr.
Michael Noah Dieck
Gregg Charles Dodson II
Benjamin Dombrowski
Thomas Coltrane Eldridge
Jason John-Edward Garms **
Anthony Stefan Gazzia
Nathan Lee Glunt **
Nicky Alexis Gomez-Pretzer
Addison L. Gurganious
Caleb Grant Harris
Evan Lynn Hendrix
Rebecca Diane Hilton
Weston Lee Hockaday *
Nathan David Johnson
Abdoulaye Kamara
Justin B. Katz
Brandon Leigh Kaufman
Brian Evan Keatts
Garrett Vaughan Keener
Eric James King
Scott Richard Kingston
Ryan S. Kirkendall
Brian E. Klinepeter
Roman Kotliar
Spencer Brotherton Kurtz
Drew Cleveland McManus
Thomas Joseph McAlpin *
Lewis Johnson McBane
Jonathan David McClain
Saleem Cox Merkt *
Jennifer Lynn Merrill **
Brett Taylor Minnick
Robert Raymond Morrison IV
Nathaniel Mark Mullins
Adam Davis Newson
Santiago Ordonez *
Bryan Edward Owens *
Eric Louis Pinnell
James Isham Pittman *
Kevin Mackie Rawls **
Jeremy David Reid
Mitchell Rieck
Jason Michael Royster
Bradley Irving Smith
Patrick Ryan Smith *
Tony Boyd Tang *
Joshua David Thomas
Michael Steven Thomas ***
Taylor A. Thompson
Justin Douglas Todd
David John Varel
Craig Lee Westphal
Derrick T. Woodfield

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

Degree Conferred August 4th
Vincent Anthony DiNova, Jr.

Degree To Be Conferred December 19th
Thomas Wesley Holmes
Jeremy Bo Nobles

College of Humanities and Social Sciences

BACHELOR OF ARTS IN AFRICANA STUDIES

Degree Conferred August 4th
Jacqueline Wileen Holder

Degree To Be Conferred December 19th
Carrie Denise Minique Rhyns
Shaneka Chante Thurman *

BACHELOR OF ARTS IN ANTHROPOLOGY

Degree To Be Conferred December 19th
Daniel Robert Fuller *
Aubrey Marie Kaufman *
Ashley Nicole Massey +**
Bennett Y. Narron ***
Aaron Samuel Poteate
Ashley L. Reef ***
Erin Alyssa Sabo
Jeffrey Paul Schneider ***
Matthew Greer Shaw
Mwimba King Tiya
Matthew Mark Warren ***

BACHELOR OF ARTS IN ARTS APPLICATION

Degree Conferred June 23rd
Thomas Leroy Holmes III

Degree Conferred August 4th
Bailey Caroline Collins

Degree To Be Conferred December 19th
Jessica Lynn Clark **
James Ryan Cooke **
Meredith Lanier Craig
Ragan Graham Dalton
John Thomas DeMarsico
Marlowe Joanna Dutton
John M. Guess
Daniel Eric Hall
David James Hambridge
Andrew R. Johnson +*
Carrie Ann Kavadias
Ming Yan Liu
Michael Joseph Murray *
Ian Patrick Simpson ***
Adam Brooks Slack
Jesse Curtis Triplett
Teppei Umeno
Tim Tyson Upchurch, Jr.
Amber Ida Anne Webster
Kayla Nichole West

BACHELOR OF ARTS IN COMMUNICATION

Degree Conferred June 23rd
Katherine Elizabeth Carlton
Jonathan Ross Carpenter
Leighann Adkins Cleland **
Jennifer A. Love
Sydney Lorraine Shields
Eric Howard Tschudi
Joseph Terry Wells
David L. Yarbrough

Degree Conferred August 4th
Robyn Courtney Daniel

* Cum Laude
^College Honors Program
**Magna Cum Laude
+Co-Major
***Summa Cum Laude

Jaclyn Elizabeth Sunseri
Elizabeth Anne Whalen +**

Degree To Be Conferred December 19th
Erica Mae Bailey
Lyndie Jean Benson
Caitlin Marie Blackerby *
Meagan Elizabeth Bosnjak **
Darren Joseph Brennan
Jessica L. Bricker **
Lauren Elizabeth Bridges
Dana H. Brinkley **
Marcellina Marie Burch
Kimberly Elizabeth Byrd
Carla Rosa Chirico
Leah Craig Chumbley **
Mindy Leigh Corriher **
Sarah Elizabeth Cozee
Amber Tinnelle Crocker
Joseph Philip Crutchfield
Kelly Anne Culbreath
Lena Aubree Denning
Amanda Katherine Druck
Ian Cameron Dunne *
Rebecca Ann Franklin **
Paul Ryan Frateschi *
Paul Marquise Fullmore
Lauren Elisabeth Gavrelis
Corallie Nichole Gines
Eric Abraham Gonzalez +
Paula Anita Hagan
James Reginald Hall, Jr.
Tanesha L. Hamilton
Syreeta Devon Hargrove
April Renee Hartley
Anna Marie Holland
Celeste K. Hurtig **
Riki Katherine Iverson
Paul Marshall Jones ***
Elizabeth Sinclair Keefe
Jennifer Laura Klaich
Lauren Elizabeth Kotwicki
Alexander Munkelt Lancia
Tiffany N. Langley
Theresa Elizabeth Loflin **
Tyler William Kemp Lowry
Jaclyn Burke Maloomian
Patrick Martin McElroy +*
Kathleen Ann Mongero
Dustin Lee Moody
Carter S. Neely
Mansoor Omar
Allegre Nicole Peavy
Carrie Ross Purgason
Linsi Elise Robinson
Jennifer Rodriguez +
Sarah Elizabeth Rountree
Joshua Michael Snyder
Dana N. Squire *
Tyler Ballentine Steele
Sydney Elizabeth Stone
Michael Liston Thompson
Ryan Christopher Tice
Sarah Ellen Watson *
Cassidy Weathersby
Lynette Artrice Williams

BACHELOR OF ARTS IN CRIMINOLOGY

Degree Conferred June 23rd
Robert Edward Keller

Degree Conferred August 4th
Daniel Lloyd Barber
Adam Clayton Brackett
Marvin Gilbert Hobson III
Andrew Davis Junkin

Degree To Be Conferred December 19th
Lawrance Peter Andrus, Jr.
Kimberly Ann Blanton
Brandon Adam Cameron
Sarah Elizabeth Craven
Justin Andrew Dentel
John H. Dunlap
Ryan David Liska
Stefan C. Mazzara **
Zachary H. Pittman
Andrew T. Salmon
Natasha Lashay Stellmacher +
Christopher Patrick Willauer *
Matthew Charles Wummel
Ernest Arnold Youhouse III

Emma Jeanette Norton
B.S. in Textile & Apparel Management
Asheville, North Carolina

BACHELOR OF ARTS IN ENGLISH

Degree Conferred June 23rd
Leah Amber Cobble *
Kasey Lynn Hale
Katharine Claire Mullaney

Degree Conferred August 4th
Meghan Barrett
Thomas Grayson Cox
Christa Ann Kaighn *
Daniel Shamus Ryan

Degree To Be Conferred December 19th
Rachael Porter Barker +***
Emily A. Boros ^***
Kelly Susan Carlyle
Ryan Christian Cook
Matthew James Daley
Benjamin Louis Duvall
David Paul Festin
Elijah J. Gaddis ^***
Chelsea Nicole Gregg
Scott Daniel Harris
Austin Zane Jones +
Kanen Michael Lawson
Rebecca Leigh LeRoux *
Rachel J. Mangum ***
Michael Thomas Mayo
Porshia Sade McLain +
April Patrice Mial
Paul Caine Middleton
Scott Reid Miller **
Jamie Nicole Mills *
Matthew Jason Mobley *
Cassandra Elizabeth Moore
Elizabeth L. Morgan **
Deidra Marie Morris
Matthew C. Morse
Andrew Mattison Newman
Jonathan Isaac Owens
Michele Kim Pendergast
Brittany A. Prater
Mark Taylor Preston, Jr. ***
Cory Thomas Puryear
Joanne Marie Query ***
Nicholas Joseph Ragazzo
Jonathan William Rand
Bryant Jeffrey Ray
Amelia Adair Seaver
Jocelyn Cary Tiller *
Daniel S. Voss
Amanda Lynn Waite
James Brooks Whitesell
Jenna Elizabeth Yow

BACHELOR OF ARTS IN HISTORY

Degree Conferred June 23rd
Emily Bone
Nelson Fredrick Crow
Christopher John Dickey

Degree Conferred August 4th
Timothy James Craig
Cory Fogg
Jared Edward Harber
Christopher Wayne Jones ***
Matthew Douglas Ocel
Abraham Rash
Joshua Thomas Rich
Ebrima Gorgie Sankareh +

* Cum Laude
^College Honors Program

**Magna Cum Laude
+Co-Major

***Summa Cum Laude

Degree To Be Conferred December 19th
Zeinab Emad Abrahim *
Garrett Bruce Bass
Eric Joseph Berte
James Stedman Bryan, Jr.
Charles Matthew Cranford
Carl S. Depo
Jason Duke
Antonio Lamont Elliott
Abby K. Esterly
Sherrie Moultrie Goodman
Rebekah Kirsten Hansen *
Alice Elizabeth Harmon
Andrew J. Harris
Meaghan Maureen Hellenga
Austen Elizabeth High
Alexander M. Hofford
Charles T. Hood
Jennifer Camille Howard *
Robert Lee Kester, Jr.
Ethan L. Margolis ***
Michael M. Maurer
Michael John Meola *
Lucas Charlton Miles
Christopher Lloyd Moore
Brian Harold Ray
Benjamin Vance Rayle, Sr.
Justin Isaac Rogers +**
David Ross Sinodis *
Sarah Elizabeth Stables *
Jeremy Lawson Tamer **
John Larkin Verbiest

BACHELOR OF ARTS IN INTERDISCIPLINARY STUDIES

Degree To Be Conferred December 19th
Milton Leonard Brown, Jr.
Katherine Steele Elliott
Matthew Michael Kushner

BACHELOR OF ARTS IN INTERNATIONAL STUDIES

Degree Conferred August 4th
Haley Elizabeth DeLuca
Carolina Gallo **

Degree To Be Conferred December 19th
Alyssa Kathryn Campo +**
Catherine Ann Caycedo
Elizabeth Ann Coughlin *
Jennifer Lynn Del Do
Jenna Marie Doss *
Dustin Edward Givens
Eleanor C. Johnston ***
Meghann Mae Laing
Anna Hill Martin ***
Sean Maxwell McKee
Henryk E. Orlik ***
Patterson Stipe Raines
Eleanor Marcotte Redhage **
Nadia Anissa Sadowski **
Lauren Kristine Sloan +***
Selina Jayne Smith +**
Ting Wei +

BACHELOR OF ARTS IN LEADERSHIP IN THE PUBLIC SECTOR

Degree To Be Conferred December 19th
David Lowell Joyner, Jr.
Catherine Tuttle Rhuberg ***

BACHELOR OF ARTS IN PHILOSOPHY

Degree To Be Conferred December 19th
Alyssa Kathryn Campo +**
Aaron Thomas Harding **
Thom[illegible]s Middleton Hughes
Jeffrey Masaaki Kelly
Patrick Lee Lewis
Joshua Allen Piner
Zev Shimon Shallit ***
Melissa Paige Sova ***

BACHELOR OF ARTS IN POLITICAL SCIENCE

Degree Conferred June 23rd
Joshua Lee Aldridge
Stephen Austin Bagwell
James Fain Brandhorst III
James Russel Fleischer, Jr. *
Scott Ira Kincaid
Whitney Blake Tipton
Sean Sebastian Walsh

Degree Conferred August 4th
Patrick Martin Ayers
Jonathan Lawrence Chichwak
William Lance Clark *
Patrick Ryan Corrigan *
Christine D. Dipietro
Ryan Scott Goodman
Evan Taylor Johnson **
Grant Miller Karshner
Jason Keith Lindsay
James Ryan Moore

Degree To Be Conferred December 19th
Ashley Truett Banks **
Brandon W. Barbour
Andrew James Bates
Robert A. Bishop +
Jonathan David Burdette
Lauren Casper *
Clinton E. Caudle
Tiffany R. Cissel **
Bryan Scott Conner
Robert Austin Cox
Robert Cyril Cratch *
Holly Melissa Danford **
Cierra Jade Felder
Zachary Cole Fisher
Sean Patrick Helms
Jordan C. Henningsen
Ashley Elizabeth Holmes
Christopher John Hordeman
Lee Andrew Hyde
Kara Terese Kaiser
Matthew James Kelly
Edana A. Kudjordji
Patrick Warren Lawson **
Jeffrey Gershon Levenbook
Emily M. Librandi
Michael Cory Matthews
Kathleen Virginia McGrath ***
William Edward Mitchell *
Henry Coble Neese
Brian Tyler Nelson
Robert Allen Page *
John Steven Pegg *
Justin Isaac Rogers +**

David Michael McNally
B.S. in Accounting
B.S. in Business Administration
Fayetteville, North Carolina

Andrew David Ryhanych
Ebrima Gorgie Sankareh +
Benton G. Sawrey
Kayleigh Lynn Scott
Alex Gray Shields
Anita Sivakumar
Ashley Bree Sommerkamp
Dwight O'Bryant Spencer
Michael Douglas Steele
Elizabeth Marie Stubbs
Gagandeep Singh Sudan
Steven Garrett White
Shanasia Nicole Wise

BACHELOR OF ARTS IN PSYCHOLOGY

Degree Conferred June 23rd
Terri Gupton
Daniel Mark Hurley
Kaylee Joy Rudkin *
Bryan Patrick Wylie

* Cum Laude
^College Honors Program
**Magna Cum Laude
+Co-Major
***Summa Cum Laude

Degree Conferred August 4th
Agnes Ann Davis
Lacy Meredith Lingerfelt
Derrick Stephen Nobles
Kelly Elise Odom **
Erica Sabrina Savage
Kelley Michelle Williams *

Degree To Be Conferred December 19th
Sarah Elizabeth Albright
Brandy Myra Ather
Benjamin Scott Barrett +
Caroline Taylor Barrett *
Robert A. Bishop +
Malique Dayquane Booker
Jared Curtis Bowman
William Reid Brannan ^*
Justin Edward Brown
Amanda Jo Buchanan
Anna Martha Carr
Brittany Lynn Carter
Maria Lynn Cherry *
Stephanie Adair Colenda
Katherine V. Davis **
Mark James Fidler, Jr.
Loren Gray
Kevin Bradley Griffin
Michele Ann Heflin ***
Eric Johannes Hevneker
Holly Elizabeth Hinton
Candace M. Holston
Andrew Sean Jones *
Elizabeth Smits Knout **
Michelle Christine Kranig *
Kellye Michelle Kwiatkowski ^***
Amanda Faith Lingle **
Lindsey Jade Luu
Allison Amanda Lyle **
Amanda Lauren Marzec
Stephanie Renee McBroom *
Carin Ann Metzger +
John Thomas Misenheimer *
Danielle Nicole Miuccio *
Amanda Marie Nevins **
Justine Nomina +^**
Robert Emerson Norman
Anne Naravani Pawlak
Ana Polanco
Darryl Blake Radford
Verena Alejandra Rojas +
Jessica Ann Rowley
Brianna C. Schelling *
Sagan Alyssa Smith *
Samantha Nicole Stroupe
Katherine Ruth Swann *
Rana Marie Wicks
William Winslow
Leslie Rae Woods
Harry Cole Yarbrough III ***

