



# COMMENCEMENT

FRIDAY, DECEMBER 9, 2022



*North Carolina Agricultural and Technical State University*



**NORTH CAROLINA  
AGRICULTURAL AND TECHNICAL  
STATE UNIVERSITY**

[www.ncat.edu](http://www.ncat.edu)

A LAND-GRANT UNIVERSITY and A CONSTITUENT INSTITUTION of THE UNIVERSITY of NORTH CAROLINA

December 9, 2022

Dear Class of 2022:

On behalf of the North Carolina Agricultural and Technical State University Board of Trustees, faculty, staff and students, congratulations on your graduation from our beloved institution. We are proud of you for reaching this significant milestone and applaud your academic achievements and success.

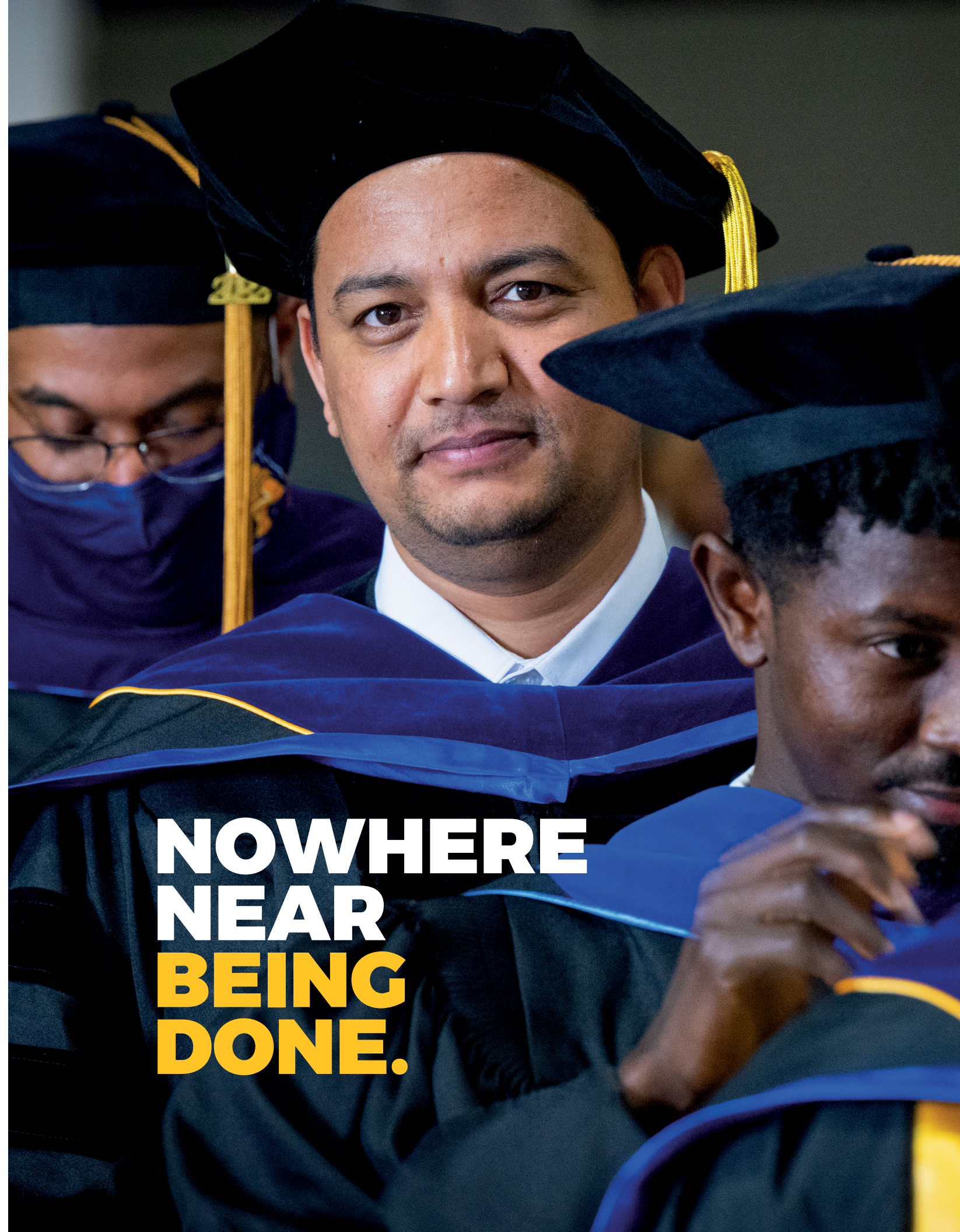
As chancellor and a proud alumnus of North Carolina A&T, it gives me great pleasure to commemorate this occasion with you. As you reflect on the experiences and accomplishments that have marked your A&T career, never forget the rich history and traditions of this wonderful university and the support of the faculty, family and friends who have been a source of inspiration to you during this chapter of your personal journey.

