As a public, high-research activity land-grant university, North Carolina A&T is a research engine, education center and economic catalyst serving not only this state, but the nation. With students drawn from nearly every state in America, and six continents around the world, our educational impact is as broad and deep as any university in the Southeastern United States. We are not only America’s top-rated historically black university (HBCU), but its largest for seven consecutive years, as well as its leading HBCU STEM institution. We produce more African American engineers and agricultural scientists than any university in the nation and are home to the top public HBCU business school in the country.

A&T has grown substantially over the past decade in enrollment, in academic programming and in research capabilities, adding four new centers of excellence in the past year alone. And we are nowhere near done. Our relentless implementation of a visionary strategic plan will see us expand to an enrollment of more than 14,000 by 2023, add important facilities like the $90 million Engineering Research and Innovation Center due to open in 2021 and a new 450-bed residence hall and grow our research program through expansion of strategic partnerships with a broad range of federal agencies and private concerns. We encourage you to get to know A&T, and what may be possible for your organization in relationship with America’s no. 1 HBCU.
GET TO KNOW A&T: FAST FACTS
(2020-2021)

TOTAL ENROLLMENT: 12,753
Enrollment by Degree Type (Fall 2020):
BACHELOR’S: 11,131
MASTER’S: 1,184
DOCTORAL: 439

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<th>UNDERGRADUATE DEGREE PROGRAMS</th>
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COLLEGES:
• College of Agriculture and Environmental Sciences
• College of Arts, Humanities, and Social Sciences
• Willie A. Deese College of Business and Economics
• College of Education
• College of Engineering
• College of Health and Human Sciences
• College of Science and Technology
• Joint School of Nanoscience and Nanoengineering
• The Graduate College

INNOVATION
N.C. A&T owns 50 patents spanning technologies from nondestructive materials testing to natural product derivatives to green asphalt substitutes. The university has spun off seven new companies and facilitated 16 intellectual property licensing deals. Our university conducts more than $61 million in sponsored research and has the research expertise to help industry creatively solve design and manufacturing problems, develop new products and new applications and build a workforce that excels at these tasks.

SPECIALIZED EQUIPMENT AND SERVICES
N.C. A&T has acquired specialized equipment as part of its research programs that can be used by the private sector for example to perform analysis, measurements or prototype fabrication. Alternately, the university can provide services in areas an industry partner does not have the expertise.

SUSTAINABILITY, THE ENVIRONMENT AND A&T
North Carolina A&T is recognized for its deep commitment to sustainability, environmental science and the state of the climate worldwide. Researchers in our colleges of Agricultural and Environmental Sciences, Science and Technology and Engineering work extensively with federal agencies, non-governmental organizations, and private concerns around the world in tackling some of the most pressing challenges of these areas. From contributing significantly to the annual International State of the Climate report to creating new technology to solve water treatment and remediation problems, A&T faculty are leaders in research and in translating their work into instruction. In fact, the Wall Street Journal recognized A&T in 2016 as one of the top two public universities in the nation in combining research and classroom teaching. U.S. News & World Report now ranks A&T among the most innovative universities in America. Partner with A&T and learn how we are solving the challenges of the future today.
RANKED BY U.S. NEWS & WORLD REPORT:

No. 1 among public historically black colleges and universities (tie)
No. 66 in top performers on social mobility (tie)
No. 140 among top public schools (tie)
These highlights summarize North Carolina A&T State University’s economic impact for Guilford County, the Piedmont Triad area and the state over the year 2017-18. This summary underscores N.C. A&T’s fundamental role in bringing firms, jobs and students to the region and provides an up-to-date estimate of the value added of a degree conferred by the university.

$1.479B* IN OUTPUT

$705M IN VALUE ADDED (GROSS REGIONAL PRODUCT)

$409M IN LABOR INCOME

10,265 JOBS IN PIEDMONT TRIAD

11,900 JOBS STATEWIDE

$16 ROI PER DOLLAR OF STATE APPROPRIATIONS

15% STUDENT ROI, ANNUALLY

**ECONOMIC IMPACT**

*This total output includes non-recurring construction and renovation spending, which fluctuates from year to year. The annual average from the past five fiscal years was used for this calculation.

