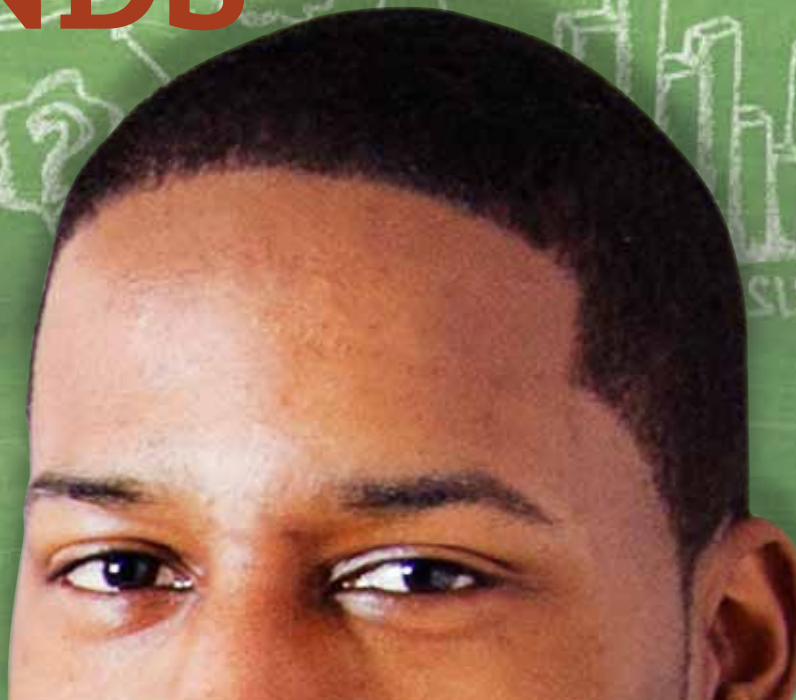




NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY

Year to

INQUIRING MINDS



North Carolina Agricultural and Technical State University is an 1890 land-grant doctoral research university dedicated to learning, discovery, and community engagement. The University provides a wide range of educational opportunities from bachelor's to doctoral degrees in both traditional and online environments. With an emphasis on preeminence in STEM and a commitment to excellence in all its educational, research, and outreach programs, North Carolina A&T fosters a climate of economic competitiveness that prepares students for the global society.

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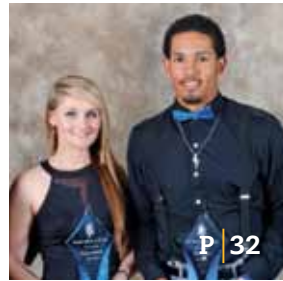
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Graduate school aims for excellence through innovation

GETTING IT RIGHT (Winter/Spring 2014)

Serving the Community, pp. 28-29

Kashawn Little worked on the video interview project, "Seeing the Voices of Children & Youth: Setting the Record Straight," with his mentor, Bob Lewis, the originator of the project.

People Behind the Scholarships, pp. 32-33

Emerson Fullwood has been a member of the North Carolina A&T State University Board of Trustees since 2009 and is the executive in residence in the Saunders College of Business at the Rochester Institute of Technology. The Emerson U. and Vernita Fullwood Xerox Endowed Scholarship will amount to a grand total of \$250,000 over a five-year period.

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Mission Statement Revised

To ensure that North Carolina A&T State University remains current and relevant, the university's mission statement has been updated to reflect an emphasis in the STEM (science, technology, engineering and mathematics) disciplines, a continued commitment to excellence, and our goal of fostering of economic competitiveness that prepares students for the global society in which we live.

Below is the updated statement approved by the UNC Board of Governors on February 21, 2014.

Mission Statement

North Carolina Agricultural and Technical State University is an 1890 land-grant, doctoral-research university dedicated to learning, discovery, and community engagement. The University provides a wide range of educational opportunities from bachelor's to doctoral degrees in both traditional and online environments. With an emphasis on preeminence in STEM and a commitment to excellence in all its educational, research, and outreach programs, North Carolina A&T fosters a climate of economic competitiveness that prepares students for the global society.

The new statement is now being used to guide the planning and execution of programs. It is replacing the old mission statement on web pages and in *A&T*

Preeminence 2020 publications online.

The new statement should be used in all future reports, proposals and other printed materials.



N.C. A&T Chosen for Innovation and Entrepreneurship Collaborative

The Association of Public and Land-grant Universities (APLU) Office for Access and Success (OAS), National Collegiate Inventors and Innovators Alliance (NCIIA), the United State Patent and Trademark Office and the United Negro College Fund have announced the inaugural cohort for the Historically Black Colleges and Universities (HBCU) Innovation and Entrepreneurship Collaborative (IEC).

The HBCU Innovation and Entrepreneurship Collaborative is a cohort of 15 HBCUs committed to participating in a multi-year collaboration to foster innovation, commercialization and entrepreneurship on their respective campuses. Funded by The Lemelson Foundation, this collaboration will build off the momentum established by the 2013 HBCU Innovation Summit held at Stanford University that was co-organized by UNCF, the NSF-funded National Center for Engineering Pathways to Innovation (Epicenter) and the Stanford Center for Professional Development.

Selected universities will have the opportunity to participate in a collaborative community seeking to increase innovation and entrepreneurship across disciplines (i.e., agriculture, business, science, mathematics, engineering and technology, etc.) in order to build an innovation ecosystem among institutions, administrators, faculty and students, the federal government and private industry. This cohort of HBCUs will be able to access current and future funding opportunities that will be available only to those universities that commit to participate in this unique collaborative.

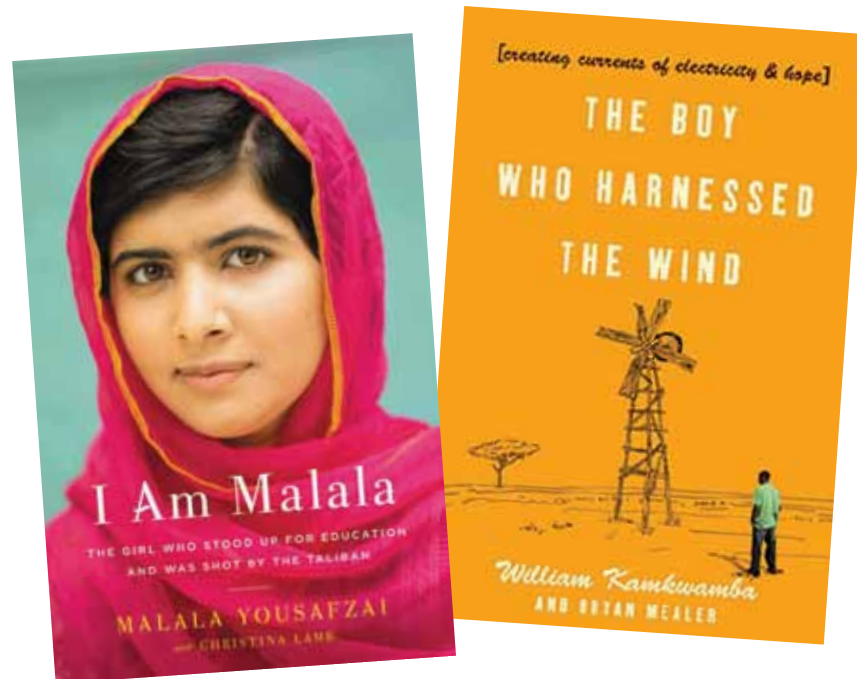
Forty-four HBCUs submitted competitive applications for the limited number of spaces in the initial cohort. Institutions were rated on the following criteria: institutional commitment; institutional capacity; federal research engagement; intellectual property engagement; faculty innovation potential; and cross-disciplinary impact.

In addition to N.C. A&T, the institutions are Clark Atlanta University, Fayetteville State University, Florida A&M University, Hampton University, Howard University, Jackson State University, Morehouse College, Morgan State University, Prairie View A&M University, Tuskegee University, University of Maryland Eastern Shore, University of the Virgin Islands, Virginia State University and Xavier University of Louisiana. A&T, FAMU, Jackson, Morgan, Prairie View, Tuskegee, UMES, UVI and VSU are APLU member institutions.

The institutions kicked off their participation at the 2014 HBCU Innovation and Entrepreneurship Collaborative Symposium in conjunction with OPEN 2014, the NCIIA's 18th annual conference in San Jose, Calif., March 21-22. The pre-conference symposium was funded by The Lemelson Foundation and hosted by APLU, NCIIA, United Negro College Fund, and the United States Patent and Trademark Office.

The following partnering organizations will also be working with this initiative: ACT; American Association of State Colleges and Universities; Association of American Colleges and Universities; Association of Governing Boards; APLU; College Board; Diverse Issues in Education; Energy Efficiency and Renewable Energy/Workforce Management Office (U.S. Department of Energy); ETS; Griffin Rodgers and Associates; HBCU Center for Innovation, Commercialization and Entrepreneurship at UNCF; HBCU Digest; HBCUStory; Jumpstart; The Lemelson Foundation; Microsoft; Mozilla Corporation; Monsanto Corporation; National Association for Equal Opportunity in Higher Education; National Center for Engineering Pathways to Innovation (Epicenter); NCIIA; National Historically Black Colleges and Universities Alumni Associations; National Institute for Food and Agriculture; National Science Foundation; NorTech; Prime Source Technologies LLC; teelaspillarinc; Thurgood Marshall College Fund; TTG+Partners; United States Patent and Trademark Office; United States Department of Agriculture; United States Department of Energy; United States Department of Veterans Affairs; White House Initiative on Educational Excellence for African Americans; and White House Initiative on Historically Black Colleges and Universities.

Text-in-Community Books Selected for 2014-15, 2015-16



The text-in-community books for the next two academic years are “I Am Malala: The Girl Who Stood Up for Education and Was Shot by the Taliban,” by Malala Yousafzai, for 2014-15, and “The Boy Who Harnessed the Wind: Creating Currents of Electricity and Hope,” by William Kamkwamba, for 2015-16.

“I Am Malala” is the story of a young person who has the courage to stand up for her beliefs. As a young girl in the Swat Valley of Pakistan, Yousafzai spoke out about the right of all children, including girls, to an education. At the age of 15, she was shot in the head by a Taliban member while riding the bus home from school. Her miraculous survival and recovery, along with the story of her childhood and her journey from a remote village in Pakistan to the United Nations earned her a nomination to receive the Nobel Peace Prize.

“This book will provide our campus community with a deeper understanding of the challenges of global education, gender, poverty, child labor, Islamic fundamentalism and U.S. relations with the Islamic world,” said Dr. Joe B. Whitehead Jr., provost and vice chancellor for academic affairs.

“The Boy Who Harnessed the Wind” tells the story of how William Kamkwamba built a windmill from discarded motor parts, PVC pipe and an old bicycle to create electricity for his village in rural Malawi, Central Africa.

“With a particular focus on environmental sciences, engineering and green technology, this book will provide insight into concerns such as drought, famine, education and the difference one seemingly powerless young person can make in his community and beyond,” said Whitehead.

“Reading, discussing and writing about these two books will reinforce our efforts in the area of student success and improve the intellectual climate of our campus. These books also connect to North Carolina A&T’s mission as a land-grant institution and its commitment to social responsibility.”

Both books are available as eBooks.

UNC Entrepreneurship Conference Returns to N.C. A&T

The 2014 UNC Social Entrepreneurship Conference was held Feb. 28 at North Carolina A&T State University.

The conference is an opportunity for students, faculty and administrators from UNC campuses and community members to learn about topics relevant to social entrepreneurship and present their ideas for innovative, sustainable, business-oriented solutions to problems in communities across the state of North Carolina.

TerraCycle founder and CEO, Tom Szaky, was the keynote speaker. Szaky has won over 50 awards for entrepreneurship, blogged for Treehugger and the New York Times, has published a book called

The conference also featured some of North Carolina’s most successful and interesting social entrepreneurs.

“Revolution in a Bottle” and is the star of National Geographic Channel TV show, “Garbage Moguls.” His latest book is “Outsmart Waste: The Modern Idea of Garbage and How to Think Our Way Out of It.”

Founded in 2001, TerraCycle, named the producer of the most eco-friendly products in America, enables consumers to collect traditionally non-recyclable waste, which is then reused, upcycled or recycled into

thousands of various consumer products and materials, which are then sold at the world’s biggest retailers from Wal-Mart to Target. It operates in over 21 countries, has over 30 million people engaged in its waste collection programs, has collected over 4 billion pieces of garbage and has donated over \$5 million dollars to charities to collect that waste.