Your advanced degree represents countless hours of study and a strong commitment to your passion. This accomplishment should fill you with not only immense pride, but also a deep sense of responsibility. This achievement is the beginning of a new chapter in your life. I challenge you to seize the opportunities that lie ahead and commit to make an impact on the world. Today, you join a powerful global community of Aggies that share a common vision to Lead, Create, Discover, Inspire, Dream and Love ... because that's what Aggies DO!

We wish you all the best in the days and years ahead as you boldly move forward to improve the world around you and embark on a lifetime of learning and achievement. Remember that greatness should not be measured only by your personal success, but by the lives you enrich along the way.

Sincerely,

Harold L. Martin, Sr.  
Chancellor



**NOWHERE  
NEAR  
BEING  
DONE.**

## PROGRAM

**PRESIDING:** Harold L. Martin Sr., *Chancellor*

PROCESSIONAL .....	<b>“Pomp and Circumstance”</b> Sir Edward Elgar
GREETINGS FROM THE UNIVERSITY .....	Chancellor Martin
GREETINGS FROM THE GRADUATE STUDENT ADVISORY COUNCIL .....	Md Ashik Ahmed <i>President</i>
INTRODUCTION OF SPEAKER .....	Chancellor Martin
COMMENCEMENT ADDRESS .....	Woodrow Winchester III <i>Executive Director, The University of Texas at Austin Texas Engineering Executive Education</i>
PRESENTATION OF CANDIDATES FOR DEGREES .....	Tonya Smith-Jackson <i>Provost and Executive Vice Chancellor for Academic Affairs</i>
GRADUATE DEGREES .....	Dean Gloster
CLOSING REMARKS .....	Chancellor Martin
RECESSIONAL .....	<b>“Crown Imperial Coronation March”</b> William Walton

## SPEAKER



### WOODROW WINCHESTER III

*Executive Director, The University of Texas at Austin Engineering Executive Education*

Woodrow W. Winchester III, Ph.D., CPEM serves as executive director of The University of Texas at Austin Engineering Executive Education (TxEEE). In this role, Winchester also oversees the management of the Petroleum Extension (PETEX) and the Health and Safety Training Center (HSTC) of the Cockrell School of Engineering. Most recently, Winchester was director of professional engineering programs at the University of Maryland, Baltimore County (UMBC). He is a Certified Professional Engineering Management Professional (CPEM) with more than 10 years of technical program and project management experiences.

Winchester also serves as inaugural director of diversity, equity and inclusion (DE/I) for the American Society for Engineering Management (ASEM) and previously served as ASEM’s director of professional development and continuing education. Winchester is a member of the second cohort of the National Science Foundation-sponsored IAspire Leadership Academy.

An advocate for more equitable and inclusive approaches to technological innovation and management, Winchester has published works in influential publications such as the International Council on Systems Engineering (INCOSE) INSIGHT magazine, Association for Computing Machinery (ACM) Interactions magazine, Fast Company magazine and The Conversation media network. He received his B.S. and M.S. in industrial engineering and Ph.D. in industrial and systems engineering from North Carolina Agricultural and Technical State University. Distinguished University Professor Celestine Ntuen, Ph.D., was his doctoral advisor. Winchester also holds a professional certificate in Foresight from the College of Technology, University of Houston.

## HISTORY

### NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY

Established in 1891, under the Second Morrill Act of 1890, North Carolina Agricultural and Technical State University is a land-grant, doctoral research university. The Second Morrill Act expanded the nation's system of land-grant universities to include a historically black institution in those states where segregation denied minorities access to the land-grant institutions established by the First Morrill Act (1862).