BACHELOR OF ARTS IN RELIGIOUS STUDIES

Degree Conferred August 4th
Melissa Ann Owens

Degree To Be Conferred December 19th
Anderson Lee Beckmann **
Austin Zane Jones +
William Elbert Jones
Rachel Roberts ***
Rebecca C. Thigpen ***

BACHELOR OF ARTS IN SCIENCE, TECHNOLOGY, AND SOCIETY

Degree Conferred June 23rd
Thomas Brian Reid

BACHELOR OF ARTS IN SOCIOLOGY

Degree Conferred June 23rd
Jacqueline Renee Bruce
Arin Michelle Everitte

Degree Conferred August 4th
Denise Scott Liles
Mary Malaythong
Mary Knox Zealy

Degree To Be Conferred December 19th
Kyle Rashad Alston
Victoria Anne Bryant
Christie Marie Chapman
Kristin Lane Ford
Derek Martin Gatlin
Trey Keon Haynes
Andrew R. Johnson +*
Richarda Demore Jones
Joshua Caleb Milinichik
Michelle Christina Morgan ^*
Kelly R. Pearce
Nicole Lindsay Recko
Jennifer Rodriguez +
Clisha Ju Mari Simpson
Kathryn Lowe Whitehorne

BACHELOR OF ARTS IN SPANISH, LANGUAGE AND LITERATURE

Degree Conferred June 23rd
Philip Sharples Kemp III
Casey E. Parker *

Degree Conferred August 4th
Odon Fredy Torres
Leah K. Van Halsema

Degree To Be Conferred December 19th
Benjamin Scott Barrett +
Ashley Marie Butterworth **
Emily I. Clark-Kramer
W. Alexander Dalrymple +***
Mark M. Daniel
Michael Drew Dixon, Jr. *
Lyrechel Namhyr Galarza *
Priscilla Gutierrez
Bernadette Renee Healy
Sarah M. McDaniel *
Patrick Martin McElroy +*
Porshia Sade McLain +
Carin Ann Metzger +
Dean Graham Norman, Jr.
Susan Roycroft Novak **
Elizabeth Snow Pressman *
Verena Alejandra Rojas +
Emily Carroll Roofe
Emily Louise Schultz
Jessica Anne Sears
Orrin Brandon Tyson
Elisabeth Diane Warren +*
Amy Leigh Williams **

BACHELOR OF ARTS IN WOMEN'S AND GENDER STUDIES

Degree Conferred June 23rd
Kacy Barret Tassone Horton

Degree To Be Conferred December 19th
Andrea Lea Benham
Shoshanna D. Roberts

BACHELOR OF SCIENCE IN ENGLISH

Degree Conferred June 23rd
Candice Lynn Hennig

BACHELOR OF SCIENCE IN HISTORY

Degree Conferred June 23rd
Ashley Ruth Carrabba
Gregory Michael Pennington **
Connor James Reside
Kyle Gregory Robb

Degree Conferred August 4th
Allyson Faith French
Samantha Nicole Rich *
Dominic Hugh Totman
Eric Clinton Utley

Degree To Be Conferred December 19th
Matthew Steven Hawkins
Cary Travis Sutton

* Cum Laude
^College Honors Program

**Magna Cum Laude
+Co-Major

***Summa Cum Laude

BACHELOR OF SCIENCE IN POLITICAL SCIENCE

Degree Conferred August 4th
Barbara Marie Maha

BACHELOR OF SCIENCE IN SCIENCE, TECHNOLOGY, AND SOCIETY

Degree Conferred June 23rd
Rachel Elizabeth Cash

BACHELOR OF SOCIAL WORK

Degree To Be Conferred December 19th
Brandon James Clowers
Sara McKay Coleman *
Ashley L. Cooper
Erin Nicole Lawlev
Jennifer Murphy
Meredith Ashley Parker
Ashley Leleni Richardson
Veronica M. Saccoh **
Christina Marie Sibley
Edward Charles Smith
Anne Chapman Walker ***

College of Management

BACHELOR OF ARTS IN ECONOMICS

Degree Conferred June 23rd
Oluwanisola Obavomi Ola ***

Degree To Be Conferred December 19th
Michael John Davenport
Phillip T. Ferrier
Shalana Tinisha Serrette
Lauren Kristine Sloan +***
Jov Namukasa Ssengonzi
Jason Michael Talmadge

BACHELOR OF SCIENCE IN ACCOUNTING

Degree Conferred June 23rd
Tyler Chapman Betts
Kristen Elisabeth Draughn *
Justin Fanchon Heck
Alexander Johnson King +
Sally Jane Parker
Zachary David Pritchett
Alexandra Kimberly Watts
Gregory Thomas Wintermeier

Degree Conferred August 4th
Joel William Harford +***
Matthew Paul Kushy ***
Joshua Reed Michael ***
Maggie L. Mitchell **
Jenna Renee Mullikin
Adam Wade Robinson ***
Jeanne Marie Waddell
James Benjamin Yeager +

Degree To Be Conferred December 19th
Dana Nicole Allen
Katie E. Avscue
Shavonna Nicole Barrow
Adam Lee Billings +
Sherry R. Boyette
Edward Jamale Burrus
Zachary A. Caldwell
Christopher Ryan Davis
Phillip D. Duggins
Brian Goodman Durn
John Daniel Eshleman +**
Julia Anne Fagg
Steven Craig Farr *
Latonya Nicole Garrison *
Tyler Gregory Gibson
Sarah Diane Griffin
Victoria Ashley Hammer *
Diana E. Hardy **
Steven Maurice Harrell
Keresna Fay Helle
Stephanie Sarah Hook
Zachary Dean Horton +*
Shan Ismael Ijaz +*
William Joseph Kelly IV
Eun A. Kim
Eric Steven Leath +
Christopher Douglas McKenzie +**
David Michael McNally +***
Andrew Stuart Dalton McKeel
Charles Nathan Milian
Jessica Nicole Murphy
Edgar Nolasco +*
Terence Joseph O Brien, Jr. *
Jennifer Carolyn Remley +**
Robert James Rice +
Wesley Reeves Schwenk *
James Conrad Simmons *
Morgan Alexandra Smith *
Travis Allen Smith +
David Anthony Steele
Seynabou Tall **
Cecilia Marin Thoma **
Brandy Shannon Turnbull

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Degree Conferred June 23rd
Chantel J. Baxter
Andrea Dean Boyle
Scott Raymond Brewer
Carvus Andrew Byrd IV +*
Michael David Calvo
Megan Jaime-Christian Conley
Joseph Eastland Davis
Kevin Barry Godsey
Thomas Martin Hovis
Jacqueline Lee Jennings
Wendell Sherman Jones *
Alexander Johnson King +
William Ennis Kornegay, Jr. *
Fayaz Rafiq Lakhany
Celine Marie Lefebvre
James Paul Mengel
Ricky Alan Perry, Jr. *
William Walker Petty
John Holstad Salzano *
James Scott Stanfield
Derek Adam Stutts
Michael Thomas Swanson
Thomas Asher Thedieck
Sarah Elizabeth Thompson
Ashleigh Christina Watts
Jessica Caitlin Wight
Robert Hubbard Zschau

Degree Conferred August 4th
Kristen Marie Ard **
Matthew Gregory Dean
Wesley Bryan Gappens
Brooke Alexandra Hardee
Joel William Harford +***
Justin Tyler Hyde
Biplab Khatri ***
Jeffrey Gordon Lye
Matthew C. McArthur
Christina Lynne Moore
Henry Louis Nadeau
Benjamin Martin Rightmyer *
Kathryn Colleen Roome +
Charles Joseph Walker
Thomas Crawford Ward
James Benjamin Yeager +

Degree To Be Conferred December 19th
Shaden Nidal Albadawi
Kimberly Blair Allred *
Philip Richard Angarole II *
Thomas J. Ashachik *
Bret Conrad Atkins *
Holly A. Ayers
Mary Christina Baker
Tammy Ball ***
Kimberly Ann Barber
Kasey Marie Barnette
Randall Spiller Barrier
Sasha Nicole Bauguess
Adam Lee Billings +
Andrew Heath Boswell
Tonya Danielle Brummitt *
Andrew David Byrd
Sara Lain Camara **
Andrew Davis Carroll
Brandon L. Carroll
Anthony Joseph Comento
Craig James Comito
Michael Ralph Cosentino

* Cum Laude
^College Honors Program
**Magna Cum Laude
+Co Major
***Summa Cum Laude

Meredith Ann Craig **
Shannon Crystal Cummings
Shannon Marie Davis ***
Matthew Lee Dawson *
William H. Deck **
Brynne Cathryn Diaz ***
Charity Randi Dollar
Andrew Michael Dunlap
Jason S. Edwards *
Robert Grey Edwards
Matthew Thomas Elks *
Jeffrey Brandon Emminger
Donovan Bradley Engelbrecht
Pasquale Errichiello
John Daniel Eshleman +**
David Carlton Ethridge, Jr.
Robert Thomas Floyd
Curtis David Frankie
Graham Stephen Fuller

Anne Chapman Walker
Bachelor in Social Work
Bedminster, New Jersey

Elizabeth Michelle Gammon
Kenneth David Graham *
Madison Brook Gray *
Samira M. Haddad **
Rebecca Suzanne Haszko ***
Zachary Hartman Henderson
Casey Lee High
Meredith Brittany Hobson
Erich Michael Hodges ***
Jason Jerome Hodlofski ***
Zachary Dean Horton +*
Cherith Ann Hunter *
David Sangkyoon Hwang
Shan Ismael Ijaz +*
Lauren Dawn Jackson
Thomas Justin Jackson
Alay Jhaveri
Herman Glenn Johnson ***
Joshua Ryan Jones
Patrick William Jones
Caroline Michelle Joyner *
Martin Kadlcik, Jr.
Gabriel Lloyd Kadmiri
Kathryn Ann Kosinski *
Aysu Kurultak
Michael Dale Laney
Jessica Lattanzi
Michael Ryan Laws **
Eric Steven Leath +
Charles Edward Leslie, Jr.
Nicholas Robert Macek *
Jeff Kabongo Manda
Christopher Douglas McKenzie +**
David Michael McNally +***
Connie Ann McGowan
Christopher Dean Moore ***
Victoria Lane Newcomb
Edgar Nolasco +*
Justine Nomina +**
Casey Joseph Offerman ***
Ryan Tyrrell Patrick
Scott R. Pecnik +**
Amanda Kaye Petersen
Jenna Maria Petraglia
Andrew Nhut Pham
Kimberly Meagan Porter *
Weston Theodore Poulos ***
Adam Benjamin Price
Elizabeth Anne Prochaska
Jacoby D. Pulley
Jason Trent Queen
Jason Michael Rapp
Jennifer Carolyn Remley +**
Matthew Grayson Rhodes
Robert James Rice +
Linda Elizabeth Ridgeway
Ericka Joan Rinne
Timothy Rodgers, Jr.
Hilary Brynn Schaefer **
Shaun Thomas Schaefer-Boyland
Scott Schrader Schroeder
Kelli Sharp
Geoffrey Pernell Skipwith
April Brooke Smith
Martin Alexander Smith ^
Phillip Matthew Smith
Selina Jayne Smith +**
Travis Allen Smith +
Garrett Marc Stevens *
Hunter Jackson Surles *
Anthony Thach
Claire McGrath Thomas
Erin L. Toft
Thien Quang Tran
Spencer Travars
Mai C. Vang **
Kubahki Antionette Vincent
Elisabeth Diane Warren +*
Jeremy Stephen Whipple *
Michael Vandon Williams
Jennifer N. Williford **

BACHELOR OF SCIENCE IN ECONOMICS

Degree Conferred June 23rd
Carvus Andrew Byrd IV +*
Kimberly Renee Clark
Robert Michael Leedom *

Degree Conferred August 4th
Phat Hong Tran *
Degree To Be Conferred December 19th
Michael James Gannon **
Neal H. Hamilton
Sho Kuroda
Meng Jie Li
Steven Randall Perkinson +
Christopher Mark Stevens II
Andrew Jihoon Urm

College of Natural Resources

BACHELOR OF SCIENCE IN PAPER SCIENCE AND ENGINEERING
Jointly administered by the College of Natural Resources and the College of Engineering.

Degree Conferred August 4th
Shelly Jones Johnson **

Degree To Be Conferred December 19th
Amber Cathleen Bruk +*
Catherine Audet Currence +***
Mark Austin King +
Metts W. Potter +***
Sean Michael Warby +

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCES

Degree To Be Conferred December 19th
Andrew Joseph McNamara +***

BACHELOR OF SCIENCE IN ENVIRONMENTAL TECHNOLOGY

Degree Conferred June 23rd
Jared Johnson Kirk
Savannah C. Poole

Degree To Be Conferred December 19th
Brian Eric Anderson
Kateland Rae Grant *
Darren M. Johnson
Ryan Richard Klinge
Zachary David Miller
Davis McCrackin Murphy
Jacquelyn L. Poole
Alexandra Kathryne Sears *

* Cum Laude
^College Honors Program

**Magna Cum Laude
+Co-Major

***Summa Cum Laude

BACHELOR OF SCIENCE IN FISHERIES AND WILDLIFE SCIENCES

Degree To Be Conferred December 19th
Ronald Jared Beard
Tyler Anthony Campbell
Christopher Lloyd Coxen
Joshua Scott Cumbo
Brandon Patrick Navratil
Parker Nance Olsen
Matthew Graham Owen
Justin Grant Spear

BACHELOR OF SCIENCE IN FOREST MANAGEMENT

Degree Conferred June 23rd
Justin Wright Davis

Degree Conferred August 4th
Gregory B. Allen, Jr.
William Berryman Hellmuth, Jr.
Christopher Michael Minguez

Degree To Be Conferred December 19th
Wright McBride Stallings

BACHELOR OF SCIENCE IN NATURAL RESOURCES

Degree To Be Conferred December 19th
Daniel Pratt Formyduval

BACHELOR OF SCIENCE IN PARKS, RECREATION AND TOURISM MANAGEMENT

Degree Conferred June 23rd
Rebecca Jane Goode Reigel

Degree Conferred August 4th
Lynn Michelle Andino
Jessie McKenley Cameron
Carey Alexandra Fowler
Jennifer Randolph Hoft
George Thomas Jones
Jordan Boyd Kirk
Michael Midgett McNiff
Marianito M. Moore Montero III
Sheila Lynn Morris
Jennifer Lynn Munn
Emily Susan Nance
Lauren Elizabeth Nelson
Ryan Edward Newsome
Nathaniel Thomas Reich
Stephanie Nicole Roupas
Chase Butler Simpson
Lauren Marie Tefft
Sean David Vanderburg

Degree To Be Conferred December 19th
Craig O'Keefe Aldrich
Gustavo Andres Arevalo
Cameron Voigt Boltes
Chad Godshalk Buch
Kasey Kyaw Burwell
Sarah Kathyrn Carrick
Alan-Michael Cash
Lindsay Marie Cleveland
Trent Alan Denson
Tara Nicole Dolan
Craig Lane Franklin
Brian Scott Hamelburg
Harrison Spencer Herbst
Rebecca Brooke Holcombe
William Russell Hutchens II
Mark Farzhad Jahad
Vanesa Arias Knisley
Jessica Josephine Massey
Mendy N. McKenzie
Victoria Lynn Miller
Sydney Charles Paskel II
Danielle Rae Rade *
Stephen Aaron Rayborn
Caitlin M. Rhyne
Whitney Blair Robertson
Michael R. Robson
Marvin Blake Smith
Amanda Elaine Swisher *
Kristen Renee Tresler
Elke Ileana Weil
Emily Christine Werner