The conference also featured panels with winners from last year’s competition as well as some of North Carolina’s most successful and interesting social entrepreneurs. A business plan competition featured 40 teams divided into undergraduate and graduate sections.

The former created a plan for a sustainable new venture that achieves a social objective important to North Carolina, while the latter worked with a non-profit organization in North Carolina on a project the nonprofit identified to develop a business plan to assist the nonprofit in developing a new product or service or to help the nonprofit create a new revenue-generating product or service that supports the nonprofits core mission.

Wells Fargo sponsored the event.

M.B.A. Program Approved

In the spring, The University of North Carolina General Administration approved changing the name of N.C. A&T’s Master of Science in Management Program (M.S.M.) to the Master of Business Administration (M.B.A.), effective fall semester of 2014.

This change is significant because M.B.A. programs are the signature graduate programs for business schools. Therefore, the renaming of the M.S.M. program to M.B.A. will enhance the visibility of graduate programs in the School of Business and Economics.

The M.B.A. program will continue to offer prospective students opportunities to focus on concentrations in accounting, human resources management and supply chain systems. In the near future the M.B.A. will also offer more interdisciplinary opportunities to individuals with STEM backgrounds.

“... This M.B.A. program will prepare more qualified and highly marketable employees who understand the business process,” said Joe B. Whitehead Jr., provost and vice chancellor for academic affairs.

According to a North Carolina Department of Commerce-Labor and Economic Analysis Division report, employment in professional and business services will experience the highest growth rate of all sectors between 2010 and 2020. The university’s goal is to build a highly competitive M.B.A. program with core courses that continue to provide traditional business and management concepts that are very responsive to current workforce needs.

“Our goal is to create an M.B.A. graduate who is adept in a specific area of concentration but who can also apply interdisciplinary knowledge within a management system,” added Whitehead.

For more information, contact The Graduate School at 336-285-2366 or the School of Business and Economics, 336-334-7632.

N.C. A&T, UNC-CH Researchers to Examine Triple-Negative Breast Cancer

Researchers from North Carolina A&T State University and the University of North Carolina at Chapel Hill have been awarded a grant to investigate an aggressive form of breast cancer.

The teams will work to determine the role of viral factors in the aggressive nature of triple-negative breast cancer, which represents 15 to 20 percent of breast carcinomas. It is prevalent in younger women, African American women and in women with BRCA1 gene mutations.

This type of cancer is very aggressive, has a poor prognosis, fails to respond to conventional therapy and appears in many forms. The causes and molecular basis of this cancer are currently unknown, though multiple factors, including viruses, may be involved.

Specifically, this pilot study will investigate the prevalence of three particular types of viral genetic material in triple negative breast tumors and determine what role these passenger virus genetic materials play in the cancer's malignant properties and survival.

The study will be led by Dr. Perpetua Muganda, professor of biology at N.C. A&T, and the team will include Dr. Scott Harrison, assistant professor of biology at A&T; Dr. Dukka KC, assistant professor of computational science and engineering, A&T; and Dr. Jan Prins, professor of computer science, UNC-CH.

The \$50,000 in funding for the study comes from the North Carolina Clinical and Translational Sciences Institute (NC TraCS) and was matched by funds from the universities. It is part of the NC TraCS translational research pilot program created to accelerate the transfer of research findings to clinical practice. The institute is funded by the National Institutes of Health through its Clinical and Translational Science Award program.



CIT Appears on U.S. News' Best Online Graduate Programs List

North Carolina A&T State University has made U.S. News & World Report's 2015 Best Online Graduate Information Technology Programs (computer information technology) list once again.

The colleges and universities on the list were evaluated by peer assessment, total enrollment, tuition, average undergraduate GPA, acceptance rate, retention rate and other factors, which created the overall score. The CIT program at N.C. A&T maintained its No. 15 rank from the best online graduate programs' 2013 edition.

"I am very pleased to note the continuing national recognition of North Carolina A&T State University's master of science program in information technology, which is primarily due to the high quality faculty serving the program and the university's focus on student success," said Sanjiv Sarin, dean of the graduate school.

The CIT program began during the 2007-08 academic year and is led by professor and chair, Dr. Clay Gloster.

New Branding Campaign Begins

This summer North Carolina A&T State University introduced a new branding campaign that aspires to unify the university's integrated marketing and strategic communications efforts through consistent messaging.

"This new branding campaign aims to deliver cohesive messaging and positioning of North Carolina Agricultural and Technical State University," said Dr. Harold L. Martin Sr., chancellor. "It was developed within the framework of the A&T Preeminence 2020 long-range strategic plan and supports the university's overall institutional goals."

N.C. A&T partnered with a responsive marketing and communications agency to research and assess its brand perceptions among key constituents and to develop a new brand messaging/positioning platform for all future university communications. The new campaign is the result of the agency's comprehensive and revealing findings.

Since June, Nicole Pride, chief of staff and interim vice chancellor for university advancement, has been meeting with the campus and external communities to share the agency's findings and to introduce the new positioning statement, tagline and key messaging.

"The assessment uncovers our attitudes, perceptions and preferences toward A&T. It also reveals how likely it is for students, employees, alumni and other constituents to support—or even consider supporting—the university based on these current beliefs. These findings are important as we position A&T for preeminence and plan for other strategic efforts designed to advance the work of the institution," said Pride.

The new positioning statement combines all of those things with the university's strategic themes. The result is a clarion call to excellence:



This summer North Carolina A&T State University introduced a new branding campaign that aspires to unify the university's integrated marketing and strategic communications efforts through consistent messaging.

We are proud. Our history is rich with achievement and tradition. Our university is a place where the dynamic and visionary challenge the status quo. We share a vision of preeminence; using our minds, our research and our passion, we engage the community and create positive, lasting global change. We are better than yesterday, but never as good as tomorrow. Because our excellence has no boundaries—and because that's what AGGIES DO!

Pride says the next phase of the campaign is to develop creative collateral that impacts all facets of the university.

"The response to our branding efforts and AGGIES DO! has been very positive, and the majority of the campus community is eagerly anticipating the creative phase," said Pride.

A formal campus community rollout will take place this fall with ongoing brand development through the spring.

NORESCO Selected for Energy Infrastructure Project

North Carolina A&T State University and NORESKO, a national leader in energy efficiency and energy infrastructure solutions, have entered into a \$3.8 million guaranteed energy savings agreement.

The project is funded by reductions in energy usage over a 17.25-year contract term, with no upfront cost to taxpayers for improvements to university buildings and systems. It includes lighting, steam system and weatherization improvements, installation of new heating, ventilation and air conditioning (HVAC) controls, retro-commissioning at selected buildings and a preventive maintenance program. Construction is expected to occur over 14 months.

As part of the agreement, NORESKO guarantees annual energy consumption savings of more than \$300,000 after the improvements are fully implemented. Energy reductions will also reduce the university's carbon footprint with an expected annual improvement equivalent to removing 881 cars from the roadways.

NORESCO specializes in the development, design, construction, financing and operation of energy- and environmental-efficiency projects and is a part of UTC Building & Industrial Systems, a unit of United Technologies Corp. (NYSE: UTX).

North Carolina A&T began collaboration with NORESKO in 2012 to deliver the university's first energy savings performance contract to identify opportunities and implement initiatives designed to conserve energy, reduce costs and create sustainable solutions for the campus. Improvements to buildings, infrastructure and learning environments will support the university's continuing growth from its roots as a land-grant institution, established in 1891, to contemporary leadership roles in fields such as nanotechnology, biotechnology, energy and the environment.

"The university's leadership understands that in order to effectively accomplish the goals outlined in N.C. A&T's Preeminence 2020 plan, we must have efficient facilities," said Andrew Perkins, associate vice chancellor of facilities. "With NORESKO's help, we are transforming an engineering and construction project into teachable moments that support A&T's core goals across many dimensions."

University students participated hands-on as the project began with energy audits of campus buildings and equipment. Other university students and students from local K-12 schools gained exposure to the project and the energy-efficiency industry through campus educational events, such as Earth Day programs and energy fairs. The local economy benefits from NORESKO's subcontracting plan, developed in conjunction with the university, which calls for use of local and in-state talent to deliver the majority of the project. A significant portion of work is expected to be subcontracted to minority firms.

"N.C. A&T leaders recognized the environmental and financial benefit of reducing energy consumption and applying the value of energy savings to building improvements," said Jim Williams, regional general manager, NORESKO. "NORESCO is pleased the university has entrusted a project to us that will deliver energy savings and fuel the intellectual enthusiasm of students, faculty and staff members."

Melissa Hargrove, senior account executive with NORESKO, said, "Not so long ago, I was a student at N.C. A&T taking the same engineering courses that current students I've met are taking. I am proud to support my alma mater as both an alumna and a contractor, and I am excited about the building improvements the university and NORESKO will deliver to the campus community together."

A&T Ranks among Top Graduate Online Programs for Veterans

U.S. News & World Report ranks North Carolina Agricultural and Technical State University's graduate online computer information technology program among the top online degree programs for veterans.

The 2014 Best Online Programs for Veterans ranking, released May 20, includes schools

that were first numerically ranked in the U.S. News & World Report's 2014 Best Online Programs ranking. Additional factors that were considered in the ranking of the program include veterans-focused initiatives.

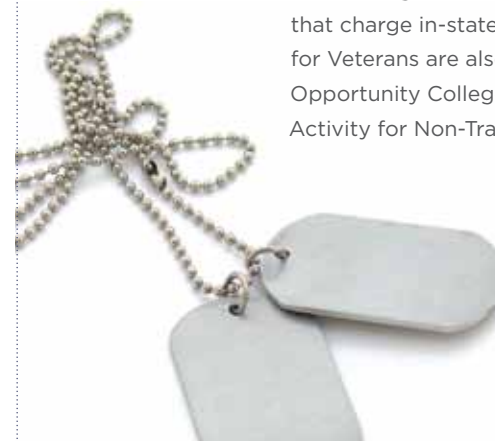
"I AM EXTREMELY EXCITED TO SEE THE HARD WORK AND STRATEGIC PLANNING THAT IS TAKING PLACE ON OUR CAMPUS BEING RECOGNIZED ON A NATIONAL LEVEL."

— CHANCELLOR HAROLD L. MARTIN SR.

"I am extremely excited to see the hard work and strategic planning that is taking place on our campus being recognized on a national level," said Chancellor Harold L. Martin Sr. "We are committed to producing excellence and will stay focused on preeminence."

The university's distance learning computer systems program is ranked at No. 4 on the best computer information technology programs list and as the No. 15 best online graduate programs in U.S. News & World Report's 2015 best online graduate programs list.

To be ranked, an online degree program had to report participation in four key programs that offer educational benefits to people with military service. The rankings methodology requires programs to belong to institutions that are certified for the GI Bill. They must also belong to schools participating in the Yellow Ribbon Program or public institutions that charge in-state tuition for all out-of-state veterans. The Best Online Programs for Veterans are also affiliated with schools that are members of the Servicemembers Opportunity Colleges (SOC) Consortium and offer at least once course in the Defense Activity for Non-Traditional Education Support (DANTES) catalog.



NSF-REU Site Hosts Eight Undergraduate Researchers This Summer

May 27 through Aug. 1, N.C. A&T State University's National Science Foundation-Research Experiences for Undergraduates (NSF-REU) Site, Collaborative Earth System Science—atmospheric modeling, sensing and societal impacts—hosted eight undergraduate researchers selected in a national competition. The students come from as far as Puerto Rico, California and New York, and locally from Bennett College, East Carolina University, Fayetteville State University and UNC Charlotte.

Unlike traditional REU sites where students work with only one faculty mentor on a specific topic, in this REU the design of projects will involve an interdisciplinary team of faculty members: Drs. Solomon Bililign (principal investigator) and Diedrich Schmidt, Department of Physics; Dr. Shyam Aravamudhan, Joint School of Nanoscience and Nanoengineering; Dr. Zerihun Assefa, Department of Chemistry; Dr. William Edmonson, Department of Electrical Engineering; Dr. Kathryn Kisska-Schulze, Department of Management; Dr. Yuh-Lang Lin, Department of Physics and Department of Energy and Environmental Systems; Drs. Liping

Liu and Yevgenii Rastigejev, Department of Mathematics; Drs. Ademe Mekonnen and Keith Schimmel, Department of Energy and Environmental Systems; and Dr. George Stone, Department of Marketing Transportation and Supply Chain.