Throughout its 131-year history, N.C. A&T has maintained a rich tradition in academics, research and outreach. Today, the university is committed to fulfilling its fundamental purposes through exemplary undergraduate and graduate instruction, scholarly and creative research, and effective public service and engagement. A&T is accredited by the Southern Association of Colleges and Schools Commission on Colleges. The current vision is to be recognized as a preeminent land-grant university and the institution of choice for high-achieving students.

With an enrollment of more than 13,485 students, N.C. A&T is the nation's largest historically Black college or university (HBCU). A&T awards baccalaureate, master's and doctoral degrees through the College of Agriculture and Environmental Sciences; College of Arts, Humanities and Social Sciences; Willie A. Deese College of Business and Economics; College of Education; College of Engineering; John R. and Kathy R. Hairston College of Health and Human Sciences; College of Science and Technology; The Graduate College; and the Joint School of Nanoscience and Nanoengineering. The curriculum has been adapted to strengthen science, technology, engineering and mathematics (STEM)—its academic core and foundation—and other disciplines. The university also has moved rapidly to blend its academic and research programs with the needs of society and industry, forming a symbiotic relationship.

A&T has advanced to the forefront in the area of research and is one of the top ranking institutions in the University of North Carolina System for sponsored research funding. The strength and potential of the research enterprise at A&T is demonstrated by the university's ability to sustain major programs in nanotechnology, biotechnology, computational science and engineering, energy and environment, information sciences and technology, leadership and community development, logistics and transportation systems, and public health.

Upon graduating, students join the university's nearly 70,000 alumni of record who hold (or have held) positions of leadership in industries and communities around the world. Some of A&T's nationally acclaimed alumni include Henry E. Frye '53, former N.C. Supreme Court Chief Justice; Edolphus Towns Jr. '56, retired U.S. Congressman; Clara Adams-Ender '61, author and retired Army brigadier general; Alvin A. "Al" Attles Jr. '60, former NBA player, coach and general manager; Elvin Bethea '68, NFL Hall of Famer; Ezell Blair Jr./Jibreel Khazan '63, the late Franklin E. McCain Sr. '63, Joseph A. McNeil '63 and the late David Richmond '10 (degree awarded posthumously), members of the A&T Four/Greensboro Four; Joe L. Dudley Sr. '62, Dudley Products founder; Rev. Jesse L. Jackson Sr. '63, civil rights activist and former presidential candidate; Alma S. Adams '68, U.S. Congresswoman; Dr. Ronald E. McNair '71, NASA astronaut; and Michael S. Regan '98, U.S. EPA Administrator.

Twelve presidents/chancellors have served the institution since its founding: Dr. John O. Crosby (1892-1896), Dr. James B. Dudley (1896-1925), Dr. Ferdinand D. Bluford (1925-1955), Dr. Warmoth T. Gibbs (1956-1960), Dr. Samuel DeWitt Proctor (1960-1964), Dr. Lewis C. Dowdy (1964-1980), Dr. Cleon Thompson Jr. (interim, 1980-1981), Dr. Edward B. Fort (1981-1999), Dr. James C. Renick (1999-2006), Dr. Lloyd V. Hackley (interim, 2006-2007), Dr. Stanley Battle (2007-2009) and Dr. Harold L. Martin Sr. (2009-present).

## COSTUME

### THE ACADEMIC COSTUME

The academic costume worn today derived from practices originating in the Middle Ages. When European universities were taking form in the 12th and 13th centuries, the scholars were usually clerics as well, and consequently they adopted costumes similar to those of their monastic orders. Cold halls and drafty buildings made caps and floor length gowns with attached hoods a necessity for warmth. Probably because of the costumes' religious heritage, they remained largely drab until the universities gradually began to pass from the control of the church, whereupon some aspects of the costumes took on brighter hues. Old prints reveal a strong similarity between the regalia worn in early universities and the academic costume worn today.

In light of the nation's strong English heritage, academic costume has been in use in the United States since colonial times. To establish a standard of uniformity with regard to the practice, an intercollegiate commission was formed which prepared a code for caps, gowns, and hoods which has been adopted by all universities. Originally round, the shape of the cap is now the more familiar mortarboard square—a shape that resembles a scholar's book. Legend has it that the privilege of wearing a cap was the initial right of a freed Roman slave. The flowing gown has become symbolic of the democracy of scholarship for it covers any dress, which might indicate rank or social strata. The hood not only indicates the type of degree, but also is lined with the official colors of the university from which the degree was obtained.