Daniel Miles Ranck
B.S. in Electrical Engineering
Cary, North Carolina

BACHELOR OF SCIENCE IN PROFESSIONAL GOLF MANAGEMENT

Degree Conferred June 23rd
James Magee Haney
James Michael Taylor

Degree To Be Conferred December 19th
Kyle Richard Earley *
Charles Epps Ipock **
Joshua Thomas Spragins
Derek Waite Taylor

BACHELOR OF SCIENCE IN SPORT MANAGEMENT

Degree Conferred June 23rd
Phillip Edward Jones

Degree Conferred August 4th
James Bernard Bradley
Dru M. Davis
James Wilson Fisher III
Deborah Elisabeth Fleming
Michael Joseph Gatlin II
Christopher Charles Hartshorn
Dennis D. McCarter
Rachael L. Older
Christian Jackson Sanders

Degree To Be Conferred December 19th
Michael Tyler Appel
William Paul Billings, Jr. *
Jonathan M. Bogues
Barbara Preston Boyles ^**
Zachary Warner Brunk
Adam Keith Buie
William Beaty Carpenter
Brett Christopher Davis
Derek Landon Davis
Daniel Robert Debrecht
Brian Matthew Dunaway
Ross David Duncklee
Greigh Ward Evans
Todd Marcel Farris
Kenneth Duane Hamlin III
Nathan Scott Hilton
Ian Timothy Johns ***
Steven Brent Mills
Sean Stephen Salemme
Matthew Kyle Shamblee
Richard Lynn Shaw
John B. Snotherly
Andre Johan Van Zyl
Lindsay Renee Vera
Daniel Joseph Wade
Charles Riley Wilkins
Jacarius Dantrell Wright
Ian Matthew Zimmerman
James Zach Zuravle ^**

BACHELOR OF SCIENCE IN WOOD PRODUCTS

Degree Conferred August 4th
Patrick Eugene Massie

Degree To Be Conferred December 19th
Benjamin Clay Foster
Gregory Dwayne Jackson II
Grant J. Keaser
Sean R. Stoneback
Chad Warren Whitley

* Cum Laude
^College Honors Program
**Magna Cum Laude
+Co-Major
***Summa Cum Laude

College of Physical and Mathematical Sciences

BACHELOR OF ARTS IN CHEMISTRY

Degree Conferred June 23rd
Kunal P. Akwalia
Joseph Donald Bero ***
Annette Marie Bodenheimer

Degree Conferred August 4th
Steven Ernest Wuester

Degree To Be Conferred December 19th
Matthew Ray Boles +
Nicole Marie Frechette
Yumicki Lynette Jacobs
Ashley Rae Jones *
Jessica Ciantel King
Tampopo Morinaga +
Dan-Huy Pham Nguyen +*
William Richard Parker, Jr.

BACHELOR OF ARTS IN GEOLOGY

Degree Conferred June 23rd
Emily Gail Kallander
Christopher R. Torres

Degree To Be Conferred December 19th
Robert Dwayne Howard

BACHELOR OF ARTS IN PHYSICS

Degree Conferred August 4th
Leslie G. Watkins ***

Degree To Be Conferred December 19th
Kathryn Colleen Roome +

BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

Degree To Be Conferred December 19th
Ankit Ahuja
Christopher R. Cottrell *
Tam Cong Huynh
Benjamin Edward Morgan
Brian Charles Van Hoff

BACHELOR OF SCIENCE IN CHEMISTRY

Degree Conferred June 23rd
Jerry Lamont Bettis, Jr.
Carley Marie Farst

Degree Conferred August 4th
Christopher George Hardy

Degree To Be Conferred December 19th
Joshua Andrew Bruner ***
Eugene Camerino
Christopher James Cox ***
Amy Teresa Curry
Jordan Brian Karp
James Whitney Lanning, Jr.
Alicia Coker Smith +^**

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCES

Degree To Be Conferred December 19th
Jonathan Anthony Pasley *

Christopher Dean Moore
B.S. in Business Administration
Greensboro, North Carolina

BACHELOR OF SCIENCE IN GEOLOGY

Degree Conferred June 23rd
Jennifer Lynn Cessna ^**
Daniel Ryan Lawver

Degree To Be Conferred December 19th
Troy Matthew Dellinger +*
Alexandra Maria Dubrock
Dale Parker Sprinkle II
Earl Lassen Wells ***

BACHELOR OF SCIENCE IN MARINE SCIENCES

Degree To Be Conferred December 19th
Helena A. Olympio +**
Christopher Douglas Wheat +

BACHELOR OF SCIENCE IN MATHEMATICS

Degree Conferred June 23rd
Michael J. Boergert +
Joshua Stephen Shellman
David Frank Wade

Degree Conferred August 4th
David Andrew Rudisill
Anna Marie Shafer

Degree To Be Conferred December 19th
David Bryce Brown ^*
Michael X. Collins ***
Leigh Ann Jennings
Shawn Thomas King ^**
Erica Charlotte Smith

BACHELOR OF SCIENCE IN METEOROLOGY

Degree Conferred June 23rd
Robert Fulton Elvington III
Jeremy Gilchrist
Timothy John Koltonski
Matthew Robert Pavliv

Degree To Be Conferred December 19th
Meagan Marie Bird
Joseph Andrew Claybrook III
James Robert Holtzman
Hashim Lamont Jackson
Amy Diane Lee ***
Erin Denise Moore
Helena A. Olympio +**
Stuart Justin Poland
Abraham V. Sutfin ***

BACHELOR OF SCIENCE IN NATURAL RESOURCES

Degree Conferred August 4th
Cameron Dayton Jones

BACHELOR OF SCIENCE IN PHYSICS

Degree Conferred June 23rd
Joseph Lincoln Barton ***
Michael J. Boergert +
Bret H. Davis ^*
Lee Thomas Johnson *
Joseph Raymond Massey
Joshua Newcomb Vanderwall
Zachary Keith Wilkins

BACHELOR OF SCIENCE IN STATISTICS

Degree Conferred June 23rd
Kristen L. Gore ***
Rheuben Herbert III

* Cum Laude
^College Honors Program

**Magna Cum Laude
+Co-Major

***Summa Cum Laude

Degree To Be Conferred December 19th
Robert Paul Garland
Madeline Frances Kamal
Amy Elizabeth McRimmon

College of Textiles

BACHELOR OF SCIENCE IN TEXTILE ENGINEERING
Jointly administered by the College of Textiles and the College of Engineering.

Degree Conferred August 4th
Aaron Bradshaw

Degree To Be Conferred December 19th
David W. Allen
Joseph Edward High
Jamal Rashad Irving +***
Dennis J. James
Jamie Lynn Mogel
Lindsay B. Money
Joshua E. Patrick

BACHELOR OF SCIENCE IN FASHION AND TEXTILE MANAGEMENT

Degree Conferred August 4th
Rebecca Kathleen Badger

Degree To Be Conferred December 19th
Brittany Kiersten Erb
Alyssa Nicole McFadden
Travis Darby Owen
Genna Marie Quealy
Emily Teal Robbins **
Claire Margaret Stanhope *
Katie Eileen Stone

BACHELOR OF SCIENCE IN POLYMER AND COLOR CHEMISTRY

Degree To Be Conferred December 19th
Christopher Matthew Kelly
Philip Holland Raeburn
Thomas McAdam Willeman
Thaddeus Karol Wolicki

BACHELOR OF SCIENCE IN TEXTILE TECHNOLOGY

Degree Conferred August 4th
Benjamin Auman DeKeyzer

Degree To Be Conferred December 19th
Yashvardhan Bhartiya +*
Nathan Mark Dobbins *
Elizabeth Weatherly Gordon
Diane Hagan +
Amy Lynn Strickland *
Johanna Maria Thomas *

BACHELOR OF SCIENCE IN TEXTILE AND APPAREL MANAGEMENT

Degree Conferred June 23rd
Katherine Connor Banner
Ivy Blades Bunn
Rebecca Caroline Cockerham

Degree Conferred August 4th
Cristina Maria Anderson
Elizabeth Brooke Blanton
Jennifer Kelly Dawson
Rana Hassan Sajjad
Katharine Brooks Skinner
Stephanie Lee Weiss

Degree To Be Conferred December 19th
Lorenzo Piczon Agustin
David M. Ballard
Yashvardhan Bhartiya +*
Elizabeth Ann Bishop
Brenda Bohorquez Morales
Brittany Nicole Bonilla
Katherine Jane Bryan
Catherine Leigh Compton
Amanda Renee Copeland +
Justin Ross Davis
Martha Chandler Dawson
Halley Elizabeth Ellen
Jessica Lache' Fulks
Cassandra Dey Gammons
Blair Metcalfe Garrison **
Sarah Caroline Griner *
Jacquelynn Danielle Gunn
Mark John Keen, Jr.
Leigh Ellen LaVange **
Allison Renee Lebenson **
Emma Jeanette Norton
Anthony Jerel Parris
Sarah Catherine Perrone
Catherine McClure Robb
Joslin Marie Rodely
Gerardo Alejandro Romero
Weatherly Barton Rose
Kelly Sambrick *
Mandi Blake Smith *
Morgan Lynn Smith
Christopher Celestino Soto
Stella Susan Thomas
Mary Kathleen Wallace
Joslyn Chase Williams
Rachel Darby Williams

* Cum Laude
^College Honors Program
**Magna Cum Laude
+Co-Major
***Summa Cum Laude

GRADUATE DEGREES

MASTER'S DEGREES

MASTER OF ACCOUNTING

Degree Conferred August 4th
Matthew John Corey
Thomas Rich Crawford, Jr.
Emily Allison Daniel
Emily Bievenue Etter
Ashley Laura Glasgow

Degree To Be Conferred December 19th
Mark Elliott Rackley
John William Whitley

MASTER OF AGRICULTURAL EDUCATION

Degree To Be Conferred December 19th
Jeremy A. Delisle
Eve Holloman Honeycutt
Earl Wilson Miller III
Nicholas Daniel Moody
Kimberly Dare Woods

MASTER OF ANIMAL SCIENCE

Degree Conferred August 4th
Leana LeFrapper

MASTER OF ARCHITECTURE

Degree To Be Conferred December 19th
Leslie Darlene Aldridge
Virginia Alexander
Benjamin Russell Andrews
Katherine Branch Ball
Jessica Grace Cochran
Derek Bradley Lane
Karissa Marie Pytlak
James D. Rackley
Siler Charles Ransmeier
Matthew C. Robbins
Karl W. Rogers
Daniel Adam Stanislaw
Michael Wagner
Perrin Young Walker
Matthew Perry Weiss

MASTER OF BIOINFORMATICS

Degree Conferred August 4th
Lu Wang

Degree To Be Conferred December 19th
Andrew James Slater

MASTER OF BIOLOGICAL AND AGRICULTURAL ENGINEERING

Degree To Be Conferred December 19th
Jason M. Zink

MASTER OF BIOMATHEMATICS

Degree Conferred August 4th
Mikio C. Aoi
Nathan Charles Wanner

MASTER OF BUSINESS ADMINISTRATION

Degree Conferred August 4th
Andrew Joseph Adams
Yarissa Marie Amely
Katrina M. Buckley
Mark Alan Coats
William Kahle Davidson
Ryan T. Fava
Todd Wilson Medlin
Sudhakar Nagarajan
James Luther Snyder III
Atul Anant Tharval
Heidi Gail Thompson
Manju R. Varma
Carol Lee Vercellino
Rui-Guang Zhen

Degree To Be Conferred December 19th
Benjamin John Adlard
Hyan Anthony
Alex Nyaga Boro
Jerry Warren Bryant
Richard David Bunnell, Jr.
Lea Chan
Michael Barret Chase
Erin Kaye Daniels
Bradley Joseph Davis
Ryan Bradley Draughn
Adityanand Udesh Girdhari
Stenisha Danette Green
Steven George Gutierrez
Stacy Ann Hanna
Maria G. Harrison
Nisha Amol Keskar
Patrick J. Kirby
Michele Christie Kline
Joseph Ryan Lynch
Charles Anthony McElrath II
Bradley Daryle Mickey
Volker Mittendorf
Darlene Ann Nyce
Andre Demeur Robinson
Jenna Marie Russell
Vishal Sharma
Sudhir Shetty
Privanka Shinde
John Robert Snapp
Mark Edward Sydnor
Carlos Alberto Toledo
Carl W. Turner
Craig S. Urban
Brandon T. Wahlmann

MASTER OF CHEMISTRY

Degree To Be Conferred December 19th
Peng Guo

MASTER OF CIVIL ENGINEERING

Degree Conferred August 4th
Bobby Don Dasher, Jr.
Juhi Jain
John Lee Kells
Brian Charles Noll
Katelyn Blackmon Purnell
Matthew E. Reeves
Kyungtae Ryoo
Brian P. Thiede
Charles Matthew Vinores
Jeremy Dale Wilson

Degree To Be Conferred December 19th
Javon Marcell Adams
Gregory D. Bartee
Aimee Adjoua Bella
Abhay Vijay Bhadalikar
Pooja Gaurang Bhatt
Charles Ray Cox
Norwood Addison Gainey III
Parth Virendra Gandhi
Dhruv Dilipkumar Joshi
Matthew Aaron Lamy
Matthew Ryan Peterson
Shankar Ganesh Radhakrishnan
Kimberly Collins Selz
Carrie Louise Simpson
Nicholas Ferdinand Souchon
Jeffrey Cornwell Wilson
Hon Fai Yeung

MASTER OF COMPUTER SCIENCE

Degree Conferred August 4th
Joshua Michael Blomberg
Matthew Thomas Klawiter
Min-Hsiung Lin
Wei Alex Shao

Degree To Be Conferred December 19th
Rajasekar Amalraj
Chi Sung An

Manushree Ankapura Swamygowda
Yogesh Arora
Rashmi Radhakrishna Bhat
Kevin Francis Brundage
Vinu Balajee Coimbatore Rajendran
Animesh Das
Akanksha Fouzdar
Deepa Gupta
Karthik Gurumurthy
Madhavi Jampala
Srividya Jayaraman
Raghukishor Kandula
Scott Allen Karstetter
Brandon Russell King
Aditya Krishnan
Yeshwanth Kumaraswamy
Balaram Prakhyath Makam
Srikanth Venkata Mandava
Cameron Bailey McCall
Ankit Mishra
Shanmugapriya Murugappan
Aman Nijhawan
Vikram Narasimha Pai
Ricky Patel
Deepak Sreenivas Pemmaraju
Eric William Price
Goutham Radhakrishna
Suchetha Muniswamy Reddy
Yu Ren
Scott Matthew Roberts
Ambika Meghna Sairam
Rahul Sapre
Badthody Rajesh Shenoy
Premjit Balwinder Singh
Vikas Kumar Singh
Kaushik Tirukarugavur Srinivasan
Kun-Ta Samuel Tsai
Santhosh Nag Vadlamani
Mekha Susan Varghese
Saravanan Venkatachalam Mohan
Varun Venkatesh
Zainab Ibrahim Vora

MASTER OF ECONOMICS

Degree Conferred August 4th
Suleyman Oz

Degree To Be Conferred December 19th
Omer Faruk Cakir, Sr.
Xuan Chen
Ekaterina Konstantinovna Chernova
Kevin John Furlong
Levent Karadavi
Hyungwoo Koh
Suat Burcu Meric
Bin Qian
Nolan Ryan Reedy

MASTER OF EDUCATION

Adult and Community College Education

Degree Conferred August 4th
Heidi Brainard White

Degree To Be Conferred December 19th
Lumilla Patrice Floyd
Sarah Hardison Kotzian
Sarah Anne Manville
Michelle R. Powell
Bree Rivers