The REU program is structured to host four students for an academic year experience as well.

A particular strength of the N.C. A&T REU model is the use of a national lab and industry partnerships to provide cutting-edge research and educational and professional development opportunities for undergraduate students. Two of the academic year REU participants spent a month in Boulder, Colo., and took part of the Front Range Air Pollution and Photochemistry Experiment (FRAPPÉ) field campaign. FRAPPÉ is a collaborative effort between the Colorado Department of Public Health and the Environment, the University of Colorado, Colorado State University, UC Berkeley, other university collaborators, local projects and agencies including local school districts, NASA, NOAA and NCAR.

A&T atmospheric sciences majors, seniors Percy Williams and Cameron Anderson, were accompanied by an energy and environmental systems doctoral student, Sujeeta Singh.



Summer 2014 NSF-REU researchers (left to right): Andrea Cowley, Christopher Newport University; Mark Auden, University of Rochester; Isabel D. Colon Bernal, University of Puerto Rico Rio, Piedras Campus; Britney Hamilton, UNC-Charlotte; James Wheaton, East Carolina University; Khoa D. Cao, California State University-Fullerton; Hakimah Smith, Bennett College; Michael Chery, Fayetteville State University

SEF Names N.C. A&T among 2014 Top Universities for Professional Sales Education

In the release of the Sales Education Foundation's (SEF) 2014 list of Top University Sales Programs, the Department of Marketing, Transportation and Supply Chain's (MTSC) professional sales program in the School of Business and Economics at North Carolina A&T State University is highlighted as one of the top programs preparing students for professional selling careers.

"We salute Dr. Jacqueline "Jakki" Williams who has driven MTSC's sales initiative for several years," said Dr. Linda Silver Coley, chair of the department. "We also thank 3M Company, Aerotek/TekSystems, CISCO Systems and John Deere for investing in the development of our sales and marketing students through role plays, scholarships, internships, coaching, starting their professional careers and providing dollars for program and faculty development. Our partners that invest in our program help MTSC to send forth "top talent" to corporate America."



While employment rates remain flat for recent college graduates, top sales programs average over 92 percent job placement for their students, within three months of graduation.

Approximately 50 percent of all graduates with a business degree will enter the workforce in a sales-oriented

role. Students with a sales education ramp up 50 percent faster and turnover 30 percent less than their non-sales educated peers.

Sales graduates report their career satisfaction at over 77 percent. Average starting salaries for sales representatives, average over \$56,000.

Students from sales programs average 2.8 job offers before graduation.

Sally Stevens, executive director of the Sales Education Foundation, noted that companies have an increased focus on partnering with university sales programs, "With a proven track record for producing top sales talent, the future of university sales education is brighter than ever."

For information on partnerships with the School of Business and Economics at N.C. A&T, or to learn more about the growing sales education space, contact the Sales Education Foundation at 800-776-4436 or visit www.salesfoundation.org.

While employment rates remain flat for recent college graduates, top sales programs average over 92 percent job placement for their students, within three months of graduation.

campus briefs

Faculty and Staff



Drs. Fatemah Afghah and **Trisha Sain** have won awards from the North Carolina Space Grant program. Afghah, assistant professor in the Department of Electrical and Computer Engineering and director of the department's Wireless Networking (WiNet) Laboratory, received the New Investigator Award for her research in inter-satellite communications in autonomous small satellite networks. "Numerical modeling of constitutive behavior of ice at high strain rates," a research project by Sain, assistant professor of mechanical engineering, will be funded by the award.



Dr. Solomon Bililign, professor of physics and director of the NOAA-ISET Center, has been selected as an associate fellow of the Ethiopian Academy of Sciences. The EAS is an autonomous, non-profit, non-governmental organization established in March 2010, by a group of prominent scholars who wish to promote the sciences to flourish and bring about development, prosperity and improved health services for the people(s) of Ethiopia. The academy aims to advance the development of all the sciences, including the natural sciences, mathematics, the health sciences, agricultural sciences, engineering, social sciences and humanities, fine arts and letters.



Rosetta L. Clay is the associate vice chancellor for alumni relations in the Division of University Advancement, effective June 6. Clay serves as the primary liaison to and organizer of staff support for the N.C. A&T Alumni Association Board of Directors in the development and execution of a unified agenda for volunteer leadership including specific and measurable goals, objectives and tactics. She also will provide the support for and direction of the board's member identification, cultivation and recruitment efforts, new member orientation and effective board governance and substantive interaction between board and university leaders.

Other duties of the position include: working closely with development colleagues to identify and cultivate alumni prospects through volunteer leadership and engagement opportunities; guiding the planning of/direction for alumni efforts; establishing and building relationships with a wide range of alumni; maintaining regular communication with alumni; fostering connections between alumni and students as part of a larger program to develop future alumni leaders, volunteers and donors; educating graduating students about alumni benefits and engagement programs; and raising funds for select projects and events in collaboration with the Office of Development.

Clay most recently served as director of alumni programs at the University of Maryland Robert H. Smith School of Business where she has also served as director of special events. She has also held marketing positions with United States Army Ten-Miler, Maryland Public Television and SPARTA Inc. Clay has an M.S. degree in marketing management from Johns Hopkins University Carey Business School and a B.S. in mass communications/English minor from Southern Illinois University.



Dr. Loury Ollison Floyd, associate professor and associate dean in the School of Education, has been elected president of

the North Carolina Association of Colleges and Teacher Educators for a two-year term. NC-ACTE is a statewide organization that monitors and promotes teacher education across North Carolina. Chapter presidents (or liaison representative) also serve as members of the Advisory Council of State Representatives.



Dr. G. Scott Jenkins has been named vice provost for academic affairs and undergraduate programs, effective April 1. In this role Jenkins

will provide academic and administrative leadership, function as a representative and is authorized to act on behalf of the provost, interact closely with academic deans, and actively engage in developing and supporting processes and policies that enhance undergraduate education and student success.

Jenkins formerly served as assistant vice chancellor for institutional research. Prior to coming to N.C. A&T, he was the chief academic officer and associate academic officer at the University of North Carolina School of the Arts. He also served in several administrative roles for UNC General Administration.

Jenkins has a B.S. degree in biology from UNC Charlotte, an M.S. degree in microbiology and immunology from Wright State University and a Ph.D. in cancer biology from Wake Forest University.



Dr. Stephanie Luster-Teasley, associate professor in the Department of Civil, Architectural and Environmental Engineering and the Department of Chemical, Biomedical and Bioengineering, has received the 2014 ASEE DuPont Minorities in Engineering

Award in recognition of her distinguished accomplishments in engineering. She was honored June 16, during the American Society for Engineering Education's 121st annual conference and exposition in Indianapolis, Ind.

Luster-Teasley is also among the first cohort of 20 fellows to complete the National Science Foundation funded Opportunities for Underrepresented Scholars (OURS) Post Graduate Certificate in Academic Leadership at The Chicago School of Professional Psychology. With a \$1.8 million grant from the NSF, the OURS program—which provides initial funding to support full scholarships for eligible participants for a post-graduate certificate in academic leadership—is designed to prepare women in the science, technology, engineering and mathematics disciplines at historically black colleges and universities for academic leadership roles, either within their STEM disciplines or within institutional administrations.



Dr. Beryl C. McEwen has been appointed dean of the School of Business and Economics, effective Aug. 6. McEwen most recently served as vice provost for strategic planning and institutional effectiveness and SACSCOC liaison.

Prior to serving as vice provost, McEwen was an associate dean in the School of Business and Economics (2010-2012) and led its successful AACSB International reaffirmation of accreditation effort. She joined the business faculty in 1995 as chair of the Department of Business Education.

McEwen has a bachelor's degree in business education from the University of Technology, Jamaica, and a master's and doctorate in business education from Southern Illinois University Carbondale.

McEwen was recently awarded the 2014 Distinguished Service Award for an Administrator during the National Business Education Association's (NBEA) annual convention in Los Angeles (April 18). The award recognizes outstanding contributions to business education by a senior college or university business educator.

campus briefs continued



Dr. Darryl D. McGraw has been appointed vice chancellor for information technology and chief information officer.

The vice chancellor/CIO serves as the head of the Division of Information Technology and is responsible for strengthening and supporting the university's learning, discovery and engagement activities by providing the leadership to position the university on a path that represents operational excellence and integrates advanced technologies that enhance teaching, learning and research.

McGraw has more than 25 years of experience in IT, with 19 years of executive/CIO experience in a higher education environment. Prior to coming to N.C. A&T, he was vice president for information technology/CIO and dean of the Research Triangle Park campus for Wake (N.C.) Technical Community College.

McGraw received his Ed.D. and B.S. degrees from North Carolina State University, an M.B.A. from Campbell University and an A.A. from Southeastern Community College. He also holds postgraduate certificates from Harvard University and the UNC School of Government.



Nicole Pride has been appointed chief of staff, effective April 1. In this role, Pride serves as the principal liaison and adviser to the chancellor, is a member of the chancellor's executive cabinet, and provides strategic and operational support for

internal and external constituencies. In collaboration with other members of the cabinet, this position is responsible for planning, organizing and driving the initiatives and activities of the Office of the Chancellor, as they relate to the internal operations and the external relationships of the university.

Other duties of the position include the following: manages and oversees the chancellor's office and his day-to-day engagements, university relations, and government and state relations; coordinates and supports the board of trustees and board of visitors; serves as the liaison between UNC General Administration and the campus community; is the point of contact for A&T's various constituent groups; and provides leadership on administrative matters.

Pride has B.A. degrees in business management and economics from North Carolina State University and an M.A. degree in corporate and public communications from Seton Hall University. She is currently pursuing a Ph.D. in organizational leadership at the University of Maryland Eastern Shore.



Dr. Schenita Davis Randolph, assistant professor and Certified Nurse Educator in the School of Nursing, is the 2014 recipient of the Elsevier Exceptional Nursing Educator of the Year Award in the category of Clinical Excellence. Elsevier is the world's

leading health science publisher. This national award recognizes the work of three outstanding nursing faculty members who show exceptional skill, innovation and effectiveness in regards to promoting student learning, professionalism and self-confidence.



Dr. Lisa Gueldenzoph Snyder, interim associate dean in the School of Business and Economics and chair of the Department of Business Education, was installed as the 2014-2016 president of the Association for Research in Business

Education at the National Business Education Association convention in Los Angeles. During the convention, Snyder also chaired the Policies Commission for Business and Economic Education and presented the commission's session report on "New and Emerging Instructional Strategies" and "The Importance of Business Education in the Curriculum."



Dr. Jenora Waterman, assistant professor of functional genomics in the Department of Animal Sciences and director of the Respiratory Biology and Toxicology Laboratory, has made one

key discovery toward improving the treatment of chronic obstructive pulmonary disease (COPD) among agricultural workers, and now she's been accepted into a prestigious career development program to advance her research. Waterman has been named an NC TraCS K-Scholar, a professional development honor for junior faculty members funded through the Clinical and Translational Science Awards (CTSA) program of the National Institutes of Health. She will receive funding and mentoring for three years.

COPD is a major cause of death in the United States, most typically found among smokers. A less studied aspect of the disease is the 7 percent of its U.S. victims who are agricultural workers. They can develop COPD as a result of long-term exposure to animal production facilities containing dust that contributes to respiratory diseases.

N.C. A&T is a partner in the CTSA grant won by UNC-CH last fall. Waterman's grant is funded through the North Carolina Translational and Clinical Sciences (NC TraCS) Institute, the integrated home of the CTSA program at UNC-CH. The goal of NC TraCS is to accelerate the translation of clinical research results into the treatment of disease.



Dr. Miriam L. Wagner has been appointed interim dean of the School of Education, effective July 1. As interim dean, Wagner will manage administration of instructional and research programs, budgetary

management, faculty development, human resource management, grantsmanship and fundraising, evaluation and assessment of educational programs, and developing and maintaining high academic standards for the community of scholars. She will also oversee recruitment, promotion and tenure of faculty, and support faculty development in teaching, scholarship, research and grant procurement.

Wagner has been an associate professor of counseling at N.C. A&T since 1992. In 2008, she became chair of the Department of Human Development and services where she supervised faculty and staff in rehabilitation counseling, school counseling, mental health counseling, adult education and school administration. She also managed the implementation of the doctoral rehab counseling program and the development of the campus's Behavioral Health and Wellness Clinic.