### THE GOWN

BACHELOR – Blue, full cut with long pointed sleeves.  
MASTER – Black, long or short sleeves with arc-shaped panel extended for each sleeve.  
DOCTOR – Black, with velvet panels on front of gown and three velvet bars on each sleeve. Color of the velvet may be black or distinctive of the field of study.

### THE HOOD

BACHELOR – Three feet in length with a two-inch wide velvet.  
MASTER – Three and one-half feet in length with a three-inch wide velvet.  
DOCTOR – Four feet in length with a five-inch wide velvet and panel at the sides. The lining of the hoods, which is folded out, bears the official colors of the institution from which the degree was received. The color of the velvet is PhD Blue.

Candidates for doctoral degrees at North Carolina Agricultural and Technical State University wear gowns fastened at the neck and hoods draped down the back and the black mortarboard with a gold tassel.

### UNITED STATES ARMED FORCES VETERANS

These graduates are wearing white stoles.

## ■ THE MACE

The mace, a ceremonial insignia, dates back to ancient Rome to honor heroes and nobility. Maces were later used in the courts of England, during the reign of James I of England as symbols of authority. Today, maces are associated with academic and governmental processions. In academic use, it is the symbol of the college/university as a body of scholars within its own legally constituted authority. The chief faculty marshal carries the mace during all formal academic processions.

A gift from the graduating class of 1961, the mace of North Carolina Agricultural and Technical State University was presented October 24, 1991, during the centennial year celebration. The university's 42-inch long mace reveals a two-faced sterling silver crowning head or boss with the seals of North Carolina Agricultural and Technical State University and the University of North Carolina on either side. Both university seals rest on a sterling silver etched State of North Carolina seal.

Alternating ebony and ivory solid wood rings that symbolize the university's African American heritage are located on the mahogany wood shaft. The history and mission of the college/university throughout its 100 plus years of existence are etched on the wooden shaft of the mace between the rings. They represent service to African Americans, the missions of the university's schools and colleges; scholars; the Greensboro Four sit-in; the Aggie mascot, and sports. The base or terminus (end piece) is a silver-plated cup engraved with a figure of a runner which symbolizes the athletic legacy and forward moving strides of the university.

North Carolina Agricultural and Technical State University's mace is a result of planning, research and fund raising by the class of 1961. The special designs of the mace represent the joint efforts of the Mace Committee who contacted Emblem & Badge Inc., in Providence, Rhode Island, to craft the mace. Dr. Vallie Guthrie, chair; Dr. Dorothy Alston; Dr. Sullivan Welborne; Dr. William C. Parker; Dr. Basil Coley; Dorothy J. Richmond; Lewis Brandon III; Earnest Sherrod, and members of the class of 1961; and the Class Coordinating Committee were instrumental in the procurement and final version of the mace, which was presented during the October 24, 1991, Founder's Day Convocation. The mace was carried by the Chief Faculty Marshal (chair or president of the Faculty Senate) at the May 5, 1991, commencement and is utilized at all formal ceremonial occasions for the university.

# MASTER'S AND DOCTORAL CANDIDATES

**PLEASE NOTE:** The listing of names of degree candidates in the commencement program is not to be considered official evidence that all degree requirements have been satisfied.



## COLLEGE OF AGRICULTURE AND ENVIRONMENTAL SCIENCES

### MASTER OF SCIENCE IN AGRICULTURAL EDUCATION

James Scott Bass  
Tramell Jarnell Forney  
Ladale Edward Hayes  
Anna Caroline Matthews  
Brian Lee Underwood  
Madeline Leigh Wilhelm

### MASTER OF SCIENCE IN AGRICULTURE AND ENVIRONMENTAL SYSTEMS

Oghenetejiri Ebakivie  
Franklin Chikezie Ezeanowai  
SreeNavya Inupala  
Sowmya Jagana  
Patricia Christine Morris  
Alice Mukunzi  
Oluteru Emmanuel Orimaye  
Taylor Blair Pittman  
Yasmine A Shaw  
Roger Vondi Vorsah  
Jonae R E Wood