Curriculum and Instruction

Degree Conferred August 4th
Kimberly Joyce Lyons
Rachel Elliott Porter

Degree To Be Conferred December 19th
Somer Ann Alford
Walter Lee Brown, Jr.
Jill Bonner Farr
Jessica Woodhouse Greene
Anna Daughtridge Lopez
Amanda Kaye Melton
Leonard Thomas Reeves III
Jeffrey Orlando Roberts
Amber Noel Simmons
Dalia Rea Singleton
Michelle Lee Tucker

Curriculum and Instruction, English Education

Degree Conferred August 4th
Jeremy Hunter Barefoot
Kelly Rebecca Finch
Angela Julie Trythall

Degree To Be Conferred December 19th
Keshetta Nicole Henderson
Velicia Victoria Pernell

Curriculum and Instruction, Reading

Degree To Be Conferred December 19th
Darius Wayne Horton

Curriculum and Instruction, Social Studies Education

Degree Conferred August 4th
Kamii Harris
Meghan Petrie

Elementary Education

Degree To Be Conferred December 19th
Alice Knox Hager

Higher Education Administration

Degree To Be Conferred December 19th
Gwendolynne Joy Grace
Eva M. Holcomb
Christy Therese Morgan
Holly J. Richards
Sarah Ann Starkey

Instructional Technology - Computers

Degree To Be Conferred December 19th
Paul Malcolm Everitt
Staci Teague Lyon
Lauren Ann Philbeck
Russell James Smith

Mathematics Education

Degree Conferred August 4th
Derek Parker Blackwelder
Angela Marie Cooper
Breanna Elizabeth Harrill
Morgan McKinney Loughridge

Degree To Be Conferred December 19th
Karen Leonard Klein
Rebecca Lynn Sheldon
Susan Palmer Tombes

Middle Grades Education

Degree Conferred August 4th
Rachel Susan Bumgardner
Katherine Grace Neuhauser

Degree To Be Conferred December 19th
Sarah Mygatt Akus
Crystal Lynn Steiner

Special Education

Degree Conferred August 4th
Kristen Michelle Fussnecker

Degree To Be Conferred December 19th
Sarah Ann Butterfield
Catasha Artis Williams
Courtney Beth Wood

Special Education, Learning Disabilities

Degree To Be Conferred December 19th
Shannon Leigh Delos
Mary Ann Dickinson
Lorna Massey Nelson

Special Education, Mental Retardation

Degree Conferred August 4th
Anna Elizabeth Lane Cromer

Degree To Be Conferred December 19th
Rebecca Kate Pitts

Training and Development

Degree Conferred August 4th
Velvet Dawn Nelson

Degree To Be Conferred December 19th
Margaret Jean Dangerfield
Stefan Andrew Fehr
Rosalind Mary Guerrie
Lorah Kristin Kinney
Lauren Anne Mitchell
John Christopher Peluso II
Casey Gammon Vincent

MASTER OF ENGINEERING

Degree Conferred August 4th
Nicholas Irving Mohr
Ihab Hussein Osman
Parth M. Patel

Degree To Be Conferred December 19th
Lawrence Weir Brown, Jr.
Michael Shawn Brown
Charles A. Collins
Crystal Shauna Currie
Henry O. Hunter
Anna Elizabeth Lynch
Francisco J. Pacheco
Bobby C. Parker
Parshuram V. Patki
Bang Kim Pham
Marc Retzer Sloan
James Edward Southard, Jr.
Derek Andre Wooten

MASTER OF EXTENSION EDUCATION

Degree To Be Conferred December 19th
Anthony C. Benavente
Lisa Ann Manglona Benavente
Rebecca Ceney

MASTER OF FINANCIAL MATHEMATICS

Degree Conferred August 4th
Ping Li
Ryan Scott Wesslen

Degree To Be Conferred December 19th
Rudy Bombien
Guanyu Chen
Xiangjun Chen
Yinhu Li
Bin Qian
Shashank Shekhar
Yanting Xu

MASTER OF FOOD SCIENCE

Degree To Be Conferred December 19th
Gloria Botwe

MASTER OF FORESTRY

Degree Conferred August 4th
Dean Michael Mihelich

Degree To Be Conferred December 19th
Koffi Ayewa Bassan

MASTER OF FUNCTIONAL GENOMICS

Degree Conferred August 4th
Laura Elizabeth Hunnicutt

MASTER OF GENETICS

Degree To Be Conferred December 19th
Krista Ann Sondergaard

MASTER OF GLOBAL INNOVATION MANAGEMENT

Degree Conferred August 4th
Marcelo Tellez Anderson

Degree To Be Conferred December 19th
Bradley William Armstrong
Jeremy Pierre Bernier
Jessica Lane Bostian
Crystal Lynn Collier
Lauren Blair Crumpler
Marisa Gremigni
Nilambari Karekar
Brian Robert Kempf
Kalesia Nicole Kuenzel
James Laurent Rastit
Lindsay Marie Rufty
Guillaume Jean-Francois Teppa
Chadwick Foster Thompson
Ryan Louis Vargochik
Rui Wang
Mason Edward Weems

MASTER OF GRAPHIC DESIGN

Degree To Be Conferred December 19th
Robert Peter Ruehlman, Jr.

MASTER OF INDUSTRIAL DESIGN

Degree To Be Conferred December 19th
Lyndsey Denise Blackmon
Kent Randall Harris
Jessica Helene Konawicz
Andrew Thomas Peeler
Michael Anthony Rall
Rachel Linn Wilson

MASTER OF INDUSTRIAL ENGINEERING

Degree Conferred August 4th
Plamen Kirilov Velinski

Degree To Be Conferred December 19th
Ankur Aggarwal
William Casey Cauthorn
Anupam Jain
Chandrasekharan Kunjithapatham
Eung Gu Lee
Jeremy John Tejada

MASTER OF INTEGRATED MANUFACTURING SYSTEMS ENGINEERING

Degree Conferred August 4th
Abhishek Chhajed
Mital Naresh Desai
Bryan R. Klingenberg

Degree To Be Conferred December 19th
Kirat Shriniwas Bakshi
Swaroop Bangalore Shreedhara
Dan Austin Fulwider
Nihar Sudhir Ghade
Chintan Jayesh Ghatalia
Devendra Arun Joshi
Hemant Ramachandra Madhugiri
Arush Murari

Nishant Saini
Barathwaj Srinivasan
Shriram Veeramani

MASTER OF INTERNATIONAL STUDIES

Degree Conferred August 4th
Manisha Shirish Devasthali
Timothy Steven Slade

Degree To Be Conferred December 19th
Erin Casey Blake
Gregory Alan Bonadies
Nicholas Edward Copare
Jessie Mae Hardison
Angela Calin Hodges
Allison Adelle Yost

MASTER OF LANDSCAPE ARCHITECTURE

Degree To Be Conferred December 19th
Karen Louise Creech
Danny Wayne Hassell

MASTER OF MATERIALS SCIENCE AND ENGINEERING

Degree Conferred August 4th
Ka C. Wong

Degree To Be Conferred December 19th
Prashant Kumar Kulshreshtha

MASTER OF MICROBIAL BIOTECHNOLOGY

Degree Conferred August 4th
Zeltina Dvette O Neal

Degree To Be Conferred December 19th
Priti Anand

MASTER OF MICROBIOLOGY

Degree To Be Conferred December 19th
Christopher Colt Benninger
Lori Ann Gioia

MASTER OF NATURAL RESOURCES

Degree Conferred August 4th
Anjali Bala Kumar
Deanna Leigh Stewart

MASTER OF NUCLEAR ENGINEERING

Degree Conferred August 4th
Dennis Caswell Earp, Jr.
Usama Ahmed Elmetwali Elkazaz
Jason Paul Schaefer

Degree To Be Conferred December 19th
Robert Matthew Cox

MASTER OF NUTRITION

Degree Conferred August 4th
Lonnie Eugene Mevers, Jr.

Degree To Be Conferred December 19th
Quyen Bui Tran

MASTER OF OPERATIONS RESEARCH

Degree To Be Conferred December 19th
Pallavi Vasant Bhaid

MASTER OF PARKS, RECREATION, AND TOURISM MANAGEMENT

Degree To Be Conferred December 19th
Bryan David Barkley

MASTER OF PHYSIOLOGY

Degree Conferred August 4th
Randle William Ramsey

Degree To Be Conferred December 19th
Tammeka Marie Evans

MASTER OF PUBLIC ADMINISTRATION

Degree Conferred August 4th
Jerrica Shakevia Dowling
Jennifer Kowolenko
David Brock McNulty
John J. Scott
Aaron G. Theolet
Oshana Morre Watkins
Shiqin Xu

Degree To Be Conferred December 19th
David Matthew Butler
Tyrone Anthony Davis II
Patrick Ryan Dougherty
Christopher Mark Jones
Stephen Lawrence Keith

MASTER OF SCHOOL ADMINISTRATION

Degree To Be Conferred December 19th
Melissa Dawn Hart
Rhonda Patrice Izzard
Michael James Massey

MASTER OF SOCIAL WORK

Degree Conferred August 4th
Jolynn Collins
Eugenia Lee Hatley
Ashley Slate Quigley
Kathryn Anne Schley

MASTER OF STATISTICS

Degree Conferred August 4th
Dong Wang

Degree To Be Conferred December 19th
Shuqiong Zhuo

MASTER OF TEXTILES

Degree To Be Conferred December 19th
Brian Timothy Wummel

MASTER OF TOXICOLOGY

Degree To Be Conferred December 19th
Johnathan A. Owen

MASTER OF WOOD AND PAPER SCIENCE

Degree Conferred August 4th
Eric Nathan Lawson

Degree To Be Conferred December 19th
Jason Corey Tolar

MASTER OF ZOOLOGY

Degree Conferred August 4th
Nicholas Siva Hakeem Seward
John Christopher Summers

Degree To Be Conferred December 19th
Lisa M. Paine

MASTER OF ARTS DEGREES

Economics

Degree Conferred August 4th
Wesley Adam Smith

Degree To Be Conferred December 19th
Chrystelle Khalaf

English

Degree Conferred August 4th
Melinda Gale Elingburg
Sarah Jensen Mabe

Degree To Be Conferred December 19th
Trisha Nicole Brothers
Joshua Lee Clements
Laura Allison Harrell
Michelle Ann Hewitt
Amanda Marie Milloway
Daniel Douglas Parsons
Emily Ann Ransom
Anne Wilson Rudisill
Jason Lee Ziebart

French Language And Literature

Degree To Be Conferred December 19th
Latifa Zoulagh

History

Degree Conferred August 4th
Christopher John Musto
Lauren E. Raper
Robert Paine Shapard

Degree To Be Conferred December 19th
Shannon Dale Nix
Cheri L. Williams

Liberal Studies

Degree To Be Conferred December 19th
Matthew Thomas Beazley
Pamela Kay Boney
Carol Ann Douglas
Natalie E. Hampton
Samantha H. Hartford
Donna E. Haynes
Jeffrey Thomas Leonard
Willa Gray Nipper
James F. Pendergrass

Public History

Degree Conferred August 4th
Dean Bruno
Lindsay Paige Matson
Kelly Clark Policelli

Degree To Be Conferred December 19th
Ashley Renee Rich Desena

Spanish Language And Literature

Degree Conferred August 4th
Dalton Thompson Moss

Teaching

Degree To Be Conferred December 19th
Megan Amanda Justice

MASTER OF SCIENCE DEGREES

Aerospace Engineering

Degree Conferred August 4th
Adam Christopher Propst

Degree To Be Conferred December 19th
Matthew Lawrence Aitken
Jason Thomas Bishop
Michael D. Bynum
Jason Thomas Fisher
John David Fuller
John Alexander Gaebler
Brandon Webster Nichols
Robert H. Plunkett
Sally Catherine Maddocks Reece

Agricultural and Resource Economics

Degree Conferred August 4th
Swati Pathak

Animal Science

Degree Conferred August 4th
Emily Iris Weston

Degree To Be Conferred December 19th
Elizabeth Compton Bowdridge
Sara Lynn McKee
Kelly Marie Owens
Dana Marie Stanley

Applied Mathematics

Degree Conferred August 4th
Christina Maria Hewitt

Degree To Be Conferred December 19th
Cary Ross Humber
David Samuel Mokrauer
Terrance Lamar Pendleton
Francesca Reale-Levis
Erick M. Smith
James Milton Stephens, Jr.

Biological and Agricultural Engineering

Degree Conferred August 4th
Robert David Jarzemsky
Zhengzhong Liu
Jessica T. Roberts
Ryan Joseph Winston
Haiyan Yao

Degree To Be Conferred December 19th
Zihan Cao
Arthur Redding

Biomathematics

Degree Conferred August 4th
Megan A. Supple

Biomedical Engineering (Joint Degree with UNC-Chapel Hill)

Degree To Be Conferred December 19th
Skylar W. Marvel
Amy L. McPherson
Bonnie E. Pierson
Tabitha Amber Rush

Botany

Degree To Be Conferred December 19th
Andrew Scott Walker
Brenda L. Wichmann

Chemical Engineering

Degree To Be Conferred December 19th
Shoeb Ahmed
Timothy M. Carmann
Andrew David Frock
Casey James Galvin
Bo Gong
Jennifer J. Haynes
Hyung Jun Koo
Zhuo Liu
Jaspreet Notey
Prasenjit Sarkar
Ju-Hee So
Rahul Srinivas
Kevi Sun
Ahmet Burak Ucar

Chemistry

Degree Conferred August 4th
Alina Yurievna Efremenko

Kelly Ann Gauger
Zao Wang

Degree To Be Conferred December 19th
Christine Elizabeth Cade
Joshua T. Gurkin

Civil Engineering

Degree Conferred August 4th
Benjamin Michael Cote
Tian Hou
Dillon Stewart Lunn
Jaime Mauricio Perez
Elliott McDonald Taylor
Lauren Susan Wellborn
John C. Wylie

Degree To Be Conferred December 19th
Tyler M. Barker
Kendra Ann Cookson
Charles Noel Cunningham
Hartley Ray Grimes
Vivek Hariharan
Nathaniel Lane Harvey
Dan John Klingshirn
Jennifer Margaret Padgett
Aditya Narayanan Ramachandran
Meade Hanes Willis

Communication

Degree To Be Conferred December 19th
Amy Ross Bryson
Michael Raymond Charbonneau
Stephanie Lorraine Crayton
Kristi Rene Jones
Jonathan Howell Weiner

Computer Engineering

Degree Conferred August 4th
Ojas Ashok Bapat
Niket Kumar Choudhary
Raghuram Govindavajhala
Mursalin Habib
Levi Smith Mason
Di Xiao

Degree To Be Conferred December 19th
Anirudh Rajendra Acharya
Karthik Addanki Venkata
Vasant Agrawal
Sourabh Alurkar
Nandish Manoj Avlani
Rohit Bhat
Sharmada Sriram Bhat
Kinjal Ajitkumar Bhavsar
Purushotam Bheemanna
Ganapathy Ganapathy Odavappan
Chiranjeev Singh Gill
Sabina Grover
Shrikant Vishwanathan Iyer
Vikram Jayaraman
Vinay Mouli Katta
Mohit Khanna
Arvindsrinivasan L. Narasimhan
Gongyi Liu
Rohan Prakash Mallya
Ravi Teja Matta
Steven Daniel Mock
Spoorthy Nanjaiah
Vishwesh Pai
Poulomi Pal
Indira Radhika Pulla
Durga Archana Rangarajan
Ahmad Abdel Rauof Mo Samih
Rajashekar Santhapoor
Vaidyanathan Seetharaman
Sahil Singh
Bhanu Kumar Sirineni
Srikar Srimath Tirumala
Qin Sun
Fahd Syed
Tarani Teja Vishwanatha

Computer Networking

Degree Conferred August 4th
Mansoor Aftab
Layla Barakat
Keerthana Boloor
Vidya R. Nayak

Degree To Be Conferred December 19th
Anand Chandrashekar
Selvaganapathy Chidambaram
Gaurav Kumar Chittor
Niraj Milind Deosthali
Huyen Trung Duong
Nikhilesh Trilokinath Dwivedi
Keyur Hiren Gala
Panambur Darshan Karanth
Sangharshan Katukoori
Kiran Keshavamurthy
Anuj Dinesh Ladkani
Balasubramanian Madhavan
Vikram Muduvadi Bhanuprakash
Santosh Kumar Munirathna
Kasturirangan Parthasarathy
Arun Purushothaman
Neha Sinha
Varun Tutpet Keshava Murthy
Rajkumar Vijayan

Computer Science

Degree Conferred August 4th
Prakash Ramaswamy
Degree To Be Conferred December 19th
Reuben Francis Cornel
Sushamna Deodhar
Eric William Price
Karthik Ramachandran
Srinath Ravindran
Derek J. Sollenberger
Jessica D. Young

Crop Science

Degree Conferred August 4th
Jared A. Hovle
Andrew David Hunt
Kristen Lynn Kump

Degree To Be Conferred December 19th
Harold David Goodman
Gary S. Hamm
Peter Vincent Maloney

Electrical Engineering

Degree Conferred August 4th
Randall P. Barlow
Peter Gadfort
Jianchen Hu
Sonia Sharmin Islam
Jae Sung Jung
Preetika Kulshrestha
Unnati Ojha
Chintan Shah
Hardadi Sumadiwirya
Edward Robert Van Brunt

Degree To Be Conferred December 19th
Darshan Aithal
Sneha Raj Apparaju
Seunghun Baek
Vivek Balasubramaniam
Ashwin Bhatt
Chushi Cai
Barathi Chandrasekar
Jared Scott Everett
Aravindh Ganesh
Pooja Vishnu Gaonkar
Priya Lalit Gianchandani
Nagaraj Hatti Veerarajan
Aadhithya Hosalli Mukund
Jun Jian Hou
Philip Michael Iles
Kevur Kuntesh Joshi
Rajeshwari Chandrashekar Kattepur
Nitin Kwatra
Xuesong Lan, Sr.