Wagner has a doctorate in community counseling and bachelor's degrees in psychology and English literature from the University of North Carolina at Greensboro and master's degrees in human resources and school counseling from N.C. A&T. Before her professorship at A&T, she served as director of counseling and assistant professor of psychology at Winston-Salem State University.

campus briefs continued

Students

Shakera Fudge and **Leon White** are among the 75 undergraduate, graduate and professional students chosen by the White House Initiative on Historically Black Colleges and Universities (WHIHBCU) for its first class of HBCU All-Stars for their accomplishments in academics, leadership and civic engagement.

Fudge is a senior animal science major with a minor in chemistry. White is a doctoral student majoring in mechanical engineering.

Currently enrolled at 62 HBCUs, the All-Stars were selected from 445 students who submitted completed applications that included a transcript, resume, essay and recommendation. The All-Stars will serve as ambassadors of the White House Initiative by providing outreach and communication with their fellow students about the value of education and the Initiative as a networking resource.

Over the course of the next year—through social media and their relationships with community-based organizations—the All-Stars will share promising and proven practices that support opportunities for all young people to achieve their educational and career potential. In addition, the 45 women and 30 men will participate in regional events and web chats with WHIHBCU staff and professionals from a wide range of disciplines. They also will have opportunities to engage with other scholars to showcase individual and collective talent across the HBCU community.

Seven students were inducted into Rho Sigma Kappa Honor Society on April 11. Undergraduates **Creshenda Baylor**, **Kenneth Burns Jr.**, **Lauren McCray** and **Ebony Winder**, along with graduate students **Brianne Bass**, **Erin Davis** and **Brittany Jackson**, are now members of the organization that honors the scholastic, academic and extracurricular professional activities/leadership of students majoring in occupational safety and health/environmental health and safety. Rhonda Hunt, an alumna of the construction management program at N.C. A&T, was the keynote speaker. Hunt was inducted as a professional member of the society.

For the second year in a row, students in the School of Agriculture and Environmental Sciences brought home the 2014 National Quiz Bowl championship trophy from the Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS) conference in Birmingham, Ala., in April. The competition tests participants' knowledge of agriculture, current events and the MANRRS organization.

The N.C. A&T chapter competed and won against Ohio State, Southern University, University of Madison Wisconsin and Oregon State in four rounds of questioning. Representing A&T were **Amber Brown**, **Zanard Choice**, **Daijah Dowe**, **Chelsea Horton**, **Shayla Jackson** and **Taylor Johnson**, who also placed third in the MANRRS Undergraduate Written Essay Contest. Also for the second year in a row, the chapter received Region II Chapter of the Year honors and was presented with \$200 for the achievement.

Andrew Coleman, a theatre arts major, took top acting honors at the Southeastern 2014 Kennedy Center American College Theatre Festival (KCACTF). Coleman won "Best Classical Theatre Performance" and received the Irene Ryan Scholarship acting award. He competed with more than 200 college actors from across the region. He performed a classical monologue from William Shakespeare's "Merchant of Venice," portraying the character of Shylock.

The Kennedy Center was founded in 1969 and has grown to a network of 600 academic institutions throughout the country. The college theatre festival reaches 18,000 students across the United States, offering students the opportunity to showcase and receive outside assessments on their work. The Irene Ryan Foundation awards 19 regional scholarships and two fellowships each year.

On May 10, **Destenie Nock** graduated with two degrees, a perfect grade point average, an opportunity to pursue a master's degree in Ireland and a Ph.D. fellowship at the University of Massachusetts-Amherst.

Last November, Nock made N.C. A&T history as the first Aggie to receive the prestigious George J. Mitchell Scholarship. This September she will travel from her childhood home in Lusby, Md., to study sustainable electrical energy systems at Queen's University Belfast in Northern Ireland.

The double major graduate (electrical engineering and applied mathematics) has left many wondering how she did it.

"I have never pulled an all-nighter," Nock shared.

In her freshman year, Nock attended a workshop, How To Get a 4.0, which showed her how to take notes, study and build relationships with college professors.

"Following the plan in my base courses made it easier to survive in my later courses," she said.

While at A&T, Nock worked as a tutor and student researcher. She was also a member of the National Society of Black Engineers and served as president of the Tau Beta Pi engineering honor society. In April, she was presented the University Award for her outstanding record of accomplishment and leadership in academics, student activities and community service.

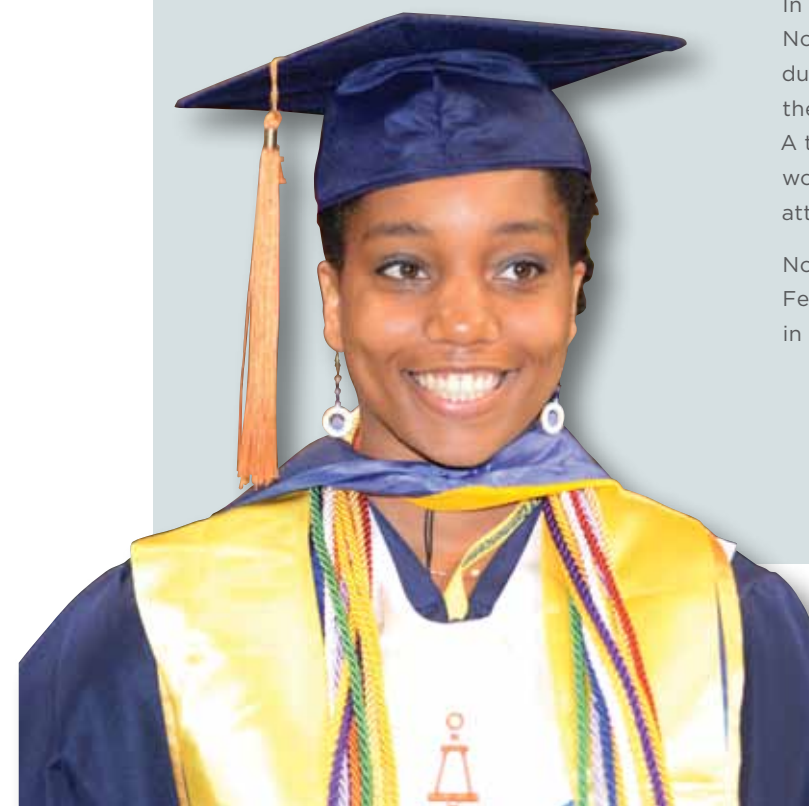
Nock explained that her motivation to succeed is fueled by the desire to achieve things others consider unattainable. In high school, she was told she could not take an advance placement course because there were little to no black students at her school who did.

"I said fine. I'm going to do it just to prove that it can be done."

She completed 12 advance placement courses.

In 2012, while on a faculty-led trip to Malawi, Nock devised a plan to keep girls in school during their menstruation period by teaching them how to make reusable sanitary napkins. A teacher at the school told her it would never work. Now, Nock's idea has gained widespread attention.

Nock will begin the National Science Fellowship in 2015. She plans to pursue a Ph.D. in industrial engineering at UMass-Amherst.



campus briefs continued



Wiedenheft

Mechanical engineering major **Kris Wiedenheft** and marketing major **Deneace Williams** are among 100 students selected from around the country to be named a winner of the 2014 Buick Achievers Scholarship. Supported by the General Motors Foundation, the scholarship program is designed to assist students studying in engineering and technology fields. This year, the program awarded 100 renewable scholarships of as much as \$25,000 per year. Wiedenheft and Williams were invited to the Governor's Mansion, where Gov. Pat McCrory and GM representatives congratulated them and other North Carolina recipients on Aug. 12.

Before transferring to A&T, Wiedenheft worked as a mechanical technician at the research and development facility of Prestone Products. Currently, she is performing research in fluid physics (capillary physics space experiment) through a joint NASA funded research project with the A&T Astronautics Thermal & Fluids Research Team and Purdue University. She is also a recipient of the 2014 Goldwater Scholarship from the Barry M. Goldwater Scholarship and Excellence in Education Program and a participant of the North Carolina Louis Stokes Alliance for Minority Participation (NC-LSAMP) at A&T. Her ultimate goal is to earn a Ph.D. in aerospace engineering and to conduct research in fluid physics and fluid modeling at a national laboratory or research institution.

Williams is a first generation college student and has a 3.89 GPA. For the past two years, she served as an assistant in the Marketing, Transportation and Supply Chain Office. This year, Williams will serve the university as a peer mentor.



Williams

Joshua Lee, bioengineering major, has been selected to serve as an ambassador at the Thurgood Marshall College Fund (TMC) Centers for Disease Control and Prevention (CDC), which helps the CDC better understand public historically black colleges and universities and build relationships on campus with faculty, staff and student groups. TMC and CDC staff work together with the ambassadors to host and organize events that bring awareness of public health and the CDC's mission to campuses and communities. Lee is the first student from N.C. A&T to serve in this role.

Justin Montgomery is the recipient of the Schwing America Scholarship from the ACI Foundation, a wholly owned and non-profit subsidiary of the American Concrete Institute. ACI Foundation Student Fellowships are offered to high-potential undergraduate and graduate students in engineering, construction management and other appropriate programs who are nominated by ACI member faculty. During the academic year, each student will receive a \$7,000 (\$10,000 for the ACI Charles Pankow Foundation Student Fellowship) educational stipend for tuition, residence, books and materials; appropriate certificates, recognition and publicity; paid travel expenses and attendance fees to two ACI conventions; assignment to an industry mentor; and an optional summer internship.

The A&T Register won five awards from the N.C. College Media Association (2013) and three awards at the 16th annual Black College Communication Association's Excellence in Journalism Student Newspaper Awards.

The N.C. CMA awards presented to the Register are First Place, News Writing, "Police brutality in Greensboro," by **Laci Ollison**; Second Place, Opinion Writing, "Can your name negatively affect your future?" by **Kourtney Pope**; Honorable Mention, Single or Two-Page Design, **Karmen Robinson** and **Taylor Wilson**; Honorable Mention, Photography, **Keith Jones** for Alzheimer's Walk (Oct. 16, 2013); and Honorable Mention, Sports Writing, **Kalyn Hoyle** for "Track program ready for lift off."

The contest results for the BCCA Awards were announced Feb. 8 during the annual National HBCU Student News Media Conference held at Prairie View A&M University. The results reflect the 2013 spring, summer and fall semesters: Second Place, Best News Coverage, "Citizens Walk for Alzheimer's," by **Kimberly Fields**; Second Place, Best Student Newspaper (Non-Regular Production); and Third Place, Best Design - Broadsheet or Tabloid.

For the 2013-14 academic year, four current students and three former students of North Carolina A&T State University were awarded graduate research fellowships by the National Science Foundation.

N.C. A&T students who won fellowships include **Patrice Cagle**, a Ph.D. student pursuing a degree in cell biology, in the area of Life Sciences-Cell Biology; **Nadine Jansen**, senior mathematics major, Mathematical Sciences; **Destenie Nock**, senior electrical engineering and applied mathematics major, Industrial Engineering; and **Daniel Oldham**, graduate student majoring in civil engineering, Civil Engineering. Cagle earned her bachelor's and master's degrees and Oldham his master's from A&T.

Three of the students matriculated at A&T for their undergraduate degrees but won the fellowship during their first year of graduate school. **Stanley Cantrell**, currently enrolled at Georgia Tech, received a fellowship in computer science/engineering. His undergraduate degree was in electrical engineering. **Emmanuel Johnson**, now enrolled at the University of Birmingham (UK), received a fellowship in computer science/engineering. His undergraduate degree was in computer engineering. **Nasya Sturdivant**, now at the University of Arkansas, received a fellowship in biomedical engineering.

Dorian Davis, a journalism and mass communication major, is president of the student government association (SGA) for 2014-15. The senior, a native of Raleigh, N.C., has served in several leadership positions since his freshman year. He most recently served as president of the Junior Class Council. **Jordan Outing** of Chesapeake, Va., won the Miss North Carolina A&T title in a run-off election, and the new Mister North Carolina A&T State University is **James Bowen III** of Ridgewood, N.C. Other SGA Executive Board members include **Taylor Coltrane**, vice president for internal affairs; **James L. Brown**, vice president for external affairs; **Kayla J. Baker**, secretary; **Gabrielle J. Gray**, treasurer; and **Me'Lia P. Covington**, attorney general.



Davis



Outing



Bowen

Inquiring Minds

N.C. A&T's top researchers get noticed

A nationally recognized pioneer in clean-energy development has been named Senior Researcher of the Year at North Carolina Agricultural and Technical State University.