### MASTER OF SCIENCE IN FOOD AND NUTRITIONAL SCIENCES

Asia Edwards  
Augustina Oyeronke Odediran



## COLLEGE OF ARTS, HUMANITIES AND SOCIAL SCIENCES

### MASTER OF SCIENCE IN ENGLISH AND AFRICAN AMERICAN LITERATURE

Javon Deandre Bolden  
Sierra Ann Boyd  
Cheyanne Headen  
Johnnerlyn Este' Moore Johnson  
Doreen K Opinya  
Kimberly Ann Shoulars  
Amber Monét White



## WILLIE A. DEESE COLLEGE OF BUSINESS AND ECONOMICS

### MASTER OF ACCOUNTANCY

Shania Tyneisha Duncombe  
Jazzmaine Hammond  
Kingsley Onyekachukwu Ifedi  
Tanae Alexia Newry  
Anaysia Marie Payton  
Briana Dayon Person  
Zorlynn Mikeal Taylor-Robinson  
Mercy Chepkoech Towett

### MASTER OF BUSINESS ADMINISTRATION

Sanders G Barnes  
Ronnie Antrone Blakeney Jr.  
Heidi Lynn Brown  
Johnnie Lee Brunson Jr.  
Lasaro Michael Cruz  
Larry Miles Alexander Davis  
Tanicea Dariona Dennis  
Noble Kwame Dovia  
Copenhagen Alexander Elliott  
Raven Nichole Evans  
Brittany L Foxx  
Maggie Catherine Buie Foxx  
Angelica Marie Gilliam  
Alex M Hopkins  
Daniel Cosimo Houle  
Tasha Davis Howland  
Valeria Chikaodile Oha  
Patricia Kitamba Omba  
Demario Perry  
Ameer Robertson  
Ryenne Dardanella Scott  
Leane Marie Suominen  
Penny Vizenor  
Shawntel Patrice Wiley



## COLLEGE OF EDUCATION

### MASTER OF ARTS IN TEACHING

Tarrish Lamar Alexander  
Lisa Ann Allen  
Tia Joy Allen  
Aleah Taylor Archibald  
Latonya Denise Barnes  
Nicole Baucom  
Alisha D Blakely  
Courtney Janiece Blue

Jonathan Foster Bowser  
Calvin Jabar Bozeman  
Ehren Padbury Gefen Caudill  
Grashia Arnia Connelly  
Tiarrah S Costin  
Logan Christopher Craig  
Chelsea Lashea Daniels-McGirt  
Kelshonda L Davis  
Carine Pascale Derisse  
Knitalya Amber Dillard  
Darian Lamar Fogg  
Akeala Gwen Goins  
Stephanie Renea Goulding  
Annalisa Marie Turner Grate  
Brandon H Greeson  
Adrian Jamal Grimes  
Angela Elaine Hairston  
Lukisha Lee Harmon  
Ashley Marie Harrell  
JaFinis Huggins  
Alexandra Janelle Johnson  
Lakeitha Shakoya Johnson  
Jessica Lois Kellam  
Leatrecia R Kinsey  
Christy Lynne McDougald  
Ayana Shanti King  
Katheryne Marie Perkins  
Paris A Pratt  
Lanequa Deona Robinson  
Jeff S. Rodgers  
Donna Evette Scott  
Natayjia Marie Denise Simms-Evans  
Amina Sharifah Smith  
Christy Case Stream  
Janae Courtney Taylor  
William Westley Torrey  
India Ashle'Ile Trice  
Angelica Esabel Villalta  
Tiffany Ze'Andra Nicole Wall

### MASTER OF SCIENCE IN ADULT EDUCATION

Kiana Camille Adderton  
Genevieve Barnes  
Latonya Chalayne Worley  
LaTore Womack Foster  
Lyndsey Michelle Norton Johnson  
Elizabeth Christine Lee  
Brendan Tyler Maye  
Tristin Jordan Rainey  
Chelsea S Warren

### MASTER OF SCIENCE IN MENTAL HEALTH COUNSELING

Zamir Andre Andrews  
Imogene Cynthia Baldwin  
Imani Zoriah Brown

Tiarah Nicole Bruno  
India Daniels  
Jacobia Korreen Evans  
Kyra Dechelle Freeman  
Kelly J Gannaway  
Biajah James  
Ashley White Martin  
Lucia Areli Martinez  
Aletta Michelle Smith  
Cherese Smith Blue  
Asia Tenille Stevenson  
Alyssa P Thompson  
Athanette Mari Tucker  
Ana Lilia Valenzo  
Audrey Marie Williams  
Jada Victoria Williams