Kristopher Francis Lawler, Jr.
Chun-Kit Leung
Yi-Hsin Lin
Santhosh Madhavan
James Andrew Mcbryde
Adarsh Mothukuri
Aditya Musunuri
Abhinav Uday Naik
Tripti Navak
Senthil Nath Opula Sooryanath
Ioannis Papapanagiotou
Divya Priscilla Paul
Akshay Shyam P. Raghavendra
Austin Josiah Pickles
Anand Ramamurthy
Aloknath Nagesh Rao
Zhengxin Tong
Nyunyi Marcus Tshibangu
Mengbin Yang
Jeevan Prakash Rao Yerraji

Entomology

Degree Conferred August 4th
Holly A. Wantuch

Degree To Be Conferred December 19th
Jessica L. Lawrence
Whitney G. Swink

Fisheries and Wildlife Sciences

Degree Conferred August 4th
Kyle M. Adamski
Christopher Ryan Ayers
Joan Y. Louie
Joseph A. Smith

Degree To Be Conferred December 19th
Corey Scott Shake

Food Science

Degree Conferred August 4th
Nicholas G. Kuhlman

Degree To Be Conferred December 19th
Mohammed Shahidul Islam
Mallory Anne Kelly
Johnathon B. Layfield
Iris W. Liaw
Jiajuan Xiong
Chia-Ying Yen
Matthew Joseph Yurgec

Forestry

Degree Conferred August 4th
Matthew John Cuneo
Lindsay Cloud Hannum

Degree To Be Conferred December 19th
Shan Liu
Jasmine Diane Shaw
Elizabeth R. Wood

Horticultural Science

Degree Conferred August 4th
Lingli Lou
Stephen Lawrence Meyers

Degree To Be Conferred December 19th
Clara A. Englert

Human Development and Family Studies

Degree To Be Conferred December 19th
Meredith Warren Drescher
Virginia Hamlet Rodillas
Monica H. Watkins

Industrial Engineering

Degree Conferred August 4th
Sharolyn Antonia Wynter
Yu Zhang
Biwen Zhu

Degree To Be Conferred December 19th
Vikas Kumar
Guhaprasanna Manogharan

Marine, Earth, and Atmospheric Sciences

Degree Conferred August 4th
Laurel B. Childress
Joshua J. Hemperly
Sung Phil Kim
Casey Elizabeth Letkewicz
Raymond Mroch
Kaitlin Iris Singer
Melanie Smith
Isaac Kow Tetteh

Degree To Be Conferred December 19th
Adam Kinney Baker
Justin Alan Crouch
Michael L. Diaz
Amy Tresa Haase
Erika Shields Millstein
Manuel Miguel Herrera Reyes, Jr.
Kevin Talgo
Joseph Brendan Zambon

Materials Science and Engineering

Degree Conferred August 4th
Matthew Russell King

Khushboo Surender Mittal
Andrew P. Newell

Degree To Be Conferred December 19th
Rex W. Bradley

Mathematics

Degree Conferred August 4th
Shirley Elizabeth Law
Joseph Brant Wood

Degree To Be Conferred December 19th
Kenneth Ray Ball
Kathryn Brenneman
Heather Michelle Gerard
John Thomas Hird, Jr.
Shana Marie Lieberman

Mechanical Engineering

Degree Conferred August 4th
Justin Tyler Gibides
Vivek Girisan
Veeraporn Kullatham
Michael James Simon

Degree To Be Conferred December 19th
Akshay Anantharaman
Britt W. Boughey
Alison Alana Davis
Karan Kishan Deshmukh
Yu Feng
Virginia Grace Flusche
Mitesh Pankajbhai Ghelani
William Fenner Griffin III
Changhong Guan
Kamlesh Govindram Gupta
Alexander Charles Hummel
Ankit Raghunath Lad
Andrew William Lane
Ted Eugene Lehman
Daniel James Maley
Byron E. McLendon
Vrushali Vasu Mendon
Dolanimi Olugbenga Ogunkova
Nilesh Gunwantrao Rajule
Craig Michael Rende
Ravish Srigiri
Nikhil Baburam Vasudeo
Xiaoyang Wang
Erik Mark Zdanowicz

Natural Resources

Degree To Be Conferred December 19th
Joelle Marie Laing

Nuclear Engineering

Degree Conferred August 4th
Joshua Nowak

Degree To Be Conferred December 19th
William C. Proctor
Shen Zhang

Operations Research

Degree Conferred August 4th
Jeremy Daniel Kramer
Jennifer Elizabeth Mason
Brian Elliott Piper
Sharolyn Antonia Wynter

Parks, Recreation, and Tourism Management

Degree Conferred August 4th
Larissa Kathryn Witmer

Degree To Be Conferred December 19th
Jessica Leigh Carr

Physics

Degree Conferred August 4th
Aric Paul Meyer
Eli Thomas Owens
William Nicholas Zinicola

Degree To Be Conferred December 19th
Trevor E. Anderson
Katie Marie Andrews
Christopher Emile Coppola

Physiology

Degree To Be Conferred December 19th
Elizabeth Compton Bowdridge

Plant Pathology

Degree Conferred August 4th
Araby Ruth Belcher
Kathryn Renee Cherry

Degree To Be Conferred December 19th
Jeffrey Wayne Frye

Poultry Science

Degree Conferred August 4th
Heather Renee Cutchin Evans

Psychology

Degree Conferred August 4th
Julia Easton

Paul Younghoon Kim
Anisha Mahesh Nix

Degree To Be Conferred December 19th
Paul Anthony Dennis
Athena Elaine Franks
Karl Alexander Kaufmann
Marie Patrice Panepinto
Sarah Gwen Ross

Sociology

Degree To Be Conferred December 19th
Brandi Lynn Leach
Nicholas P. Solebello
Mindy Lara Vulpis

Soil Science

Degree Conferred August 4th
Yuqiang Bi

Degree To Be Conferred December 19th
Jennifer Gatens Burdette
Sara Victoria Knies
Lloyd Chipiliro Sivan Liwimbi

Technical Communication

Degree Conferred August 4th
Robin Leigh Wienke

Degree To Be Conferred December 19th
Samuel John Kadwell
Michelle Maureen Kidd
Alison Elizabeth Weaver

Technology Education

Degree To Be Conferred December 19th
Adam Warren Carriker
Nolan Edward Fahrer
Timothy Brandon Thompson

Textile Chemistry

Degree Conferred August 4th
Aaron M. Horton
Priyadarshini Prakash Malshe
Khushboo Surender Mittal
Shu Zhang

Textile Engineering

Degree Conferred August 4th
Edward Arthur Dalton
Maria Ina
Rupesh Gajanan Nawalakhe

Sangeetha Ramaswamy
Srinivasa Syamal Sanmath Tallury

Degree To Be Conferred December 19th
Venugopal Boppa
Michael David Propst

Textiles

Degree Conferred August 4th
Christine Marie Charette
Charles Ian Raulston
Sudhir Sarma

Degree To Be Conferred December 19th
Jenna Marie Eason
Jung Hyun Park

Toxicology

Degree To Be Conferred December 19th
Phillip Chapman Bost

Wood and Paper Science

Degree To Be Conferred December 19th
Joscelin Teresita Diaz Isaya

DOCTOR OF EDUCATION DEGREES

Degrees Conferred August 4th

Kristin Michele Bell, Educational Administration and Supervision
Dissertation: A Phenomenological Study of Multiple Incidence Autism Families and School Administrator Perspectives. (Under the direction of Kenneth Brinson.)

Michael Todd Holmes, Educational Administration and Supervision
Dissertation: Creating a School Culture in Newly Opened Schools. (Under the direction of Lance Fusarelli and Kevin Brady.)

Amanda G. Thomas, Higher Education Administration
Dissertation: The Relationships Between Students' Use of Instant Messaging and Their Psychological Sense of Community. (Under the direction of Audrey Jaeger.)

Makia Rahnella Tillman, Technology Education
Dissertation: Factors Contributing to the Development of Distance Education through Preliminary Online Training and Identifying Various Levels of Technical Competencies by Online Instructors within the University of North Carolina System. (Under the direction of V. DeLuca and Terri Varnado.)

Degrees To Be Conferred December 19th

Melissa Bryant Burns, Educational Administration and Supervision
Dissertation: Balancing Act: The Professional and Personal Lives of Female Elementary School Principals. (Under the direction of Lance Fusarelli.)

Carol Fowler Durham, Adult and Community College Education
Dissertation: Preference for Instructional Methods and MBTI Personality Types in Nurses. (Under the direction of Duane Akroyd.)

Jamee Osborn Lynch, Educational Administration and Supervision
Dissertation: The Leadership Influence of National Board Certified Teachers in Elementary Schools. (Under the direction of Lance Fusarelli.)

Francine Piscitelli Riddick, Educational Administration and Supervision
Dissertation: What is Your Bench Strength? An Exploration of Succession Planning in Three Large School Districts in a Southeastern State. (Under the direction of Lance Fusarelli and Matthew Militello.)

Ricky Scott, Higher Education Administration
Dissertation: Undergraduate Educational Experiences: The Academic Success of College Students with Blindness and Visual Impairments. (Under the direction of Carol Kasworm.)

Sophia Jeffries Stone, Adult and Community College Education
Dissertation: Instructors' Perceptions of Three-Dimensional (3D) Virtual Worlds: Instructional Use, Implementation, and Benefits for Adult Learners. (Under the direction of Bradley Mehlenbacher.)

Michelle Hurt Windle, Educational Administration and Supervision
Dissertation: Counseling Matters: A Multi-Case Study of High School Counselors and Their Perceptions of Their Role in the School Community. (Under the direction of Paul Bitting.)

DOCTOR OF PHILOSOPHY DEGREES

Degrees Conferred August 4th

Sergio Manacpo Abit, Jr., Soil Science
Dissertation: Hydrologic Effects on Subsurface Fates and Transport of Contaminants. (Under the direction of Aziz Amoozegar and Michael Vepraskas.)

Avesh Kumar Agarwal, Computer Science
Dissertation: Performance Evaluation and Protection Management for Wireless Networks. (Under the direction of Wenye Wang.)

Anne Trice Thompson Akers, Curriculum and Instruction
Dissertation: Perceptions of Talk, Text, Transactions, and Technology: Preservice Teachers, CMC, and Reader Response. (Under the direction of Carol Pope and Carl Young.)

Margaret Erin Alexander, Economics
Dissertation: The Progressive Income Tax and the Macroeconomy. (Under the direction of John Seater.)

Jennifer A. Ayres, Chemistry
Dissertation: Synthesis and Characterization of Nanoparticle Assemblies for Electronic Applications. (Under the direction of Christopher Gorman.)

Reha Onur Azizoglu, Food Science
Dissertation: Temperature-dependent Freeze-thaw Tolerance and Genetic Characterization of Stress Response Mechanisms of *Listeria*. (Under the direction of Sophia Kathariou.)

Byung Chull Bae, Computer Science
Dissertation: A Computational Model of Narrative Generation for Surprise Arousal. (Under the direction of Robert Young.)

Xiao Bai, Mechanical Engineering
Dissertation: Processing and Characterization of Functionally Graded Hydroxyapaptite Coatings for Biomedical Implants. (Under the direction of Afsaneh Rabiei.)

Satyaveda Chavi Bharath, Materials Science and Engineering
Dissertation: Characterization of Molecular and Atomic Species Adsorbed on Ferroelectric and Semiconductor Surfaces. (Under the direction of Gerd Duscher and Thomas Pearl.)

Kimberly Clark Bowen, Curriculum and Instruction
Dissertation: The Relation of Teachers' Reflective Judgment and Conceptions of Teaching and Learning. (Under the direction of Ruie Pritchard.)

Paul William Breimyer, Computer Science
Dissertation: A Transparent Collaborative Framework for Efficient Data Analysis and Knowledge Annotation on the Web. (Under the direction of Nagiza Samatov a.)

Jacob N. Brimlow, Economics
Dissertation: The Determinants and Effects of Enrollment in the USDA Conservation Reserve Program. (Under the direction of Paul Fackler.)

Deborah Christina Bromfield Lee, Chemistry
Dissertation: Development of Sensorial Experiments and their Implementation into Undergraduate Laboratories. (Under the direction of Maria Oliver-Hoyo.)

Juliana Kirsten Buckelew, Horticultural Science
Dissertation: Orchard Floor Management in Young Peach [*Prunus Persica* (L.) Batsch.]: Effects of Irrigation, Vegetation-free Width, and Certain PRE Herbicides. (Under the direction of David Monks.)

Bradley J. Busche, Materials Science and Engineering
Dissertation: Compatibilization of Polystyrene/Poly(dimethylsiloxane) Blends Using Star Polymers Containing a γ -Cyclodextrin Core and Polystyrene Arms. (Under the direction of C. Maurice Balik.)

Shaun N. Casteel, Soil Science
Dissertation: Phosphorus Dynamics from Broiler Breeder Diets in Manure, Soil, and Corn. (Under the direction of Daniel Israel and John Brake.)

Thomas G. Chadwick, Chemistry
Dissertation: Lipid-Protein Interactions by Advanced EPR Methods. (Under the direction of Tatyana Smirnova.)

Chia-Cheng Chen, Statistics
Dissertation: Assessing Agreement with Intraclass Correlation Coefficient and Concordance Correlation Coefficient. (Under the direction of Huiman Barnhart and Marie Davidian.)