Over a career of more than 25 years, Dr. Yusuf "Debo" Adewuyi has skillfully fused chemical engineering and environmental science to explore new dimensions of energy production, including the use of nanoscale materials and sound-wave technology for pollution control. Adewuyi is one of five individual researchers and one research team selected this year for N.C. A&T's highest research honor, the Research Excellence Awards.

In addition to Adewuyi, the honorees are Dr. Justin Zhan, Department of Computer Science, Outstanding Junior Researcher; Dr. Stephanie Kelly, Department of Business Education, and Dr. Lifeng Zhang, Department of Nanoengineering at the Joint School of Nanoscience and Nanoengineering, co-winners of the Rookie of the Year award; Dr. Salil Desai, Department of Industrial and Systems Engineering, Intellectual Property Award; and The NSF CREST Bioenergy Center, Interdisciplinary Team Award.

They were chosen from a field consisting of faculty members selected as researchers of the year by their colleges and schools. The winners and nominees were honored April 11, at the annual Celebration of Faculty Excellence.

By Terri W. Godwin



SENIOR RESEARCHER OF THE YEAR

The awards committee cited Adewuyi's long record of leadership in his field and a sustained high level of research activity. That productivity is particularly remarkable in a department that doesn't offer a doctoral degree, the committee noted.

A professor in the Department of Chemical, Biological and Bio Engineering, Adewuyi investigates emerging areas of energy, the environment and sustainability. His seminal 2001 paper, "Sonochemistry: Environmental Science and Engineering Applications," has been ranked in the top 1 percent in its field worldwide. It has received more than 330 Web of Science citations and 450 citations in Google Scholar.

Adewuyi is a fellow of the American Institute of Chemical Engineers and in 2013, received the institute's Eminent Chemical Engineer Award. He is a three-time Senior Researcher of the Year in the College of Engineering. He holds three patents and has more than 50 peer-reviewed publications and more than 90 refereed conference papers.

At N.C. A&T, Adewuyi has been a principal investigator or researcher on projects funded by the Department of Defense, Department of Energy, National Oceanographic and Atmospheric Administration, National Science Foundation, and U.S. Department of Agriculture.

Before joining A&T in 1994, Adewuyi worked as an engineer and researcher at Mobil Research and Development Corporation, now part of ExxonMobil, for five years. Previously, he had been a post-doctoral research fellow at the Institute for Environmental Studies at the University of Illinois Urbana-Champaign and a researcher with a joint project of Boston College and Aerodyne Corporation.

Adewuyi received his graduate degrees from the University of Iowa, a Ph.D. in chemical and biochemical engineering and M.S. in chemical and materials engineering. His B.S. degree in chemical engineering is from Ohio University.



OUTSTANDING JUNIOR RESEARCHER

Zhan's research focuses on big data, information assurance, social computing, and biomedical computing. In just three years at A&T, he has received \$1.8 million in external funding for seven research projects as a principal investigator (PI); he also has been a co-PI on six more projects valued at \$1.4 million. His funding has come from the Department of Defense, National Consortium for Data Science, National Science Foundation, and other agencies.

Zhan established ILAB, an interdisciplinary research institute with collaborators from the departments of Accounting, Bioengineering, Biology, Computer Science, Electronic and Computer Engineering, Energy and Environmental Systems, Human Development and Services, Industrial and Systems Engineering, Mathematics, Nanoengineering, Physics, and Sociology and Social Work. ILAB also has collaborators at Carnegie Mellon, Duke, Harvard, Johns Hopkins, MIT, Northwestern, Stanford, and UNC-Chapel Hill.

In 2013, Zhan was named A&T's research Rookie of the Year. Since then, he has spoken on big data and cybersecurity at the White House Big Data Workshop, was named a Distinguished Data Fellow by the National Consortium for Data Science, and received the Best Paper Award at the 2013 IEEE/ASE International Conference on Big Data.

Zhan received his doctorate in computer science from the University of Ottawa. His master's is in statistics from Syracuse University. He received his bachelor's degree in engineering from Liaoning University of Engineering and Technology in China.



ROOKIES OF THE YEAR

Kelly's research studies interpersonal influence and measurement—how messages effect receiver motivation, information-seeking and learning in such relationships as physician-patient, teacher-student, and supervisor-subordinate.

She is also interested in the pedagogy of teaching research. Kelly has organized interdisciplinary undergraduate research teams, two of which looked at communications training in the School of Business and Economics. Their case studies led to a transition of the school's Writing Assistance Center into a Business Communication Center that assists students with both written and oral communication.

Since coming to A&T, Kelly has had 13 publications accepted. Her work appears in such Tier 1 journals as the International Journal of Business Communication and the Journal of Research in Business Education.

Kelly received her doctorate in communication and information from the University of Tennessee. Her master's in organizational communication and bachelor's in mathematics are from Murray State University.

Zhang is an assistant professor of nanoengineering at the Joint School of Nanoscience and Nanoengineering. His research focuses on engineered materials at the nanometer scale. He has developed advanced nanomaterials for ballistic protection, energy conversion and storage, and a variety biomedical applications, including antimicrobial fabrics, controllable drug release and scaffolds for tissue engineering.

As a researcher at JSNN, Zhang has published five peer-reviewed journal articles, given five invited talks at national and international events, and submitted six invention disclosures and two patent applications. In 2013, he received the university's Intellectual Property Award. He also coordinated an academic exchange agreement between A&T and Xi'an Jiaotong University, one of the top universities in China.

Zhang holds a doctorate in fiber and polymer science and engineering from the University of California at Davis. He received his master's in polymer materials science and engineering from the Beijing Institute of Technology and his bachelor's degree in the same discipline from Xi'an Jiaotong University.



INTELLECTUAL PROPERTY AWARD

Desai is the director of the Integrated Nano and Bio Manufacturing Laboratory. He also serves as an affiliate faculty member of the Joint School of Nanoscience and Nanoengineering and as an adjunct associate professor with the Wake Forest University Institute for Regenerative Medicine, Wake Forest University Medical School.

Desai, a researcher who has generated patent applications and innovation disclosures, has successfully taken the next step of working with a broad range of partners to put his technology to use in a variety of applications. His research interests include hybrid nano/micro and bio manufacturing, tissue engineering and drug delivery, and multiscale and multiphysics modeling.

Those interests come together in Desai's drive to translate basic research into new technology. He has turned his direct-write process, capable of depositing droplets ranging from nano- to micro-scale based on laser modulation, into a nano/micro manufacturing process for which he has received a patent in 2013. He is working with the Office of Technology Transfer to commercialize the technology and has received interest from start-ups and venture capitalists.

Desai has applied his direct-write technology to apply coatings for cardiovascular and thoracic devices being developed by the NSF Engineering Center for Revolutionizing Metallic Biomaterials. He also has developed innovative processes for the fabrication of biomimetic tissue engineering scaffolds and drug-delivery carriers.

He is working with Wake Forest University on biomedical applications for the technology, including the development of a novel bio-printer that builds regenerative skin tissue. That work is being conducted with MicroFab Technologies Inc. and the U.S. Army Medical Command. He also is working with NanoTechLabs of Yadkinville to apply the technology to the manufacture of thin-film transistors for aerospace systems.

Desai received his doctorate and master's in industrial engineering from the University of Pittsburgh. He received his bachelor's degree in mechanical engineering from the University of Mumbai in India.

In quiring Minds



INTERDISCIPLINARY TEAM AWARD

The NSF CREST Bioenergy Center is making biomass a more viable source of renewable energy by developing the basic science and technology that will make energy conversions more efficient and costs more affordable. Its team is drawn from eight departments in four colleges and schools.

It conducts fundamental research toward the development of advanced thermochemical biomass conversion technology for the efficient, economic production of liquid transportation fuels and hydrogen.

Its research is divided into three thrust areas.

Thrust Area I deals with gasification of biomass (lignocelluloses). Thrust Area II is directed toward developing specific catalytic materials and processes for clean biofuels (alkanes and alcohols) and for hydrogen production with industrial applications. Thrust Area III is geared toward fuel processing and reforming technologies for hydrogen production and separation as H₂-fuel.

A cross-cutting economics research initiative also is included.

The center provides education and training in bioenergy for undergraduates and graduate students. Opportunities are available for students with backgrounds in biological engineering, chemical engineering, chemistry, economics, math and related fields.

The center's funding is provided a National Science Foundation grant of \$5 million over five years.

THE CENTER'S LEADERS:

Dr. Abolghasem Shahbazi, center director and director of the N.C. A&T Biological Engineering Program

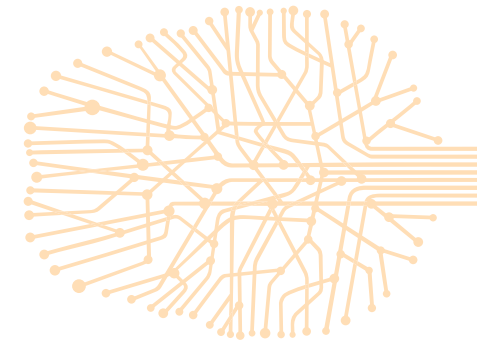
Dr. Debasish Kuila, Thrust II director, professor of chemistry and research director

Dr. Lijun Wang, Thrust I director, associate professor of biological engineering

Dr. Shamsuddin Ilias, Thrust III director, research professor of chemical and bioengineering

Dr. Keith Schimmel, education director, associate professor of chemical engineering and chair of the Department of Energy and Environmental Systems

Dr. Lyubov Kurkalova, economic analysis leader, associate professor of economics



Big Business *with* Big Data

Data science, social computing and cyber security drive research

By Tiffany S. Jones '03

For the second consecutive year, computer science professor Dr. Justin Zahn has been named to the list of North Carolina A&T State University Research Excellence Awards.

Zahn has been on the faculty for three years and has interests in the research areas of data science, social computing and cyber security.

In 2013, Zahn earned Rookie of the Year honors and was awarded the Outstanding Junior Researcher of the Year, this year. His research focuses primarily on big data, biomedical computing, social computing and information assurance.

"I have done the Ph.D. thesis on cyber security. I have been working on this area for more than 10 years," he said. "Cyber security is a critical area for any IT related business."

In his research, Zahn and his counterparts have developed a number of algorithms in privacy-preserving computing that can be applied to different areas in healthcare.

"Another important research area that I am doing is data science," he said. "Data has become the central driving force of key discoveries in science, informed governance, insight into society and economic growth in the 21st century."

Zahn says abundant data is a direct result of innovations including the internet, faster computer processors, cheap storage and the proliferation of sensors.

"Abundant data has the potential to increase business productivity and enable scientific discovery," he said.

To continue his research, Zahn has been organizing interdisciplinary teams to write research funding proposals, supervise doctorate, master's and undergraduate level research.



While at A&T, Zahn has established an interdisciplinary research institute, ILAB, with collaborators from the departments of accounting, bioengineering, biology, computer science, electronic and computer engineering, energy and environmental systems, human development and services, industrial and systems engineering, mathematics, nanoengineering, physics as well as sociology and social work.

ILAB also has collaborators at Carnegie Mellon, Duke, Harvard, Johns Hopkins, Northwestern and Stanford universities as well as the Massachusetts Institute of Technology and UNC-Chapel Hill.

In the year since being named Rookie of the Year, he has given a speech on big data and cybersecurity at the White House Big Data Workshop, has been named a Distinguished Data Fellow by the National Consortium for Data Science and received the Best Paper Award at the 2013 IEEE/ASE International Conference on Big Data.

In just three years, he has received nearly \$2 million in funding for seven research projects from the Department of Defense, National Consortium for Data Science, National Science Foundation, and other agencies. He has also been the co-principal investigator for six more valued at \$1.4 million.

More than **Words**

Teaching students the business of **communicating**

By Tiffany S. Jones '03

Though communication is a vital piece of every business, it is still regarded as a "soft skill" in the business world and it shouldn't be, said Dr. Stephanie Kelly, assistant professor of business communication in the School of Business and Economics.

"None of us are as effective at communication as we think we are," she said.

Kelly is the director of the Business Communication Center. She teaches students to become more effective communicators through exercises that show that there is a disconnect between the people on the sending and receiving end of messages.

"One of the first activities I do with the class is a PowerPoint presentation of emails that I've collected from other professors of email messages that they get at least once per semester that makes them do an immediate face palm," Kelly said.

The messages range from questions about classes when there is rain to asking for extensions on assignments they did not know about that were listed in the syllabus.

"One of the things that I've noticed about this generation is when they think of a question, they send it immediately," she said. "After the exercise, I notice that they now hesitate long enough to figure out how much of the information can they find out themselves."