### MASTER OF SCIENCE IN SCHOOL ADMINISTRATION

Amber Emmilee Trunice Andrews

### MASTER OF SCIENCE IN SCHOOL COUNSELING

Chenay Adrenna Kelly  
Denesha Mae Moore

### DOCTOR OF PHILOSOPHY IN LEADERSHIP STUDIES

Joyce Wallace Fultz  
*The Challenges of Cross-sector Collaboration Management: A Qualitative Study*

Marcus DeNareo Gilmore  
*Representation Matters: Contemporary Perspectives of Black Marine Corps Warrant Officers*

Durell Kenyatta Hurst  
*An Exploration of the Lived Experiences of Black Administrators in Student Affairs at Predominately White Institutions: A Phenomenological Study*

Valerie Morgan Iseah  
*Sustainability Experiences and Perspectives of Non-profit Executive Leaders: A Focus on Human Service Non-profit Organizations*

Ashton Dominic Murray  
*"Tired of Crumbs": Underrepresented Minority Doctoral Biomedical Students' Perceptions of How Culture and Climate Influence Their Professional Aspirations*

Stacey Danette Sowell  
*The Helpmate and the Head: Gender, Mentoring and HBCU Women Leaders*

### DOCTOR OF PHILOSOPHY IN REHABILITATION COUNSELING AND REHABILITATION COUNSELOR EDUCATION

Olivia D Easley  
*A Black Feminist Disability: The Lived Experiences of Black Women with Polycystic Ovarian Syndrome (PCOS)*

Amanda Melinda McLeroy  
*Race-based Stress and the Exposure to Police Brutality on Social Media among Black College Freshmen: The Protective Role of Racial Socialization and Racial Identity*



## COLLEGE OF ENGINEERING

### MASTER OF SCIENCE IN BIOENGINEERING

Simrit Safarulla Musallyarakath Arakkal  
Sherri Johnson Pilson  
Malia Janae White  
Jada La'Trice Williams

### MASTER OF SCIENCE IN CHEMICAL ENGINEERING

Samuel Chuku  
Oluwatobi Adebayo Oloyede  
Sanjaykumar B Patel  
Clarence Caleb Upshaw

### MASTER OF SCIENCE IN CIVIL ENGINEERING

Muhannad Abdelgadir  
Marvin Gaye Burke Jr  
Hadi Khoury

### MASTER OF DATA SCIENCE AND ENGINEERING

Gautami Kishor Lad

### MASTER OF SCIENCE IN COMPUTER SCIENCE

Bhanu Prakash Reddy Banda  
Alexis Danielle Cooper  
Jeffrey Javier Hernandez-Villarreal  
David Matthew Johnson  
Harikha Manthena  
Rawshan Ara Mowri

Sandeep Shah  
Mahzabin Tamanna  
Clifton Lamont Wallace Jr  
Bolun Wang  
Pokei Yip

### MASTER OF SCIENCE IN DATA SCIENCE AND ENGINEERING

Nikita Agarwal  
Dedrick Bernard Barkley  
Kenneth Lee Jones  
Rhea Anita Joseph  
Edwin Uzoma Onugha  
Lawrence Owusu  
Darlesia S Sykes  
Daniel John Tobias

### MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Justin Baraka Blackman  
Ewomazino Samuel Edhere  
Abenezer Gebresilassie Girma  
Michael Zachary Lowe  
Jelani Owens  
Steven Vanrooy Powell II  
Christian Q Thomas

### MASTER OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING

Enoch Kwabena Bonsu  
Lo'Treya Alana Davis  
Fares Fuad Khatiri  
Sierra Eloise Marshall  
Doyin Blessing Oguntloye  
Henry Rene Washington  
Christopher Gordon Williams  
Micah Joseph Xavier

### MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Abdullah Saad Alkhalifa  
Babak Fallah  
Aaron Michael Hill  
Sabrieh Mouraki  
Larry Stuart Thompson Tre III

### DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

May Mousa Almousa  
*A Comparative Study of Machine Learning Algorithms for the Detection of Social Semantic Cyberattacks*

## DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE, cont..

Zhipeng Liu  
*A Comparative Study of Machine Learning Algorithms for the Detection of Social Semantic Cyberattacks*

Christopher Lee Whitfield  
*A Comparative Study of Machine Learning Algorithms for the Detection of Social Semantic Cyberattacks*