Yuh-Ming Chiu, Electrical Engineering
Dissertation: On the Performance of Peer Selection Strategies in Stochastic Peer-to-Peer Networks. (Under the direction of Do Eun.)

Pankaj Chopra, Computer Science
Dissertation: Data Mining Techniques to Enable Large-scale Exploratory Analysis of Heterogeneous Scientific Data. (Under the direction of Donald Bitzer and Steffen Heber.)

Michael Scott Collins, Civil Engineering
Dissertation: Finite Element Modeling of Light Frame Wood Structures An Integrated Approach. (Under the direction of Mervyn Kowalsky and Bohumil Kasal.)

Michael F. Davis, Chemistry
Dissertation: Structural Studies of Inhibitor and Substrate Binding in the Hemoglobin Dehaloperoxidase. (Under the direction of Stefan Franzen.)

Mary Elizabeth Drewnoski, Animal Science & Poultry Science and Nutrition
Dissertation: Understanding the Effect of Reduced Supplementation Frequency on Performance, Digestion and Metabolism of Stocker Cattle. (Under the direction of Matt Poore and Gerald Huntington.)

Kathryn C. Dutton, Textile Technology Management
Dissertation: Consumer Acceptance of Nonwoven Fabrics for Apparel and Accessory End-Uses. (Under the direction of Cynthia Istook.)

Zyad Ahmad Dwekat, Electrical Engineering
Dissertation: Practical Fair Queuing Schedulers: Simplification through Quantization. (Under the direction of Mladen Vouk and Georgios Rouskas.)

Michael B. Edwards, Parks, Recreation, and Tourism Management
Dissertation: Place Disparities in Access to Supportive Environments for Extracurricular Sport and Physical Activity in North Carolina Middle Schools. (Under the direction of Jason Bocarro and Michael Kanters.)

Gregory E. Frey, Forestry
Dissertation: Economic Analyses of Agroforestry Systems on Private Lands in Argentina and the USA. (Under the direction of Frederick Cubbage.)

Courtney Anne Gallup, Plant Pathology
Dissertation: The Impacts of Black Shank Resistance Management on the Population Biology of *Phytophthora nicotianae* in Tobacco. (Under the direction of Howard Shew.)

Alyssa Ann Gamaldo, Psychology
Dissertation: Assessing Intraindividual Variability on Neuropsychological Assessments in African American Older Adults. (Under the direction of Jason Allaire and Thomas Hess.)

David R. Georgianna, Functional Genomics
Dissertation: Functional and Comparative Genomics of *Aspergillus flavus* to Characterize Secondary Metabolism. (Under the direction of Gary Payne.)

John David Gerlach II, Public Administration
Dissertation: An Examination of Factors that Explain the Use of Data in the Natural Resource Policy Process. (Under the direction of Dennis Daley.)

Matthew D. Gerstacker, Counselor Education
Dissertation: Becoming an Emerging Adult: Demographic and Cultural Factors, Coping Style, and Coping Self-Efficacy as Predictors of Exploration and Commitment during the Resolution of an Emerging Adult's Identity Crisis. (Under the direction of Sylvia Nassar McMillan.)

Xiaohua Gong, Bioinformatics and Statistics
Dissertation: Mapping Quantitative Trait Loci in Outbred Half-sib Populations. (Under the direction of Shaobang Zeng.)

Jeremy Green, Marine, Earth, and Atmospheric Sciences
Dissertation: Enamel reduction and Orthodontine in Dicynodontia (Therapsida) and Xenarthra (Mammalia): An Evaluation of the Potential Ecological Signal Revealed by Dental Microwear. (Under the direction of Mary Schweitzer.)

James M. Harris, Chemical Engineering
Dissertation: Biochemical and Biophysical Characterization of Hyperthermophilic Sugar Isomerases and Epimerases. (Under the direction of Robert Kelly.)

Martin Andrew Heller, Applied Mathematics
Dissertation: Robust Minimum Density Estimators and Stochastic Resonance for Classification Algorithms. (Under the direction of Kazufumi Ito.)

Matthew Omon Herigstad, Chemical Engineering
Dissertation: Hybrid Particle-Nonwoven Membrane Media for Bioseparations. (Under the direction of Ruben Carbonell.)

Balazs Horvath, Wood and Paper Science
Dissertation: Effect of Lignin Content and Structure on Anatomical, Physical and Mechanical Properties of Genetically Engineered Aspen Trees. (Under the direction of Ilona Peszlen and Perry Peralta.)

Gang Hu, Wood and Paper Science
Dissertation: Adsorption and Activity of Cellulase Enzymes on Various of Cellulose Substrates. (Under the direction of John Heitmann.)

Robert William Huigens III, Chemistry
Dissertation: The Development of Ageliferin Inspired Small Molecules as Antibiofilm and Antibacterial Agents against Multidrug Resistant Bacterial Pathogens. (Under the direction of Christian Melander.)

Youssef Idaghdour, Genetics
Dissertation: Genetic and Environmental Components of Human Leukocyte Gene Expression Variation in Morocco. (Under the direction of Gregory Gibson and William McMillan.)

Beakcheol Jang, Computer Science
Dissertation: Wireless MAC Protocol Design and Analysis. (Under the direction of Mihail Sichitiu.)

Amanda C. Kaye, Plant Pathology
Dissertation: Population Genetic Analysis of Tomato Spotted wilt virus (TSWV) on Peanut in North Carolina and Virginia. (Under the direction of Marc Cubeta and George Kennedy.)

Michael Thomas Kiefer, Marine, Earth, and Atmospheric Sciences
Dissertation: The Dynamics of Wildfire-Generated Dry Convection: Fundamental Processes and Complicating Factors. (Under the direction of Matthew Parker.)

Jihye Kim, Bioinformatics
Dissertation: Mining of *CIS*-Regulatory Motifs Associated with Tissue-Specific Alternative Splicing. (Under the direction of Steffen Heber.)

Ravi Kumar Komanduri, Electrical Engineering
Dissertation: Ultra efficient Liquid Crystal Projection Displays: Polarizer-free Displays Using Continuous Polarization Gratings. (Under the direction of Michael Escuti.)

Maxim Valeryevich Kormilitsin, Computer Science
Dissertation: Algorithms for Selecting Views and Indexes to Answer Queries. (Under the direction of Matthias Stallmann and Rada Chirkova.)

Rakesh Kumar, Horticultural Science
Dissertation: Inheritance of Fruit Yield and other Horticulturally important Traits in Watermelon [*Citrullus lanatus* (Thunb.) Matsum. & Nakai]. (Under the direction of Todd Wehner.)

Nasim Lari, Economics
Dissertation: The Impact of Diabetes Patients' Trust in Their Physicians on Medical Care & Health-Producing Activities. (Under the direction of Alvin Headen and Denis Pelletier.)

Michael R. Layne, Design
Dissertation: Supporting Intergenerational Interaction: Affordance of Urban Public Space. (Under the direction of Shishir Raval and Henry Sanoff.)

Alice Mei Lee, Microbiology
Dissertation: Functional Analysis of Tungsten Metabolism in *Pyrococcus furiosus*. (Under the direction of Amy Grunden.)

Jisun Lee, Civil Engineering
Dissertation: Development and Testing of a Constrained Optimization Model for Traffic Signal Plan Transition. (Under the direction of Billy Williams.)

Lianna Li, Functional Genomics
Dissertation: The Cardiac Response to Reovirus Infection. (Under the direction of Barbara Sherry.)

Chemin Lim, Civil Engineering
Dissertation: Low Cycle Fatigue Life Prediction of Four Bolt Extended Unstiffened End Plate Moment Connections. (Under the direction of Emmett Sumner and Sami Rizkalla.)

Ho Sun Lim, Textile Technology Management
Dissertation: Three Dimensional Virtual Try-on Technologies in the Achievement and Testing of Fit for Mass Customization. (Under the direction of Cynthia Istook and Trevor Little.)

Hongyi Liu, Fiber and Polymer Science
Dissertation: Fiber Lubrication: A Molecular Dynamics Simulation Study. (Under the direction of Wendy Krause and Orlando Rojas.)

Li Liu, Civil Engineering
Dissertation: Real-time Contaminant Source Characterization in Water Distribution Systems. (Under the direction of Gnanamanikam Mahinthakumar and Sanmugavadivel Ranjithan.)

Yueying Liu, Electrical Engineering
Dissertation: Analytical Physics Based AlGaN/GaN HFET Large Signal Model and Nonlinearity Analysis with Nonlinear Source Resistance. (Under the direction of Robert Trew and Griff Bilbro.)

Zhe Liu, Operations Research
Dissertation: The Nearest Point Problem in a Polyhedral Cone and Its Extensions. (Under the direction of Yahya Fathi.)

Kyle Luthy, Computer Engineering
Dissertation: Mobile Robotic Navigation and Control for Large Scale Wireless Sensor Network Repair. (Under the direction of Edward Grant.)

Alex L. Marten, Economics
Dissertation: Essays on the Application and Computation of Real Options. (Under the direction of Paul Fackler.)

Per Hilding McCord, Horticultural Science
Dissertation: Genetic, Genomic, and Transgenic Approaches to Understand Internal Heat Necrosis in Potato. (Under the direction of George Yencho and Bryon Sosinski.)

Kelci Jo Miclaus, Statistics
Dissertation: Addressing Sources of Bias in Genetic Association Studies. (Under the direction of Jason Osborne and Russell Wolfinger.)

Anushree Mohan, Fiber and Polymer Science
Dissertation: Modification of Nylon 6 Structure *via* Nucleation. (Under the direction of Alan Tonelli and Richard Kotek.)

James Adiel Morris, Jr., Zoology
Dissertation: The Biology and Ecology of the Invasive Indo-Pacific Lionfish. (Under the direction of James Rice and John Govoni.)

Wei Mu, Computer Science
Dissertation: A Schematic Representation for Cognitive Tool-Using Agents. (Under the direction of Robert St. Amant.)

Jeong-Seok Na, Chemical Engineering
Dissertation: Nanoscale Assembly for Molecular Electronics and In Situ Characterization during Atomic Layer Deposition. (Under the direction of Gregory Parsons.)

James M. Niehaus, Computer Science
Dissertation: Cognitive Models of Discourse Comprehension for Narrative Generation. (Under the direction of Robert Young.)

Christopher John Oldham, Materials Science and Engineering
Dissertation: Applications of Atmospheric Plasmas. (Under the direction of Jerome Cuomo.)

Youwen Pan, Microbiology
Dissertation: A Comparative Study of Serotype 1/2a and Serotype 4b Strains of *Listeria monocytogenes* in Biofilms Using a Simulated Food Processing System. (Under the direction of Frederick Breidt.)

Qing Peng, Chemical Engineering
Dissertation: Nanoscale Engineering Materials with Supercritical Fluid and Atomic Layer Deposition. (Under the direction of Gregory Parsons.)

Jason Gannon Powers, Genetics
Dissertation: Mapping Replication and Silencing Suppression Elements in the RCNMV Genome. (Under the direction of Steven Lommel and Steven Spiker.)

Monica A. Price, Public Administration
Dissertation: Are Distance Education Programs at Historically Black Colleges and Universities in the University of North Carolina System Mission or Market Driven? An Empirical and Qualitative Study. (Under the direction of Michael Vasu.)

Imad Mohammed Qashou, Fiber and Polymer Science
Dissertation: An Investigation of Radiative Heat Transfer Through Fibrous Thin Sheets. (Under the direction of Behnam Pourdeyhimi and Hooman Vahedi Tafreshi.)

David Reid Rabon, Jr., Zoology
Dissertation: Factors Affecting Reproduction in the Red Wolf (*Canis rufus*). (Under the direction of Harold Heatwole.)

Justin J. Richards, Chemistry
Dissertation: Design, Synthesis, and Biological Evaluation of Novel Anti-Biofilm Molecules Derived from the Oroidin Alkaloids. (Under the direction of Christian Melander.)

Rosimar Rovira Truitt, Chemistry
Dissertation: Synthesis and Characterization of Biopolymer Composites and their Inorganic Hosts. (Under the direction of Jeffery White.)

Jason Scott Sampson, Chemistry
Dissertation: Development and Characterization of an Atmospheric Pressure Ionization Source Matrix-Assisted Laser Desorption Electrospray Ionization Coupled to Fourier Transform Ion Cyclotron Resonance Mass Spectrometry for Analysis of Biological Macromolecules. (Under the direction of David Muddiman.)

Nancy M. Santagata, Chemistry
Dissertation: Stereochemical Effects on the Organizational and Electronic Structure of the Tartaric Acid/Ag(111) System. (Under the direction of Christopher Gorman and Thomas Pearl.)

Jovita Marquez Saquing, Civil Engineering
Dissertation: Sorption Behavior and Persistence of Organic Contaminants in Landfills. (Under the direction of Detlef Knappe and Morton Barlaz.)

Radhika Niyogi Shah, Immunology
Dissertation: Evaluation of Zebrafish Novel Immune-Type Receptor 9 (NITR9). (Under the direction of Jeffrey Yoder and Frederick Fuller.)

Woo Sub Shim, Fiber and Polymer Science
Dissertation: A Diagnostic Expert System for the Coloration of Polyester Materials. (Under the direction of Renzo Shamey and Jeffrey Joines.)

Justin Hall Shows, Statistics
Dissertation: Sparse Estimation and Inference for Censored Median Regression. (Under the direction of Hao Zhang and Wenbin Lu.)

Bryan Fleet Staley, Civil Engineering
Dissertation: Environmental and Spatial Factors Affecting Microbial Ecology and Metabolic Activity During the Initiation of Methanogenesis in Solid Waste. (Under the direction of Morton Barlaz.)

Derrick R. Stevens, Physics
Dissertation: Molecular Dynamics in Self-assembled Monolayers and Polymers studied via sensitive Dielectric Spectroscopy. (Under the direction of Laura Clarke.)

Arun Suresh, Electrical Engineering
Dissertation: Amorphous Indium Gallium Zinc Oxide Thin-Film Transistors, Non-volatile Memory and Circuits for Transparent Electronics. (Under the direction of John Muth.)

Jesse A. Teske, Chemistry
Dissertation: Natural Product Synthesis via [2+2+2] Cyclotrimerization Reactions. (Under the direction of Alexander Deiters.)

Elizabeth Ellen Anderson Thompson, Toxicology
Dissertation: CCAAT/Enhancer Binding Protein Alpha in UVB Responses in Human and Mouse Skin and Mouse Skin Tumorigenesis. (Under the direction of Robert Smart.)

Michelle Denee Trautwein, Entomology
Dissertation: Muti-gene Phylogenetics to Resolve Key Areas of the Fly Tree of Life. (Under the direction of Brian Wiegmann.)

Vikrant Vijay, Comparative Biomedical Sciences
Dissertation: Assessment of Cutaneous Permeability of Biocides in Mixtures using QSPR Approach. (Under the direction of Ronald Baynes and Jim Riviere.)

Matthew J. Walker, Materials Science and Engineering
Dissertation: Impact of Stringently Controlled Vacuum Environments with *in situ* Surface Cleaning on Contact Resistance of Au and Ru Based Radio Frequency Microelectromechanical Systems. (Under the direction of Donald Brenner and Jacqueline Krim.)

Chao Wang, Computer Science
Dissertation: Transparent Fault Tolerance for Job Healing in HPC Environments. (Under the direction of Rainer Mueller.)

Zhengjia Wang, Fiber and Polymer Science
Dissertation: Nanolayer Self assemblies on Ionic Fibers. (Under the direction of Peter Hauser.)

Worawut Wangwatcharakul, Industrial Engineering
Dissertation: Modeling Inventory Systems with Imperfect Supply. (Under the direction of Russell King and Donald Warsing.)