Exercises like that help the students refine their communication so that they as communicators can understand and hopefully be understood better. That is communication science.

"What I say may not be what you understood. There are a lot of philosophical questions when it comes to communication," Kelly said. "Whose job is it to make sure the message was clearly understood?"

Kelly is working hard to answer some of those questions. In fact, her work on the subject has netted her co-Rookie of the Year honors from the Division of Research and Economic Development.

She received her doctorate in communication and information from the University of Tennessee at Knoxville, her master's in organizational communication and her bachelor's in mathematics from Murray State University. Her background is in biomathematics. After working in the field of mathematics research, she learned that was not what she wanted to do and took communications courses at the urgency of a former professor.



Two degrees later, Kelly has been published more than 20 times in various research journals at a time in her career where she would be expected to have seven or eight. She is also continuing her work on the mediation of perception.

"It's the next step of processing who I am and what I know about you," said. "I focus on how well a person can project what they're saying rather than what they say."

According to Kelly, there aren't a lot of people who study social cognition because of the difficulty of social science research and behavioral research.

"It takes a lot of time and resources that a lot of people don't have," she said.

Kelly does have the time and continues to work to find the resources for her research. Her career aspiration is to develop a theory of immediacy that will explain, context-free, psychological distance reduction. That is step that comes between communicating a message and receiving a message. That will help with doctor/patient, teacher/student and manager/employee communication.

"The more truthful and transparent we can be, the more info we seek. The more info they give the more questions we will ask," Kelly said. "The better we come to understand how to reduce the psychological distance, the more comfortable you will be talking to people and that can save a person's life."

Zoning Out



UNC Board of Governors Award for Excellence in Teaching winner draws students out of their comfort zones

By Tiffany S. Jones '03

After working in the corporate structure for about eight years, Dr. Angela Miles made the decision to pursue her Ph.D.

"I liked my corporate company and I thought it was a good place to work," she said. "The managers, though, were not leaders. We were in a reactionary mode and I could see the decisions people made were bad."

Since 2003, Miles has been working with her students at North Carolina A&T State University to help them be leaders before they start work at their first corporate job. Earlier this year, Miles was named as a UNC Board of Governors Award for Excellence in Teaching winner. She was first selected by the committee in the School of Business and Economics and then sent to the university committee for approval.

"To get there is a lot of preparation, planning, time and commitment, development, training, a lot of encouragement and growth," Miles said.

Prior to earning her Ph.D., Miles earned an M.B.A. in finance and worked in the banking, telecommunications and auto industries. These diverse experiences help her better explain workplace scenarios to students and they seem to receive it better, she said.

"I've had the experiences and stories that I can weave those into the discussion. They really help to explain theory," she said. "Theory is often hard to explain unless you have something tangible to help."

A great thing about the students hearing about Miles' experiences is they have an opportunity to put the concepts into practice right away.

"Once they see it, they will go and apply it to their current places of employment. And now that they know what to look for, they can put those theories into practice," she said.

In 11 years, Miles has had quite a few students on the undergraduate and graduate levels. While technology and times have changed, the issues students face nor the values she teaches have not.

"They still have financial hardships and trouble with certain classes," she said. "And I still want to help them develop their confidence."

To do that, Miles makes it a point to pull her students out of their comfort zones.

"That's a way you can grow. It's so rewarding to see them grow," she said. "I don't ever lower my expectations for them."

In an effort to help her students continue their growth, Miles is the faculty advisor to the N.C. A&T Society for Human Resource Management, an organization dedicated to helping get students prepared for careers in human resources.

"I've tried to make it an extension of their courses and get the students involved in activities in the professional community," she said. "We've been able to do site visits, help identify jobs and internships, we've been to conferences. Our students are taking national certification tests and have participated in CASE competitions."

Moving forward, Miles knows that there are holes relevant to content that she wants to fill through research and alumni engagement with the students.

Miles makes it a point to pull her students out of their comfort zones

"I would like for the alums to share with us the skill set they believe can still be developed in our students," she said. "I would like to see them pay it forward, come back into the classrooms and be a mentor and a role model for the students."

"Sometimes, as a professor, you can tell students something, but having it reinforced by an alumnus is priceless. A&T needs their help in funding and engagement."

Miles teaches human resource management and organizational behavior, serves as the program leader for the human resource management concentration in the Master of Business Administration (M.B.A.) degree program, and is the advisor for the N.C. A&T Society for Human Resource Management (SHRM). She holds a Ph.D. from Florida State University, M.B.A. from the University of Wisconsin-Madison and a B.A. from the University of Virginia, as well as Senior Professional in Human Resources (SPHR) certification and the Associate Risk Management (ARM) designation.



DEEP ROOTS

First recipient of service award is rooted in the community

By Tiffany S. Jones '03

When Dr. Jerono Rotich found out she had won North Carolina A&T State University's Community Engagement Award for Community Engaged Scholarship and Service, she didn't think it was a big deal—at first.

"I got the program and I was all over the first page," she said.

The award was given in recognition of Rotich's commitment to service in her community her in Greensboro and the global community.

According to Dr. Paul Ankomah, a professor in the Department of Human Performance and Leisure Studies who nominated Rotich for the award, "she is a highly committed and competent individual who has great talents and a desire to use her skills and expertise to benefit the greater community. She devotes her time and energy well beyond the regular demands and is very patient, passionate and persistent in community engagement. Her work is of the highest quality and her personality gives her the capacity to draw others so that they maximize the values from her work. ... She incorporates community engagement and diversity activities and opportunities in her courses because she recognizes the need to prepare students to serve a diverse clientele in a global society."

"I grew up in a humble background in Kenya. My father earned \$20 per month," she said. "I was the first in my village to leave for the United States. My community invested so much in me to come to the U.S. and I wouldn't be here without the support of the community."

Rotich joined the faculty at N.C. A&T in the School of Education, Department of Human Performance and Leisure Studies, after earning her Ph.D. at UNCG. She teaches nine credit hours in the areas of health and safety, fitness, field experience, strength and conditioning, fitness and aging as well as a global understanding course that partners the students with other students in China and Senegal.

"I want the students to have a global awareness. I want them to leave here prepared to function in any environment," she said. "I've brought in certification programs, sent students to conferences and some of them have facilitated workshops. I want them to get out of here prepared."

Part of that preparation is to instill in her students the importance of community engagement. That's a major component of her field experience class and the students she advises in the honor society, Phi Epsilon Kappa.

"Through the first aid class, they have collected donations and supplies to take to the homeless shelters," Rotich said. "I encourage them to give back."

As a way of relating to her students and letting them know there is always someone there who understands, she shares some of the struggles she faced. From being raped to being in an abusive marriage, Rotich shares any aspect of her life that will help her students.

"I come here at eight o'clock and all I want to do is help students. I care about the students," she said. "I have a prayer that I say, 'God help me to change one person today.'"

In addition to teaching, Rotich works with several outlets to effect change in as many people as she can. She sits on the board of directors for Faith Action International, North Carolina African Services Coalition, African Diaspora Commission of North Carolina and Kenya Scholars & Studies Association, is a commissioner on the Commission of the Status of Women, and serves as the vice chair for Gotabgaa International Foundation, among others.

Rotich also volunteers for National Language Resource Centers as a translator, helping immigrants when they go to the doctor and assisting with cultural trainings with healthcare providers.

"This country opened its hands and gave me citizenship. It gave me a safe haven. This is my way of giving back," she said.

Health Check



"Just-in-time" interventions leads to improved healthcare

By Tiffany S. Jones '03

After about two years with North Carolina A&T State University, Dr. Mohd Anwar's research is proving to be innovative in medical treatment and healthcare.

Anwar is an assistant professor of computer science in the College of Engineering and director of the Secure and Usable Social Media and Networks (SUSMan) laboratory, which conducts research on a diverse set of topics related to usable security and privacy in online social media, Cloud and mobile platforms, health information management and mHealth, the usage of mobile information and communication technologies for healthcare and public health. His research interests are in the areas of cyber security, social computing and mHealth.

His work contributes to "just-in-time" intervention and evidence-based treatment for improved healthcare.

"It will make healthcare more accessible and patient-centric and empower citizens to maintain good health and manage their chronic conditions," he said.

Anwar was the co-chair for this year's Workshop on Issues and Challenges in Social Computing in San Francisco in August. The aim of the workshop is to discuss and exchange ideas on the opportunities and challenges in social computing systems as they relate to healthcare and public health.

He spoke about mobile intervention and how it can improve food intake behavior for people with a special focus on addressing health disparities.

"It will empower citizens to maintain good health and manage their chronic conditions," he said.

Some of Anwar's students are even assisting with his research.

"Since I came to N.C. A&T and established the lab, graduate and undergraduate students have been working under my supervision to explore different research problems in mHealth space."

Anwar's research all works together as security in healthcare is a major issue. Social computing can offer excellent means to provide needed social support to patients and community support to care providers.

"mHealth is making some baby steps. We, the mHealth research community, are merely scratching the surface," he said. "It has so much to offer. It will offer tools that everyone will need."

With these tools come great opportunity and significant challenges that Anwar and his counterparts will continue to explore and address through interdisciplinary research with methods from computer and social sciences.

"I am invested in exploring how technological advances in personal mobile technologies can change the way we do health interventions," he said. "My research collaborators include healthcare and public health researchers and social scientists."

Above *the* Status Quo

The Graduate School aims for excellence through innovation

By Tiffany S. Jones '03



With North Carolina A&T State University constituents primarily focused on fulfilling Preeminence 2020, operations in The Graduate School are business as usual.

“We documented our operational enhancement and submitted it to the Council of Historically Black Graduate Schools (CHBGS),” said Dr. Dean Campbell, the assistant dean for academic services.

The Graduate School received the Educational Testing Service (ETS) Award for Excellence and Innovation in Graduate Admissions. The award exists to encourage, recognize and reward excellence and innovation in domestic and international graduate admissions at both the graduate school and program level. Applications may relate to any facet of the admissions process.

“Our approach is we want to help you,” Dr. Sanjiv Sarin, dean, said. “There are some things we cannot do, but if you need help we are going to move everything we can to help you.”

Goal 6 of the university’s strategic plan, A&T Preeminence 2020, is to achieve excellence in academic and operational effectiveness and efficiency. The personnel in the graduate school have committed themselves to doing just that for prospective students. In fact, that commitment extends beyond the admissions process.

At this time, Sarin is working with the Division of University Advancement to raise funds for students who are pursuing their master’s and doctoral degrees as well as post graduate certificates. The purpose is to attract some of the world’s best students to the school’s more than 50 programs and to retain the ones who are already enrolled.

That will take money, he said.

“Having high-quality students changes everything. It provides mentors for the undergraduate students, enhances the quality of life for the instructors and creates ambassadors for the university all over the world,” Sarin said.

N.C. A&T director of annual giving, Carletta Simmons, agrees and says these students are worth the investment.

“The students in these advanced programs have already completed their undergraduate studies and their need for funding has increased,” she said.

Though The Graduate School boasts programs that are consistently ranked nationally and has recently added new Ph.D. programs in rehabilitation counseling, counselor education and computer science, as well as a master’s in agricultural and environmental systems, competition for those students is at an all-time high.

“We want the best and brightest students to be able to afford to come here,” Simmons said. “A gift for The Graduate School supports the excellence of the mission and programs within the school.”

Campbell agrees and says that those gifts extend beyond the classrooms and labs on campus.

“There’s a multiplier effect. When a dollar comes to a graduate school, there’s an economic return that comes with support to full-time students,” he said. “They live here, pay rent, buy groceries and things like that and it multiplies for the local economy.”

At this time, Sarin and other Graduate School personnel are seeking outside funding to cover student scholarships, research fellowships, workshops and other learning opportunities. In the past, The Graduate School relied on government funding and gifts from some alumni.

“Grants come with stipulations and you have to use those monies for very specific reasons,” Sarin said. “Unrestricted funds would allow us to divert monies as necessary.”

To continue making strides in The Graduate School and to meet the goals and expectations of Preeminence 2020, Sarin and his colleagues are looking to begin and foster relationships with new external donors, alumni and anyone committed to the success of the school and university.

“We have a constant need for enhancing our intellectual climate so we are looking for engagement of all kinds—mentorship, job opportunities, financial support,” Sarin said. “A donation as small as \$50 to submit an abstract or \$100 to pay for a hotel for a student to go and present a paper for a conference goes a long way.”