## DOCTOR OF PHILOSOPHY IN COMPUTATIONAL SCIENCE AND ENGINEERING

Yaa Takyiwaa Acquah  
*Intelligent AI Techniques for Building Energy and Human Comfort Optimization using Smart Sensor Network and Thermal Imagery*

Justice Darko  
*Active Sensing and Learning Multimodality for Predictive Decision Making*

Sade Alease Davenport  
*Metatranscriptomic Analysis of Signal Transduction Gene Structure in Oceanic Fungi Using Generative Adversarial Networks*

Eugene Uwiragiye  
*Machine Learning in Heterogenous Biological Systems*

## DOCTOR OF PHILOSOPHY IN ELECTRICAL ENGINEERING

Brinta Chowdhury  
*Metamaterial Device Design for Terahertz Applications*

Tesfamichael Agidie Getahun  
*Vision-Based Lane Detection for Autonomous Vehicle Navigation and Control*

Abenezer Gebresilassie Girma  
*Attention Augmented Deep Neural Network Design for Vehicular Time Series and Computer Vision Applications*

Mrinmoy Sarkar  
*Performance Evaluation of Autonomous UAV Systems Using Data-Driven Techniques*

Xuyang Yan  
*A Novel Clustering-based Online Learning Framework for Data Streams*

## DOCTOR OF PHILOSOPHY IN INDUSTRIAL AND SYSTEMS ENGINEERING

Michael Adewunmi Ogunsanya  
*Digital Twinning of Additive Manufacturing Processes*

## DOCTOR OF PHILOSOPHY IN MECHANICAL ENGINEERING

Manosi Roy  
*Transport, Magnetic, and Optical Properties of Titanium Nitride-Oxynitride Thin Film*

Kaushik Sarkar  
*Rare-Earth Free Low Dimensional Transition Metal-Based Alloys for Magnetocaloric Applications*

Jacob Som  
*Roles of Transition Metal Oxide-Oxynitride Thin Film Electrocatalyst in Water Splitting Reactions*

## JOINT SCHOOL OF NANOSCIENCE AND NANOENGINEERING

## DOCTOR OF PHILOSOPHY IN NANOENGINEERING

Adrian E Goodwin  
*Fabrication, Processing and Performance Evaluation of Adhesively Bonded Hybrid Composite*

Reginald Lanard Goodwin  
*The Influences That Guide Underrepresented Minorities to Choose STEM Careers Conforms to the Social Cognitive Career Theory Framework*

Rabin Pokharel  
*A Study on GaAs/GaAsSbN Schottky and GaAs/GaAsSb Core-Shell Avalanche Nanowire Near-Infrared Photodetectors via Molecular Beam Epitaxy*

## JOHN R. AND KATHY R. HAIRSTON COLLEGE OF HEALTH AND HUMAN SERVICES

## DOCTOR OF PHILOSOPHY IN SOCIAL WORK

Lashaundra J Lucas  
*Know Your Worth: Self-worth Development for Black Millennial Women in Intimate Relationships*

## COLLEGE OF SCIENCE AND TECHNOLOGY

## MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Rahatul Ashique  
Edward Neal Backsman  
Terin Selena Boles  
Karl Bolinger  
Justin Joel Bullock  
Shayla Tonia Doyal  
Jennifer Daisy-Omon Eriagbondia  
Nicolas Kole Furr  
Carlton Henry  
Phylcia Danielle Hicks  
Amy Jack  
Rochelle Lee  
Piper Jean LeMoine  
Kaylin Samari Moorer  
Shelby Nicole Neal  
India C Schenck  
Charles Spencer Scott IV  
Monica Leah Stephens  
Scott Allen Vick  
LaTonya Suitt Walker  
Danielle Sharnique Washington  
Jonesha Ebony Weeks  
Justin S Whatley  
James Nazareth White  
Luke G Williams