Sarah Rose Weatherbee, Psychology
Dissertation: Assessing the Between- and Within-Person Relationships between Pain and Cognitive Performance in Older Adults. (Under the direction of Jason Allaire.)

Virginia D. Wheeler, Materials Science and Engineering
Dissertation: Structure and Properties of Epitaxial Dielectrics on GaN. (Under the direction of Mark Johnson.)

Dennis Keith Williams, Jr., Chemistry
Dissertation: Exploring Fundamental Aspects of Proteomic Measurements: Increasing Mass Measurement Accuracy, Streamlining Absolute Quantification, and Increasing Electrospray Response. (Under the direction of David Muddiman.)

Hui Xie, Applied Mathematics
Dissertation: Finite Element Methods for Interface Problems with Locally Modified Triangulations. (Under the direction of Zhilin Li.)

Yifat Rahel Yaniv, Food Science
Dissertation: Rheological Characterization of Alginate Microbead Gels and Suspensions. (Under the direction of Christopher Daubert.)

Qin Zhang, Applied Mathematics
Dissertation: Control of Infinite Dimensional Bilinear Systems: Applications to Quantum Control Systems. (Under the direction of Kazufumi Ito.)

Tao Zhang, Industrial Engineering
Dissertation: Using Measures of Situation Awareness to Characterize Mental Models in Inductive Reasoning Tasks. (Under the direction of David Kaber.)

Ming Zhao, Computer Engineering
Dissertation: Design, Modeling, and Analysis of User Mobility and its Impact on Multi-hop Wireless Networks. (Under the direction of Wenye Wang.)

Degrees To Be Conferred December 19th

Emre Alptekin, Electrical Engineering
Dissertation: Low Resistivity Contact Methodologies for Silicon, Silicon Germanium and Silicon Carbon Source/Drain Junctions of Nanoscale CMOS Integrated Circuits. (Under the direction of Mehmet Ozturk.)

April V. Alston, Applied Mathematics
Dissertation: Heart Rate Regulation: Modeling and Analysis. (Under the direction of Hien Tran and Mette Olufsen.)

Sarah DeLeigh Ayroles, Genetics
Dissertation: Molecular and Physiological Mechanisms Underlying Chemical Communication in the Honey Bee, *Apis mellifera*. (Under the direction of Trudy MacKay and Christina Grozinger.)

Fadhel A. Kh A. Azeez, Chemical Engineering
Dissertation: Lithium bis(Oxalato)Borate-Based Electrolyte for Lithium Ion Cells. (Under the direction of Peter Fedkiw.)

Michael S. Bereman, Chemistry
Dissertation: The Development of Desorption Electrospray Ionization and Nano Flow Liquid Chromatography Mass Spectrometric Methods for Glycan Analysis: Applications for Biomarker Discovery in Epithelial Ovarian Cancer. (Under the direction of David Muddiman.)

Brooke Witting Bissinger, Entomology
Dissertation: Novel Methods of Hematophagous Arthropod Control. (Under the direction of Richard Roe.)

Katrina Rebecca Bloch, Sociology
Dissertation: Social Movement Framing and the Reproduction of Inequality: Immigrant Restrictionists Constructing Virtual Selves on the Internet. (Under the direction of Michael Schulman.)

John A. Boles, Aerospace Engineering
Dissertation: Hybrid Large-Eddy Simulation/Reynolds-Averaged Navier-Stokes Methods and Predictions for Various High-Speed Flows. (Under the direction of Jack Edwards.)

Goran Bozinovic, Toxicology
Dissertation: Development and Population Divergence. (Under the direction of Damian Shea and Marjorie Oleksiak.)

Zachary W. Brewster, Sociology
Dissertation: Everyday Racism in the Context of Full-Service Restaurants. (Under the direction of William Smith.)

Malissa Ann Bailey Carr, Psychology
Dissertation: Dating Relationship and Condom Use in College Students: An Application of the Transtheoretical Model. (Under the direction of Ann Schulte.)

Christian Fredrick Casper, Communication, Rhetoric, and Digital Media
Dissertation: Mutable Mobiles: Online Journals and the Evolving Genre Ecosystem of Science. (Under the direction of Carolyn Miller.)

Andrii Chyzh, Physics
Dissertation: Neutron Capture Measurements on ^{157}Gd and ^{89}Y at DANCE. (Under the direction of Gary Mitchell.)

Guy David Collins, Crop Science
Dissertation: Reducing Costs and Optimizing the Timing of Agronomic Inputs for Cotton (*Gossypium hirsutum* L.) in North Carolina. (Under the direction of Keith Edmisten.)

Carrie Elizabeth Cornelius, Fiber and Polymer Science
Dissertation: Novel Application of Atmospheric Pressure Plasma on Textile Materials. (Under the direction of Marian McCord and Mohamed Bourham.)

Brooks Matthew Depro, Economics
Dissertation: Residential Mobility and Ozone Exposure in the San Francisco Bay Area. (Under the direction of Raymond Palmquist.)

Carl Matthew DiCasoli, Statistics
Dissertation: Bayesian Regression Methods for Crossing Survival Curves. (Under the direction of Subhashis Ghoshal and Sujit Ghosh.)

Samuel P. Dickson, Bioinformatics and Statistics
Dissertation: Improving Discovery of Causal Variants in Genetic Association Studies. (Under the direction of Gregory Gibson and Marie Davidian.)

Robert Brent Dixon, Chemistry
Dissertation: The Development and Utilization of Aerodynamic Devices in Biological Mass Spectrometry. (Under the direction of David Muddiman.)

Carlo Domizioli, Electrical Engineering
Dissertation: Noise Analysis and Low-Noise Design for Compact Multi-Antenna Receivers: A Communication Theory Perspective. (Under the direction of Brian Hughes.)

Yuhan Dong, Electrical Engineering
Dissertation: MIMO Beamforming With Mutual Coupling, Limited Feedback and Coordination. (Under the direction of Brian Hughes.)

Benjamin James Dorshorst, Functional Genomics
Dissertation: Association Mapping in the Chicken: Loci Affecting Skin Pigmentation, Structural Morphology and Antibody Response. (Under the direction of James Petitte and Christopher Ashwell.)

Christine Woods Duarte, Bioinformatics
Dissertation: A New Method for Genetic Network Reconstruction in Expression QTL Data Sets. (Under the direction of Shaobang Zeng.)

Magen Starr Eller, Crop Science
Dissertation: Improving Resistance to Fusarium Ear Rot and Fumonisin Contamination and Increasing Yield with Exotic Maize Germplasm. (Under the direction of James Holland and Gary Payne.)

Laine Elizabeth Elliott, Statistics
Dissertation: Adjusting for Measurement Error. (Under the direction of Leonard Stefanski and Marie Davidian.)

Gunce Eryuruk, Economics
Dissertation: Three Essays on Dynamic Panel Data Estimation. (Under the direction of Mehmet Caner.)

Katherine Anne Ewing, Psychology
Dissertation: Estimating the Effectiveness of Special Education Using Large-Scale Assessment Data. (Under the direction of Ann Schulte.)

Erkko Ilari Filpponen, Wood and Paper Science
Dissertation: The Synthetic Strategies for Unique Properties in Cellulose Nanocrystal Materials. (Under the direction of Dimitris Argyropoulos.)

Earl Wayne Freeman, Public Administration
Dissertation: Training Effectiveness: The Influence of Personal Achievement Goals on Post-Training Self-efficacy. (Under the direction of Michael Vasu and Timothy Hatcher.)

David Bruce French, Aerospace Engineering
Dissertation: Deviation of Earth Threatening Asteroids Using Tether and Ballast. (Under the direction of Andre Mazzoleni.)

Martin Ray Friedrichs, Crop Science
Dissertation: Heterosis and Inbreeding Depression in *Glycine max*. (Under the direction of Joseph Burton.)

Brendon L. Fussnecker, Genetics
Dissertation: Analysis of Molecular and Physiological Pathways Regulating Social Behavior in Honey Bees: Elucidating the Role of *Kr h1* and cGMP. (Under the direction of James Mahaffey and Christina Grozinger.)

Jennifer Leigh Godwin, Nutrition
Dissertation: The Use of Degermed-Dehulled Corn to Reduce Phosphorus Excretion from Turkeys. (Under the direction of Jesse Grimes.)

Steven Randall Gray, Chemical Engineering
Dissertation: Functional Genomics Analysis of Carbohydrate Conversion to Biohydrogen by Pure and Mixed Cultures of H2 perthermophilic *Thermotoga* Species. (Under the direction of Robert Kelly.)

Judith Ann Grenko, Materials Science and Engineering
Dissertation: Characterization of Homoepitaxially-Grown AlGaN/GaN Heterostructures. (Under the direction of Mark Johnson.)

Bethany R. Hannas, Toxicology
Dissertation: Mechanistic Evaluation of the Reproductive and Developmental Toxicity of Nitrate and Nitrite. (Under the direction of Gerald LeBlanc.)

Peng He, Chemistry
Dissertation: Reversible Addition Fragmentation Chain Transfer Polymerization in Amplification-by-Polymerization for DNA Biosensing. (Under the direction of Lin He.)

Benjamin D. Hickerson, Parks, Recreation, and Tourism Management
Dissertation: Individual, Social, Physical Environmental, and Organizational Correlates of Children's Summer Camp-Based Physical Activity. (Under the direction of Karla Henderson.)

Carey Anne Hobbs, Functional Genomics
Dissertation: Structural and Functional Characterization of Bacterial Response and Neuroprotective Proteins. (Under the direction of John Cavanagh.)

Brian E. Howard, Bioinformatics
Dissertation: Methods for Accurate Analysis of High Throughput Transcriptome Data. (Under the direction of Steffen Heber.)

Wook Yeon Hwang, Statistics
Dissertation: Boosting Methods for Variable Selection in High Dimensional Sparse Models. (Under the direction of Subhashis Ghoshal.)

Sarah Elizabeth Ives, Mathematics Education
Dissertation: Learning to Teach Probability: Relationships among Preservice Teachers' Beliefs and Orientations, Content Knowledge, and Pedagogical Content Knowledge of Probability. (Under the direction of Hollylynne Lee.)

Kathleen Marie Iwancio, Mathematics
Dissertation: Use of Integral Signature and Hausdorff Distance in Planar Curve Matching. (Under the direction of Irina Kogan.)

Liwen Ji, Fiber and Polymer Science
Dissertation: Lithium Alloy-Carbon Composite Nanofibers for Energy Storage by Electrospinning and Carbonization. (Under the direction of Xiangwu Zhang and Peter Fedkiw.)

Carrie Aliceanna Jones, Science Education
Dissertation: Science and Block Scheduling: An Analysis of Teacher Experiences in Wake County, North Carolina. (Under the direction of John Park.)

Jeesung Jung, Electrical Engineering
Dissertation: Integrated Single Pole Double Throw (SPDT) Vertical Power MOSFETs for High Current and Fast Frequency Monolithic Synchronous Converters. (Under the direction of Alex Huang.)

Matthew Ryan Keogh, Plant Biology
Dissertation: New Insights into Phospholipid Metabolism and Signaling In Plants. (Under the direction of Wendy Boss and Ralph Dewey.)

Mun Jung Kim, Textile Technology Management
Dissertation: Industry Technology Roadmap for the Flushable Pre-moistened Nonwoven Wipes Industry. (Under the direction of Helmut Hergeth and Nancy Cassill.)

Taemin Kim, Computer Engineering
Dissertation: Exploration of High-level Synthesis Techniques to Improve Computational Intensive VLSI Designs. (Under the direction of Xun Liu.)

Mark T. Knauer, Animal Science & Poultry Science
Dissertation: Genetics of Gilt Estrous Behavior. (Under the direction of Miles See and Joseph Cassady.)

Elizabeth Catherine Krachey, Statistics
Dissertation: Variations on the Accelerated Failure Time Model: Mixture Distributions, Cure Rates, and Different Censoring Scenarios. (Under the direction of Sujit Ghosh and Wenbin Lu.)

Matthew James Krachey, Biomathematics and Zoology
Dissertation: Hierarchical Bayesian Application to Instantaneous Rates Tag-return Models. (Under the direction of Joseph Hightower and Kenneth Pollock.)

Audrey C. Kreske, Food Science
Dissertation: Effects of Organic Acids and Atmosphere on the Survival of *Escherichia coli* O157:H7 Under Conditions Similar to Acidified Foods. (Under the direction of Frederick Breidt.)

Gautham Krishnamurthy, Electrical Engineering
Dissertation: Multifunction Periodic Switching Front-End Circuits for Multi-Antenna Integrated Wireless Receivers. (Under the direction of Kevin Gard.)

Christina Marie Kroustalis, Psychology
Dissertation: Internet Recruitment: Examining the Roles of Information, Attitudes, and Perceived Fit on Applicant Attraction. (Under the direction of Adam Meade.)

Prabhat Kumar, Food Science
Dissertation: Development of Bio-nanocomposite Films with Enhanced Mechanical and Barrier Properties Using Extrusion Processing. (Under the direction of K Sandeep and Van Truong.)

Liping Li, Electrical Engineering
Dissertation: Near-Far Resistant Ultra-Wideband Communications in Multiple-Access Environments. (Under the direction of J Townsend.)

Pingke Li, Industrial Engineering
Dissertation: Fuzzy Relational Equations: Resolution and Optimization. (Under the direction of Shu Fang.)

Min Yeol Lim, Computer Science
Dissertation: Improving Power and Performance Efficiency in Parallel and Distributed Computing Systems. (Under the direction of Vincent Freeh.)

Yu Liu, Electrical Engineering
Dissertation: Advanced Modulation, Control and Application for Multilevel Inverters. (Under the direction of Alex Huang.)

Zifei Liu, Biological and Agricultural Engineering
Dissertation: Measurement and Modeling Ammonia Emissions from Broiler Litter. (Under the direction of David Beasley and Lingjuan Wang.)

Sarah H. MacKenzie, Biochemistry
Dissertation: The Importance of the Dimer Interface in the Folding and Assembly of Procaspase-3. (Under the direction of Allan Clark.)

Avanika Mahajan, Animal Science & Poultry Science
Dissertation: Role of Mineral Nutrition in Neonatal Bone Health: Effects on Porcine Mesenchymal Stem Cells. (Under the direction of Chad Stahl.)

Tushar Ramkrishna Mahale, Industrial Engineering
Dissertation: Electron Beam Melting of Advanced Materials and Structures. (Under the direction of Ola Lars Harrysson and Denis Cormier.)

Kelly M. Mahoney, Marine, Earth, and Atmospheric Sciences
Dissertation: Momentum Transport in Mesoscale Convective Systems. (Under the direction of Gary Lackmann.)

Nicholas David Manzo, Comparative Biomedical Sciences
Dissertation: Effects of Diesel Exhaust Particle Exposure on Inflamed Murine Lung Epithelial Cells. (Under the direction of Mac Law and Janice Dye.)

Lindsay Bard Hilbert May, Applied Mathematics
Dissertation: Shear-Driven Particle Size Segregation: Models, Analysis, Numerical Solutions, and Experiments. (Under the direction of Michael Shearer and Karen Daniels.)

Gregory James Mazzaro, Electrical Engineering
Dissertation: Time Frequency Effects in Wireless Communication Systems. (Under the direction of Michael Steer.)

Seth Dylan McCullen, Biomedical Engineering (Joint Degree with UNC-Chapel Hill)
Dissertation: Assessment of Nanofibrous Scaffold Chemistry, Design, and Use of Extracellular Stimuli for Bone Tissue Engineering. (Under the direction of Elizabeth Loboa and Laura Clarke.)