A letter was sent to previous donors and alumni in March not only to explain that alumni can maximize their gifts by taking advantage of corporate gift matching opportunities but to get some idea about where the alumni are now.

“We want a full relationship with them,” Sarin said.

If you wish to give to The Graduate School at A&T, visit www.ncat.edu, click “Give to A&T” and go to “Online Giving.” There is also an option to donate via phone by calling 336-334-7600 or toll free 888-248-2821.

aggie athletics

By Brian M. Holloway '97

Aggies Celebrate Successes at Annual Banquet



Left to right: Chancellor Harold L. Martin Sr., Athletes of the Year Emily Strombeck (bowling) and Luke Tandler (baseball), and Athletics Director Earl Hilton

The North Carolina A&T Athletics Department came together for an evening of celebration, recognition and memories at its annual All-Sports Banquet, April 28 at the Alumni Foundation Center.

Student-athletes from every team along with coaches, administration, staff, alumni and special guests united for an evening of academic and athletic excellence.

Each program presented team awards and the athletics department revealed the players of the year.

The Female Athlete of the Year award went to sophomore Emily Strombeck of the bowling team. Strombeck made history by receiving the program's first All-American honor and was named the 2014 MEAC Bowler of the Year, another first for the program. Her teammate, freshman Kristin Shinn, was named Female Rookie of the Year. Shinn was a second-team All-MEAC selection and had an impressive rookie campaign under fifth-year head coach James Williams, MEAC Bowling Coach of the Year.

2013-14 Individual and Team Honors

Female Athlete of the Year
Emily Strombeck, *Bowling*

Male Athlete of the Year
Luke Tandler, *Baseball*

Senior Male Athlete of the Year
Luke Tandler, *Baseball*

Senior Female Athlete of the Year
Tracy King, *Women's Basketball*

Male Rookie of the Year
Tarik Cohen, *Football*

Freshman Rookie of the Year
Kristin Shinn, *Bowling*

Aggie Athletic Foundation Award
Erika Eisenman, *Swimming*

N.C. A&T Sports Hall of Fame Award
Luke Tandler, *Baseball*

Highest Team GPA
Bowling

Academic Athletes (4.0 GPA)
Dorian Claggett, *Men's Track & Field*
Kyle Clary, *Baseball*
Liz Martino, *Volleyball*
Dasia Moore, *Softball*

Football MVP
D'Vonte Grant

Football Defensive Player of the Year
D'Vonte Graham

Football Most Outstanding Defensive Player of the Year
Travis Crosby

Football Most Outstanding Offensive Player of the Year
Tarik Cohen

Football Aggie Award
Isaiah Martin

Football Lineman of the Year
Nathan Isles

Volleyball MVP
Aleena McDaniel

Volleyball Most Improved
Te'Borah Hawkins-Hollingsworth

Aggie Pride Award
Chelsea Fox, *Cheerleading*

Spirit Squad Most Valuable Performer
Quanetra Respass

Rookie Spirit Squad Member of the Year
Brittany Pegram

Most Improved Cheerleader
Brittany Poole

Tracy King, women's basketball team, was named Senior Female Athlete of the Year. King, who was one of the team captains, guided the Aggies to another remarkable year by leading the team in scoring (13.0), steals (84) and three-point field goal percentage (35.5). She became the 14th player in school history to score over 1,000 points and was a second-team All-MEAC selection. She finished the season ranked 11th in the nation in steals (2.7).

Baseball senior Luke Tandler had a huge night. He took home the highest honor on the men's side, earning Male Athlete of the Year. He also received the prestigious North Carolina A&T Sports Hall of Fame award along with being named Senior Male Athlete of the Year. Tandler had a .352 career batting average and was named a Louisville Slugger All-American as a freshman and a third-team All-American as a junior. He also was named the No. 2 MEAC prospect for the 2014 MLB Draft by Baseball America.

Freshman Tarik Cohen of the football team was selected as the Male Rookie of the Year. Cohen sizzled in his first season as he garnered several well-deserved awards. He was named the MEAC Rookie of the Year after becoming the first freshman in school history to rush for more than 1,000 yards in a season, and he led the conference in rushing, racking up 102.3 yards a game. Cohen finished ninth for the Jerry Rice Award, given to the FCS's best rookie.

In addition to outstanding athletic performances, A&T also recognized the academic successes of student-athletes, including those who earned a 3.0 grade point average (GPA) for the year and the four student-athletes who earned a cumulative 4.0 GPA.

Men's track and field athlete Dorian Claggett, volleyball player Liz Martino, softball player Dasia Moore and baseball player Kyle Clary were named Academic Athletes of the Year for their 4.0 grade point averages.

The Aggies had much to celebrate as they kicked off the 2013 fall season strong in several sports. The football team led the nation in rush defense, volleyball team made its first appearance in the MEAC Tournament since 2007, and the men's and women's cross country teams continued to improve as the men finished third at the conference meet.

The bowling team made history with its first appearance in the national rankings and peaked to 13th at the end of the season. The women's basketball program notched its seventh 20-plus-win season and made its second consecutive appearance in the postseason WNIT.

Men's basketball, indoor and outdoor men's and women's track and field programs, swimming, tennis, softball and baseball programs all made great strides in their respective seasons.

2014 FOOTBALL

Coach Selected for Elite WBCA Training Program

North Carolina A&T women's basketball coach Tarrell Robinson has been selected to participate in The Center for Coaching Excellence, presented by the Women's Basketball Coaches Association in partnership with Columbia University Athletics, set to take place June 9-11 in New York City.

The two-and-one-half-day elite intensive training program, which is by invitation only, is designed to provide women's basketball coaches with comprehensive leadership development. The Center for Coaching Excellence will introduce coaches to various aspects of leadership and provide a deeper understanding and appreciation of the importance of ethics and integrity in women's basketball.

The center combines extensive self-reflection and awareness and organized instruction from a renowned executive coach, with the added benefit of great presentations from some of the most established names in college athletics. After going through the process of identifying personal strengths and weaknesses, coaches will leave with an increased confidence in their ability to take on the challenges of coaching. Implementation of this new knowledge by other coaches and attendees will foster a culture inclusive of high integrity, rich ethics and professionalism.

Robinson is 46-17 in two seasons as A&T's head coach. He led the Aggies to their second straight 20-win season, which also led the team to its second consecutive WNIT appearance this past March. A&T was the 2013-14 MEAC runner-up, finishing with a 13-3 league record.

Founded in 1981, the Women's Basketball Coaches Association promotes women's basketball by unifying coaches at all levels to develop a reputable identity for the sport and to foster and promote the development of the game as a sport for women and girls. For more information on the WBCA, please visit WBCA.org.

Aggies Hire Assistant Coach

North Carolina A&T head women's basketball coach Tarrell Robinson has announced the hiring of Jessica Smith has been hired as an assistant women's basketball coach.

"I'm really excited about adding Jessica to the program," said Tarrell Robinson, head women's basketball coach. "What really stuck out to me was her collegiate career at Iona under coach Anthony Bozzella who is now the head coach at Seton Hall. He's a detail-oriented coach and is really about his craft, which shows through Jessica."

Smith, who will work with the Aggie post players, brings a vast amount of both playing and coaching experience. She spent the last two seasons at Texas A&M University-Kingsville as an assistant coach. During the 2013-14 season she was promoted to interim head coach and achieved a .500 record. Her other duties included scouting, skill development, recruiting, budgeting, academic advisement, travel, and scheduling.



Smith

"I think the school and campus are really special with the family-style atmosphere. It's not just with women's basketball; it's with the whole campus. I love the 'Aggie Pride' that I've run into everywhere. I'm excited to be a part of everything and the championship-style program that coach Robinson has been building here."

Smith also had stints at Point Guard College as a site coordinator and basketball instructor and was a graduate assistant at the University of the Incarnate World. She spent two years overseas as a player and head coach of the Horses' Basketball Club (women and junior girls).

She is a 2008 graduate of Iona College in New Rochelle, N.Y., and received a degree in secondary education. Smith completed her master's degree in special education at Texas A&M University-Kingsville in 2012.

Men's Tennis Makes a Comeback

After a nine-year absence, men's tennis is back at North Carolina A&T State University.

On May 1, head tennis coach Bruce Myers announced the first signings of men's tennis players since 2005.

"I was asked by our athletics director (Earl M. Hilton III) to field a men's tennis team that would compete in the MEAC," said Myers. "I believe our signings today will not only allow us to be competitive for the 2014-15 season, but will allow us to surprise conference opponents."

Dreshaun Jarmon of Philadelphia, Pa. (William Penn Chapter High School), John W. Wilson IV of Red Oak, Texas (Red Oak High School), Kyle Scott of Greensboro, N.C. (Northwest Guilford High School) and Brett Caban of Drexel Hill, Pa. (Upper Darby High School), is the historic class that will usher in the return.

Jarmon is slated to be the Aggies No. 1 player in the fall. He has wins over two-star players and he made it the finals of the ESCS Amateur B18s Tennis Classic finals.

Wilson is a two-star standout with four wins over three-star players. He is the captain and No. 1 player on his varsity tennis team. MVP honors have come Wilson's way for two consecutive years, and he made history when he became the first state qualifier from Red Oak High School. He eventually went on to win the first of three straight district championships.

Wilson has been a USTA Texas Super Champ since age 11, and he has been ranked as high as 20th in the state of Texas. In doubles, he has reached the finals twice at USTA regional tournaments. Outside of tennis, Wilson is on the debate team, student council and National Honor Society, and he is in the top seven percent of his graduating class.

Scott is a one-star player with wins over two-star opponents. He played No. 2 singles at Northwest Guilford where he earned all-conference honors and advanced to the regionals.

Caban was recruited to A&T during Myers' evaluation of Jarmon. He has wins over one- and two-star players and was rated in the top-50 among Pennsylvania players.



AUG. 31 - ALABAMA A&M
Orlando, Fla., 11:45 a.m.
MEAC/SWAC Challenge

SEPT. 6 - COASTAL CAROLINA
Aggie Stadium, 6 p.m.
Hall of Fame Game

SEPT. 13 - ELON
Elon, N.C., 6 p.m.

SEPT. 20 - CHOWAN
Aggie Stadium, 6 p.m.

SEPT. 27 - HOWARD *
Washington, D.C., 1 p.m.

OCT. 4 - S.C. STATE *
Atlanta, Ga., 3:30 p.m.
Atlanta Football Classic

OCT. 11 - HAMPTON *
Aggie Stadium, 1 p.m.

OCT. 18 - DELAWARE STATE *
Dover, Del., 2 p.m.

OCT. 25 - FLORIDA A&M *
Aggie Stadium, 1 p.m.
Homecoming

NOV. 8 - MORGAN STATE *
Aggie Stadium, 1 p.m.
Senior Day

NOV. 15 - SAVANNAH STATE *
Savannah, Ga., 2 p.m.

NOV. 22 - N.C. CENTRAL
Durham, N.C., 2 p.m.

* Conference game

alumni news

AGGIES ON THE MOVE

1960s



The National Association of Black Journalists (NABJ) Board of Directors chose **Sandra D. Hughes '69**, former anchor of WFMY-TV in Greensboro, N.C., as the recipient of its 2014

Chuck Stone Lifetime Achievement Award, the organization's highest honor. Hughes is an award-winning journalist and the first African American to host a PM Magazine show in the Southeast Region and the first African American woman to host her own talk show in North Carolina.

The annual award is bestowed on a journalist whose lifetime body of work has had a positive and long-lasting impact on the journalism profession. Hughes was honored along with other honorees at NABJ's Salute to Excellence Gala during the 39th annual convention and career fair in Boston, Aug. 2.

Hughes started her career at WFMY in 1972 as a general assignment reporter. She then hosted her own talk show, "Sandra and Friends." A few years later, she co-hosted PM Magazine. She traveled the world and shared stories that tackled issues and introduced viewers to different cultures. In 1990, she became anchor of WFMY's 6 p.m. news broadcast. Hughes retired from WFMY's anchor chair in 2010 but is still working. She is now a professor at N.C. A&T teaching journalism courses.

1970s

Janice Bryant Howroyd is featured in the February issue of Black Enterprise as the first African American woman to own and operate a billion-dollar company. Howroyd is chairman and CEO of the Act•One Group, a global leader in the staffing and human resources industry. According to Black Enterprise, in 2013, the company was the largest black and woman owned business in the United States and earned \$1.9 billion in revenues in 2012. Act•One Group consists of Agile•One Workforce Solutions, AppleOne Staffing and Business Services Solutions.