## MASTER OF SCIENCE IN MATHEMATICS

Crystal L Bennett

## MASTER OF SCIENCE IN PHYSICS

Aniya Lynn Tyson

## MASTER OF SCIENCE IN TECHNOLOGY MANAGEMENT

Faris Ahmad Abukhalaf  
Olajumoke Divine Aroyewun  
Eryana Cherie Bailey  
Kimberly Natasha Brown  
Kristin Kail Bunny  
Jacqueline Nicole Cabello  
Terri Davis  
Gary Edward Devane Jr  
Jalen Solomon Storm Fowler  
Landry Alexander Frison  
Carla Kim Hebrard  
Rebecca Kay Huneycutt  
Michael Craig Jones  
Emmanuella Nkechi Maduakor  
Ryan Eugene Sellars  
Anthony Blair Smith  
Courtney Raquel Steed  
Alvin Ward  
Michael Reginald Williams Jr  
Prince X Wynn  
Adeoluwa Omoyemi Yekeen

## DOCTOR OF PHILSOPHY IN APPLIED SCIENCE AND TECHNOLOGY

Abdulrahman Abutaleb Alrajhi  
*Detecting Road Defects Using a Sliding Window Technique and Machine Learning by a Low-cost Sensing Device*

Mizpha Courtney-Simone Fernander  
*Assessing Simulated Microgravity on Streptococcus mutans Using Experimental Evolution*

Anurag Jha  
*Firebrand Prediction in Wildland Urban Interface Fires using Machine Learning Models*

Shiva Phuyal  
*Understanding Sperm Motility in a Viscoelastic Fluid*

Janelle Reana Robinson  
*Physiological, Genomic and Transcriptomic Effects of Silver Exposure on Saccharomyces cerevisiae*

## DOCTOR OF ENERGY AND ENVIRONMENTAL SYSTEMS

Eric Appah  
*A Novel Sensitization and Activation Technique for The Fabrication of H2-selective Pd and Pd-Ag Composite Membrane Using Surfactant Induced Electroless Plating*

Chongran Zhang  
*Physical Processes and Drivers Impacting the Climate of Antarctic Peninsula and Surface Melt Over Larsen C Ice Shelf*

## CERTIFICATES

## CYBERSECURITY

Collins Chibuikwe Obukwelu  
Ihab Albadri  
Jennifer Daisy-Omon Eriagbondia  
Jonesha Ebony Weeks  
Kaylin Samari Moorer  
Michael Louis Sileno  
Monica Leah Stephens  
Nicolas Kole Furr

## DATA ANALYTICS

Ashley D Hardy  
Donisha Monee' Brinson  
Emmanuella Nkechi Maduakor  
Evonna S Craig  
Gabrielle Nicole Dawkins  
Jimel Pettiford  
Shaiwuan Sims  
Shayla Tonia Doyal

## REHABILITATION COUNSELING AND BEHAVIOR ADDICTION

Alyssa P Thompson  
Ashley White Martin  
Biajah James  
Kelly J Gannaway

# OFFICIALS

## CABINET

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Dr. Tonya L. Smith-Jackson, *Provost and Executive Vice Chancellor for Academic Affairs*  
Erin Hill Hart, *Chief of Staff*  
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Dr. Melissa Holloway, *Vice Chancellor for Legal Affairs, Risk and Compliance/General Counsel*  
Earl M. Hilton III, *Director of Athletics*

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Tonya Ammons	Sereyn Green	Todd Simmons
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Cherrie Chrisp	Dr. John Henry Jr.	Caiya Wiltshire
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Dr. Regina Williams Davis	Dr. Tracie Lewis	Linda Wynn
Teresa Davis	Janice Martin	
Dr. Jason DePolo	Sharon Mitchell	

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William A. Dudley  
Venessa C. Harrison  
Paul L. Jones  
Timothy O. King  
Joseph R. Parker Jr.  
Dr. Bhaskar Venepalli  
Dr. Lynn Wooten  
Ezana Tamrat, *SGA President 2022-2023*

## FACULTY MARSHALS

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*Chief Marshal/Mace Bearer*  
*The Graduate College*  
Dr. Clayton Clark II  
Dr. Kalynda Smith

## INTERPRETERS

Anita Baker  
Valerie McMillan

## ANNOUNCER

Joseph Level

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I hereby solemnly pledge allegiance to my Alma Mater in appreciation for the opportunities for development afforded me as a student at North Carolina Agricultural and Technical State University.

I pledge active membership in the North Carolina Agricultural and Technical State University Alumni Association wherever I may be. Through association with fellow alumni, I shall forever do my best to uphold the ideals and traditions of my Alma Mater.

I pledge to exemplify high ideals by rendering positive and dignified service to the community, state, nation and world, thus living to bring honor and respect to my Alma Mater.