William Chadwick Menefee, Parks, Recreation, and Tourism Management
Dissertation: Globalization in Professional Sport: A Comparison of Chinese and American Basketball Spectators. (Under the direction of Jonathan Casper and Judy Peel.)

Huiping Miao, Statistics
Dissertation: Model Selection and Estimation in Additive Regression Models. (Under the direction of Daowen Zhang.)

Sarah Rochelle Mikkelsen, Immunology
Dissertation: The Role of Regulatory T Cells during Feline Immunodeficiency Virus Pathogenesis. (Under the direction of Gregg Dean.)

Brendan Paul Miller, Physics
Dissertation: Diffusion of Physisorbed Layers and their Connection to MEMS Effectiveness. (Under the direction of Jacqueline Krim.)

Willyetta Adele Mitchell, Science Education
Dissertation: Physics Instructors Are Not Blank Slates Either: An Exploratory Study of Introductory Physics Instruction. (Under the direction of Leonard Annetta and John Penick.)

Ramon Molina Bravo, Horticultural Science
Dissertation: Genetic and Quantitative Analysis of Red Raspberry (*Rubus idaeus*) for Heat Tolerance and Longer Chilling Requirement. (Under the direction of Bryon Sosinski and Gina Fernandez.)

Nancy Jennings Moore, Mechanical Engineering
Dissertation: Effects of Leading-Edge Flame Behavior on Flame Stabilization and Blowout. (Under the direction of Kevin Lyons.)

Oleksandr Victorovich Movchan, Economics
Dissertation: Measuring Nonstationary Cycles: A Time-Deformation Approach. (Under the direction of Atsushi Inoue and Denis Pelletier.)

Elizabeth A. Newcomb, Textile Technology Management
Dissertation: Apparel Product Development Considerations for US Hispanic Women: A Study of Evaluative Criteria and Fit Preferences of 18-25 Year-old Females. (Under the direction of Cynthia Istook.)

Chul Woo Oh, Electrical Engineering
Dissertation: Broadband Polarization Gratings for Efficient Liquid Crystal Display, Beam Steering, Spectropolarimetry, and Fresnel Zone Plate. (Under the direction of Michael Escuti.)

Yong Kook Park, Materials Science and Engineering
Dissertation: Electrical Properties of Grain Boundaries and Dislocations in Crystalline Silicon: Influence of Impurity Incorporation and Hydrogenation. (Under the direction of George Rozgonyi.)

Vincent Robert Parman, Entomology
Dissertation: Subterranean Termite Population Distribution and Structure in Urban Settings: Effect of Liquid Termiticides on Termine Populations. (Under the direction of Ed Vargo.)

Jennifer L. Petzold, Plant Biology
Dissertation: Interactions Between a Specialist and Generalist Moth and Their Host Plants. (Under the direction of Wendy Boss and Fred Gould.)

Erika Ann Pfeiler, Functional Genomics
Dissertation: The Genomic Basis of Bile Tolerance in *Lactobacillus acidophilus*. (Under the direction of Todd Klaenhammer.)

Terry Wayne Pfeiler, Biomedical Engineering (Joint Degree with UNC-Chapel Hill)
Dissertation: Computational and Experimental Analyses of Bone and Adult Stem Cell Mechanobiology. (Under the direction of Elizabeth Loboa.)

George Thomas Place II, Crop Science
Dissertation: Applying Crop and Weed Competitive Dynamics For Weed Management in Soybean and Peanut. (Under the direction of Samuel Reberg-Horton and Thomas Carter.)

Celia Steward Ponder, Chemical Engineering
Dissertation: Life Cycle Inventory Analysis of Medical Textiles and Their Role in Prevention of Nosocomial Infections. (Under the direction of Christine Grant.)

Rakesh Ranjan, Toxicology
Dissertation: Role and Regulation of CIEBPα in Response to DNA Damage. (Under the direction of Robert Smart.)

Deyao Ren, Industrial Engineering
Dissertation: Laser Micromachining and Its Applications in Manufacturing of Micro Medical Devices. (Under the direction of Yuan Shin Lee and Roger Narayan.)

Wesley Dowless Rich, Educational Research and Policy Analysis
Dissertation: Reducing Institutional Barriers to Minority Student Success at a Predominantly White University: A Qualitative Action Research Study. (Under the direction of Paul Bitting and Kevin Brady.)

Brantlee Spakes Richter, Plant Pathology
Dissertation: Cultural and Biological Control Methods for Phytophthora root rot in Fraser fir. (Under the direction of David Benson and Kelly Ivors.)

Brian M. Rogers, Computer Engineering
Dissertation: Low-Overhead Designs for Secure Uniprocessor and Multiprocessor Architectures. (Under the direction of Yan Solihin.)

Elizabeth Ellen Rueschhoff, Plant Biology
Dissertation: Vitamin B_6 Metabolism in *Arabidopsis thaliana*. (Under the direction of Margaret Daub.)

Kyuyong Shin, Computer Science
Dissertation: Preventing Misbehavior in Cooperative Distributed Systems. (Under the direction of Douglas Reeves.)

Angela Carmella Smith, Counselor Education
Dissertation: Exploring Career Options and Possibilities Later in Life: Adult (50-75) Career Development Survey. (Under the direction of Siu-Man Ting.)

Porche LaPhyl Spence, Soil Science
Dissertation: Effects of Lawn Maintenance on Nutrient Losses via Overland Flow and the Comparison of Nitrous Oxide Flux from Three Residential Landscapes A Case Study. (Under the direction of Deanna Osmond and Wayne Robarge.)

Lawrence A. Strickland, Chemical Engineering
Dissertation: Computer Simulation of the Formation of Mechanically-Assembled Monolayers and Heteropolymers with Adjustable Monomer Sequences. (Under the direction of Carol Hall and Jan Genzer.)

Mary Koenig Styers, Psychology
Dissertation: Protecting my Self through Language: Developmental Differences in Narrative Accounts following a Self-threatening Experience. (Under the direction of Lynne Baker-Ward.)

Sercan Teleke, Electrical Engineering
Dissertation: Control Methods for Energy Storage for Dispatching Intermittent Renewable Energy Sources. (Under the direction of Mesut Baran.)

Catherine E. Thompson, Marine, Earth, and Atmospheric Sciences
Dissertation: Tracking Organic Matter from Source to Sink in the Waiapu River Watershed, New Zealand: A Geochemical Perspective. (Under the direction of Elana Leithold and Neal Blair.)

Rahul Vallabh, Fiber and Polymer Science
Dissertation: Modeling Tortuosity in Fibrous Porous Media using Computational Fluid Dynamics. (Under the direction of Pamela Banks-Lee and Abdel-fattah Seyam.)

Ian Patrick Wellenius, Electrical Engineering
Dissertation: Rare-Earth Doped Wide Bandgap Oxide Semiconductor Materials and Devices. (Under the direction of John Muth.)

Brooke Meredith Whitney, Food Science
Dissertation: Investigating the Ecology of Naturally-Occurring Pathogenic *Vibrio* Species in Gulf Coast Oysters Through the use of Molecular Sub-Typing Techniques. (Under the direction of Lee-Ann Jaykus.)

Robert J. Wilcox, Chemistry
Dissertation: Sorption to Dissolution: The Reactivity of Small Molecules with Condensed Phase Metal Halide Networks. (Under the direction of James Martin.)

James K. Wilkins, Civil Engineering
Dissertation: The Influence of Classical and Non Classical Friction on Sliding. (Under the direction of Vernon Matzen and Abhinav Gupta.)

Lloyd Carter Williams, Computer Science
Dissertation: Dynamic Ontology Driven Control and Learning of Robotic Tool Using Behavior. (Under the direction of Robert St. Amant.)

Heather Lynn Wilson, Applied Mathematics
Dissertation: Model Development for Nanotube-Infused Polyimides. (Under the direction of Ralph Smith.)

Peter Holt Wilson II, Mathematics Education
Dissertation: Teachers' Uses of a Learning Trajectory for Equipartitioning. (Under the direction of Jere Confrey.)

Hyung Suk Won, Computer Science
Dissertation: Multicast in Wireless Networks. (Under the direction of Injong Rhee.)

Dong Wu, Physics
Dissertation: Nanoscale Studies of Switching Behavior of Ferroelectric Thin Films by Using Piezoresponse Force Microscopy. (Under the direction of John Rowe and Alexei Grouverman.)

Changhai Xu, Fiber and Polymer Science
Dissertation: The Chemistry and Perception of Fluorescent White Textile Materials. (Under the direction of David Hinks and Renzo Shamey.)

Jiele Xu, Biological and Agricultural Engineering
Dissertation: Alkaline Pretreatment of Switchgrass for Ethanol Production. (Under the direction of Jay Cheng.)

Jibing Yang, Immunology
Dissertation: Immune-related Lectin Like Receptors in Zebrafish Innate Immunity. (Under the direction of Jeffrey Yoder and Susan Tonkonogy.)

Nazire Deniz Yilmaz, Textile Technology Management
Dissertation: Acoustic Properties of Biodegradable Nonwovens. (Under the direction of Nancy Powell and Pamela Banks-Lee.)

Guanghua Zhang, Civil Engineering
Dissertation: Performance Analysis and Strategic Management of Longitudinal Pavement Markings. (Under the direction of Joseph Hummer and William Rasdorf.)

Yi Zhang, Genetics
Dissertation: A Genetic Screen to Identify Genes Required for *Drosophila* Midline Development. (Under the direction of Patricia Estes and James Mahaffey.)

Zhe Zhang, Computer Science and Operations Research
Dissertation: Adding Coordination to the Management of High-End Storage Systems. (Under the direction of William Stewart and Xiaosong Ma.)

Fei Zheng, Mechanical Engineering
Dissertation: Computational Investigation of High Speed Pulsejets. (Under the direction of Andrey Kuznetsov and William Roberts.)

HONORS

Caldwell Fellows Scholars

Joseph Lincoln Barton
Lauren E. Deans
Jessica Marie Evans
Matthew Thomas Holt
Andrew R. Johnson
Nicholas Adam Schultz
Amy Leigh Williams

Park Scholars

David Joseph Bleaking
Casey Morgan Coats
Kelly Elise Odom
Crystal Ann Roberts

University Honors

Rachael Porter Barker
David Bryce Brown
Michael X. Collins
Daniel Thomas Duncan
Catherine Frances Frock
Andrew R. Johnson
Jessica Nomina
Justine Nomina
Meredith Allana Parr
Scott R. Pecnik
Kevin Mackie Rawls
Justin William Smith
Johanna Marlies Schafer
Elizabeth Anne Whalen

University Scholars Program

Yashvardhan Bhartiya
Caryn Melissa Biglow
Lindsey Page Brantley
Derek J. Brown
Amanda Blair Burleson
Whitney P. Chrisco
Rachel Della Cooper
Christopher James Cox
Brooke Lea Daniel
Amanda Leighanne Davis
Lauren E. Deans
Anushri Vijay Desai
Kelly Jean Dew
Susan Ennis Dunn
William Joshua Fisher
Lyrechel Namhyr Galarza
Carolina Gallo
Lianne Marie Gonsalves
Christopher Ross Gray
Lauren Elizabeth Hahn
Lauren Hansen Hysong
Allisyn Lindsey Kennedy
Kaitlyn Ashley Kennedy
Nicole Christine Kitner
John R. Krier
Kellye M. Kwiatkowski
Andrew William Lyda
Nathaniel Scott Machardy
Rachel J. Mangum
Anna Hill Martin
Anna Blair Mayo
LaStella Miles
Nyira Lucy Muhirwa
Michael Joseph Murray
Xiao Juan Ni
Henryk E. Orlik
Ashleigh Barbara Pappadake
Mark Taylor Preston, Jr.
Daniel Miles Ranck
Eleanor Marcotte Redhage
Jezzette Danielle Rivera
Justin Isaac Rogers
Jannov Rusli
Caroline Ann Schroeder
Nicholas Adam Schultz
William S. Sills
Mandesa Malika Smith
Selina Jayne Smith
Ashley Nicole Solomon
Anish Sukumaran
Ashley Elizabeth Talley
Briana Brooke Taylor
Tatiana Diazono Thema
Morgan Lyndsey Thomas
Alexandra Dawn Troxler
Juliya Ramnikbhai Vaghani
Leslie G. Watkins
Deborah Christine White
Grace E. White
Greyson E. Williams
Mary M. Wilson
Lindsey Wright
Philip Daniel Wright

Valedictorians *

Paul Ryan Barrett
Gina F. Beck
Samuel David Berger
Joshua Andrew Bruner
Gregory Raymond Cols
Christopher James Cox
Aurash Ehsaei
Kristen L. Gore
Andrew M. Gossett
Bao Z. Huang
Ethan L. Margolis
Philip Ansel McClellan II
David Michael McNally
Christopher Dean Moore
Henryk E. Orlik
Daniel Miles Ranck
Adam Wade Robinson
Ashwin Rajan Sakhare
Alexandra Dawn Troxler
Anne Chapman Walker
Andrew Wilson White

*Graduating students with at least 100 hours at NC State and a perfect 4.0 grade point average.

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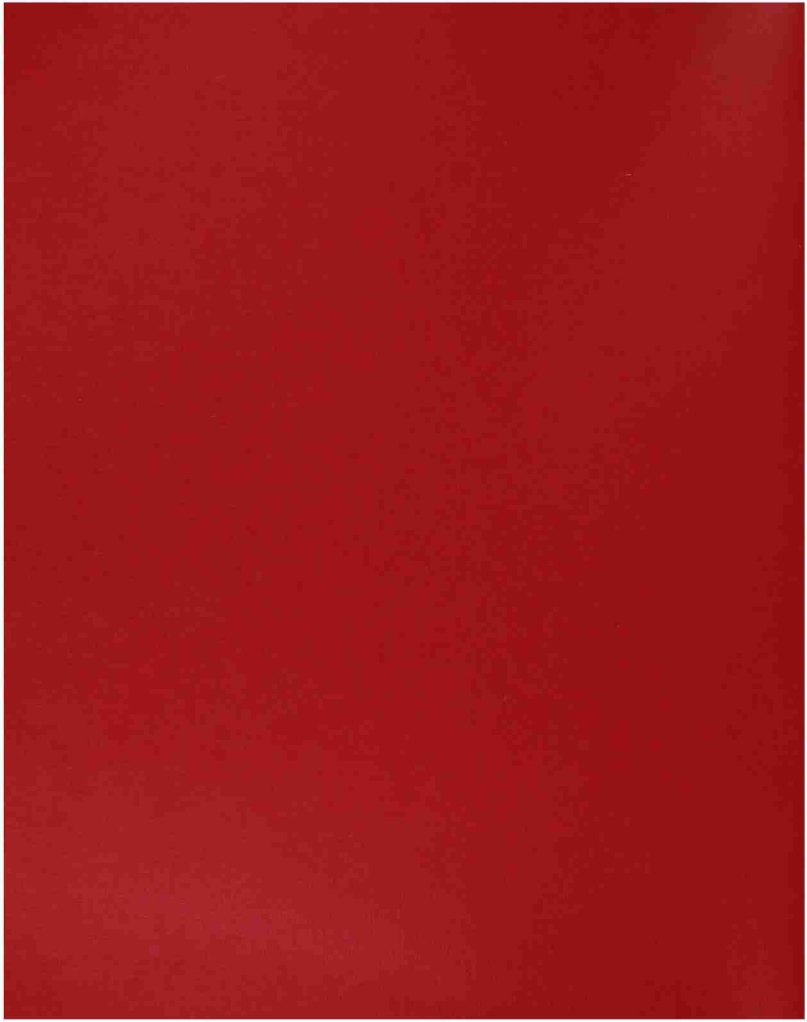
Notes