Dr. Harold L. Martin Sr. '74, chancellor of North Carolina A&T State University, has been chosen for the National Black College Alumni Hall of Fame's 2014 Class of Honorees in the category of education. In 2009, Martin became the first alumnus appointed as chancellor of North Carolina A&T State University. Since

becoming chancellor, he has provided visionary leadership at the university. Prior to his current role, Martin served as senior vice president for academic affairs at The University of North Carolina, General Administration (2006-09), chancellor at Winston-Salem State University (2000-06) and various faculty and administrative positions at N.C. A&T.

Martin, along with A&T alumnus **Dr. Haywood L. Brown '74** (medicine) and nine others will be inducted Sept. 26, during the 29th Annual NBCA Hall of Fame Alumni Weekend in Atlanta, Ga.



Demetria Tucker '72, senior family and youth librarian at the Pearl Bailey Branch Library in Newport News, Va., received the University of North Carolina at Chapel Hill School of Information and Library Science (SILS) Distinguished Alumna Award for 2014 at the school's commencement ceremony on May 11. Tucker, who was recommended for the award

through nominations by her fellow alumni and was then selected by the SILS Alumni Association (SILSAA) Executive Board, also delivered the commencement address.

In November 2013, Tucker was honored at the White House with the 2013 National Arts and Humanities Youth Program Award for her work with the Pearl Bailey Library Youth Program. The award is the highest honor for out-of-school arts and humanities programs that celebrate the creativity of America's young people, particularly those from underserved communities. In the same year, she was also honored by the Newport News City Council with a lifetime achievement award and was also the recipient of the 2013 Coretta Scott King - Virginia Hamilton Award for Lifetime Achievement.

Floyd Weatherspoon '74, professor of law and associate dean for alternative dispute resolution programs at Capital University Law School, was elected to the board of directors for the American Arbitration Association (AAA) at its annual meeting in San Francisco. AAA is the world's leading provider of conflict management and dispute resolution services. Weatherspoon has served as a neutral in complex commercial, labor and employment disputes for more than 30 years.

1980s



Dr. Harriet Frink Davis '87 is the vice chancellor for institutional advancement at North Carolina Central University. Davis has more than 25 years of experience as a higher education

administrator and demonstrated success as a fundraiser. Prior to this appointment, she was associate vice chancellor for development and director of the campaign at Fayetteville State University. Davis also has worked at Hampton University as assistant vice president for corporate relations and in a variety of leadership positions in the Division of Institutional Advancement and University Relations at N.C. A&T. Davis is a graduate of the Management Development Program at Harvard University and earned her bachelor's, master's and doctorate from A&T.

IN MEMORIAM

ALUMNI 2014

John E. Davis '72, Henderson, N.C., June 28
Tammy Alexander Fuller '87, Chamblee, Ga., Aug. 9
Korylee Michael Harrelson '13, Greensboro, N.C., March 29
Jeffrey Linneal Ingram '89, Winston-Salem, N.C., March 29
Robert Jefferies '50, Jan. 26
Edward V. Kluttz '68, March 16
Lawrence Earl Moore Jr. '13, Raleigh, N.C., April 17
Sharlene Denise Morrison '82, Brooklyn, N.Y., Feb. 21

STUDENTS, EMPLOYEES AND OTHERS

Jermame Darnell Clark, sophomore student-athlete, Winston-Salem, N.C., May 4
Classie R. Faulkner, senior psychology major, Semora, N.C., March 22
Jasmine Shanice Goins, sophomore (undeclared major), Charlotte, N.C., Feb. 22
Jasmin Grady, sophomore social work major, Wilmington, N.C., July 13
Susan Houghton Ph.D., associate professor, School of Business and Economics, July 22

2000s



Dr. Edem G. Tetteh '03 has been appointed interim dean of academic affairs at Potomac State College of West Virginia University. In

this position, he will provide leadership for academic program planning and development, educational policy, program assessment, faculty evaluation and development, and exercise overall supervision of all administrative, professional and support staff in the absence of the president.

Tetteh previously served as assistant vice president for academic affairs and associate professor of math, sciences and technology at Paine College in Augusta, Ga. Prior to that position, he served for three years at Virginia State University in Petersburg, Va., as an assistant professor of industrial and logistics technology and acting graduate program coordinator for the career and technical studies-project management concentration.

Tetteh earned a bachelor's degree in manufacturing systems and a master's degree in industrial engineering from N.C. A&T, and a doctorate in technology from Purdue University. He also holds professional certifications and received an Honorable Discharge from the U.S. Navy Reserve.

Nafeesha Irby '09 has been named executive director of Teach For America-North Carolina Piedmont Triad. A former special education teacher at West Charlotte High School, Irby is responsible for overseeing daily regional operations, building school, parent and community partnerships, and cultivating private, public and foundation support. This summer, Irby led the organization's third regional chapter in the state, Teach For America-North Carolina Piedmont Triad, through a partnership with Guilford County Schools.

Irby first joined Teach For America as a corps member in 2009. After teaching special education she went on to join Teach For America staff as an instructional coach, where she trained and supported early career teachers in Granville, Vance and Warren counties. She then earned a master's degree in school administration from the Northeast Leadership Academy at North Carolina State University. During this time, she served as principal intern at G.C. Hawley Middle School in Creedmoor, N.C. Irby also serves as board chairwoman for The Collective-Eastern North Carolina, Teach For America's association for alumni of color in the region.

Teach For America recruits, trains, and develops recent college graduates and career-changers to teach in high-need public schools and become lifelong leaders in the pursuit of educational equity.

2010s



Dr. Everett B. Ward was appointed interim president of St. Augustine's University in April. Prior to this appointment, Ward had a 21-year career at the North Carolina Department of Transportation where he served as director of the Historically Black Colleges and Universities and Minority Institutions of Higher Education Program.

He received his Ph.D. in leadership studies from N.C. A&T in 2013.

Targeting Business

N.C. A&T stands out as a leader in entrepreneurship through innovation



By Tiffany S. Jones '03

In March, North Carolina A&T State University joined representatives from 14 other historically black colleges and universities in participating in the HBCU Innovation and Entrepreneurship Collaborative Symposium.

"The United Negro College Fund (UNCF) and the Association of Public and Land-Grant Universities (APLGU) got together and decided that there was synergy between the top flight HBCUs and that there was a lesson to be learned in Silicon Valley," said Wayne Szafranski, assistant vice chancellor for outreach and economic development in the Division of Research and Economic Development at N.C. A&T.

The symposium was a partnership of UNCF, APLGU, the National Collegiate Inventors and Innovators Alliance, and the United States Patent and Trademark Office with funding from the Lemelson Foundation and the Lumina Foundation.

"These entities have recognized that there is a lot of hidden potential at HBCUs," Szafranski said. "We can't broadcast our potentials like the majority institutions.

"There are a lot of breakthroughs and this (partnership) could potentially be a way to develop the infrastructure so that there will be some attention on the capabilities at HBCUs."

While this partnership will be beneficial for all institutions involved, A&T stands out as a leader in entrepreneurship through innovation.

"We've had a fair track record in the experience of developing new businesses," Szafranski added. "We understand the process. We seem to do it more often. Some of the businesses have been successful, others have not."

Recently, the university has had some success working with composite materials, the same material being used to make aircrafts. There has also been some success with a spin-off company called Advero and is currently in the process of forming the Bioadhesive Alliance. Szafranski anticipates another success.

As faculty members work on their research, Szafranski and other DORED staffers meet with them to learn more about what they're doing.

"Sometimes we establish ideas that we can commercialize to establish a patent," he said.

Szafranski said that through this partnership the university is looking to share ideas so that other HBCUs can have the same acceleration. This could mean dollars for the researchers and the universities in the form of royalties and wonderful experience for their students.

"Researchers need grad and undergrad students to carry out the research efforts being paid for in these grants. They're learning technology and how to formulate studies. The faculty and the students feed into each other. It's an entire ecosystem."

One of the things highlighted in the conference was potential for students to start their own businesses. These things are not typically taught in undergraduate courses.

"There are plenty examples of people taking ideas they found in college and creating a business model around that," Szafranski said. "What we're trying to do is to encourage students to start their own businesses as a career."

125 YEARS

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remembering the past

QUASQUICENTENNIAL: Our Time to Celebrate!

In August 2015, North Carolina A&T State University will kick off an academic year of celebrations to reflect upon its rich history and promising future.

The 125th Anniversary Celebration will provide an opportunity to showcase the accomplishments and contributions made over the years. It also will be a time to engage each segment of the university community – alumni, students, faculty, staff, community and friends – through educational and academic programming, scholarship and gift challenges, arts and entertainment, and more.

Please mark your calendars and stay tuned for additional information about N.C. A&T's quasquicentennial celebration.

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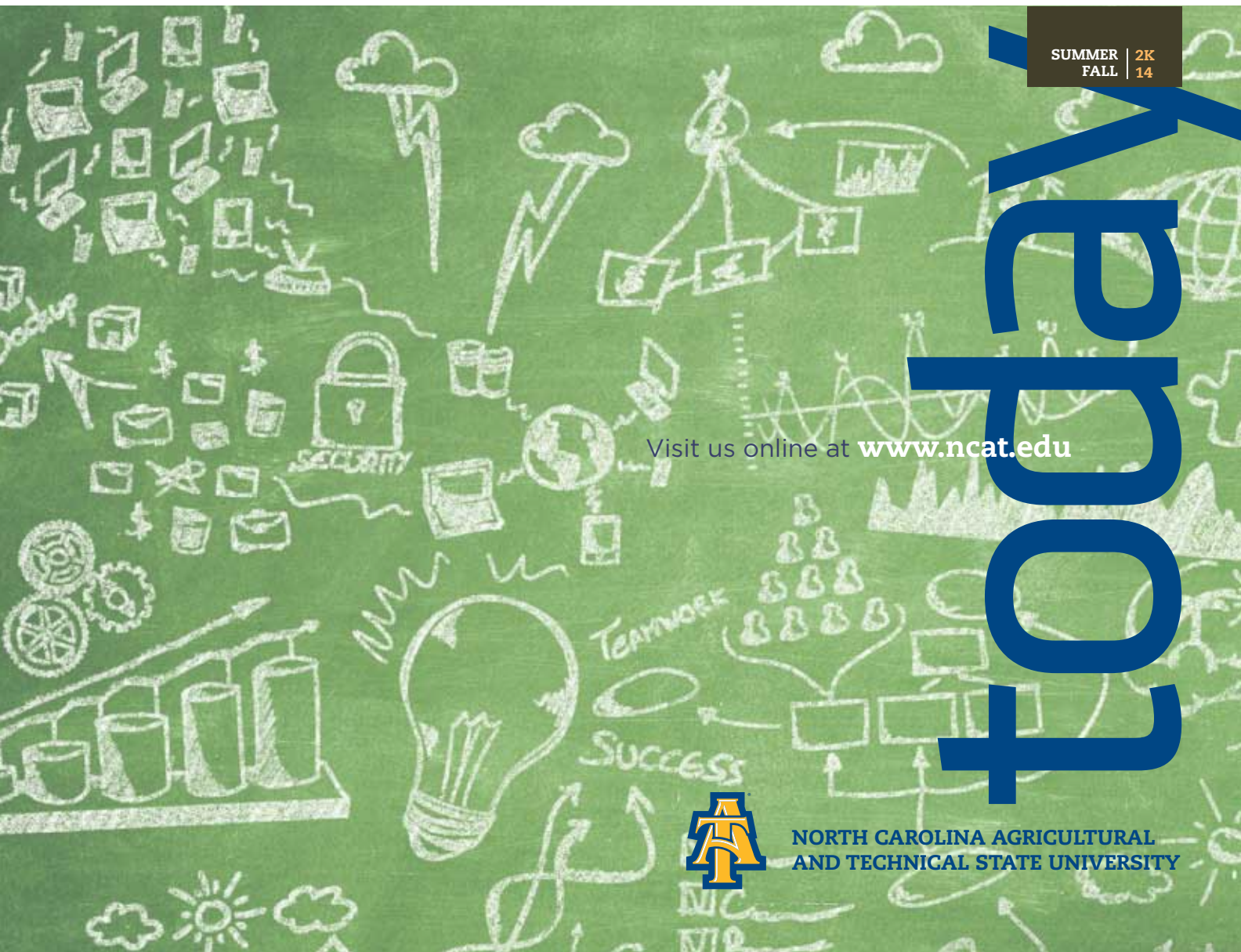


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