**IN OUTPUT**

**IN VALUE ADDED (GROSS REGIONAL PRODUCT)**

**IN LABOR INCOME**

**PER DOLLAR OF STATE APPROPRIATIONS**

**STUDENT ROI, ANNUALLY**

**TOTAL ECONOMIC IMPACT OF NORTH CAROLINA A&T STATE UNIVERSITY BY GEOGRAPHICAL REGION (2018)**

**GUILFORD COUNTY IMPACT**

**PIEDMONT TRIAD IMPACT**

**STATE IMPACT**

**JOBS**

9,201

10,265

11,900

**OUTPUT ($ MILLIONS)**

1,044

1,198

1,479

**VALUE-ADDED ($ MILLIONS)**

622

705

865

**LABOR INCOME ($ MILLIONS)**

363

409

495

**STATE AND LOCAL TAXES ($ MILLIONS)**

47

56

70

**SELECT MAJOR EVENTS CANCELLED/POSTPONED:**

**ENROLLMENT GROWTH**

20.77% CHANGE IN ENROLLMENT OVER THE LAST 7 YEARS

**DEGREES CONFERRED**

ACADEMIC YEAR ENDING JUNE 30

**WORK-LIFE EARNINGS**

A 2018 DEGREE CONFERRED AT N.C. A&T AMOUNTS TO $1.01 MILLION OF ADDITIONAL WORK-LIFE EARNINGS

2,157 graduates of N.C. A&T (2019) can expect work-life earnings of $4.7 BILLION

That’s $2.1 BILLION in incremental work-life earnings that can be attributed to their college degrees
COLLEGE OF AGRICULTURE AND ENVIRONMENTAL SCIENCES

The backbone of a well-rounded education comes from the largest academic unit at North Carolina A&T. The College of Arts, Humanities and Social Sciences is a top producer of African American public relation professionals, thespians and civic-minded individuals. With growing focuses on global communications, political ambitions and historical documentation, graduates of this college have everlasting impacts on the country’s industries and context.

COLLEGE OF ARTS, HUMANITIES AND SOCIAL SCIENCES

The backbone of a well-rounded education comes from the largest academic unit at North Carolina A&T. The College of Arts, Humanities and Social Sciences is a top producer of African American public relation professionals, thespians and civic-minded individuals. With growing focuses on global communications, political ambitions and historical documentation, graduates of this college have everlasting impacts on the country’s industries and context.

WILLIE A. DEESE COLLEGE OF BUSINESS AND ECONOMICS

The nation’s top public school of business at an HBCU, the Deese College has held the prestigious AACSB accreditation for more than 40 years and was the first HBCU to earn it. Its undergraduate and graduate programs are widely recognized for the quality of their faculty and graduates. Its MBA programs are rated among the top three in North Carolina, and its Supply Chain Management programs among the top 25 in North America. The college launched a Master of Accountancy program in 2019, and continues to grow in academic stature and impact.

COLLEGE OF EDUCATION

During every step to become a doctor, a lawyer, a plumber, an engineer, a politician or even a CEO, there is a need for good teachers. At North Carolina A&T, students in the College of Education get timely experience by working with schools in the Greensboro community and addressing issues that face education and educators, now and in the future. Producing premiere leaders in education and counseling, graduates of the college have learned the most relevant and recent pedagogy to pass on quality education to their students.

COLLEGE OF ENGINEERING

America’s largest producer of African American engineers and women engineers of color, the College of Engineering has long held a special place nationally in engineering education and research. It is home to the first National Science Foundation Engineering Research Center at an HBCU and multiple other centers in such areas as cybersecurity, autonomous vehicles, bioengineering and more. It is one of a handful of select engineering programs in North America participating in the Society of Automotive Engineers/General Motors AutoDrive Challenge to create a next-generation self-driving vehicle.

JOHN R. AND KATHY R. HAIRSTON COLLEGE OF HEALTH AND HUMAN SCIENCES

Housing our top-rated School of Nursing and a leading producer of African American Leisure Studies graduates, the Hairston College of Health and Human Sciences fosters success through real-world experience in the state-of-the-art Union Square facility and with Guilford County government entities. Students gain essential skills and engage in research for present and persistent health disparities. With degrees in psychology, social work and kinesiology, students help heal their communities to truly make the world healthier and safer for all.
COLLEGE OF SCIENCE AND TECHNOLOGY

North Carolina A&T’s national leadership in STEM begins at the College of Science and Technology, home to the university’s largest college of doctoral programs, all centered on applied science and technology and technology management. The college provides the majority of A&T’s core, general education coursework in the sciences. It also houses The STEM Early College at N.C. A&T, which is widely regarded as one of America’s top public high schools.

JOINT SCHOOL OF NANOSCIENCE AND NANOENGINEERING

Located a short drive from the university on the Gateway Research Park South Campus, this innovative nanoscience school combines research and graduate education in ways that have earned national recognition. A joint effort with UNC Greensboro, the school draws students from around the world to study and conduct research in its state-of-the-art labs and collaborate with federal agencies and high-tech private-sector businesses on the Gateway campus. It is sought out by industry concerns for the advanced instrumentation and technology that it leases to commercial businesses, enabling them to meet R&D needs at a fraction of their normal costs.

THE GRADUATE COLLEGE

All the university’s advanced degrees and certificates are offered by The Graduate College. With significant growth of need and interest in professional degrees and certifications, North Carolina A&T produces well-prepared graduates in several business, agriculture, education and engineering disciplines. The Graduate College places special emphasis on advising and connecting students to careers while they earn their master’s and doctoral degrees.
FACILITIES AND CENTERS ARE OPEN FOR COLLABORATION

N.C. A&T offers a broad array of research and development capabilities appropriate for a wide variety of disciplines and subject areas that correspond directly to industry needs in a range of fields. Faculty and research scientists’ expertise are enhanced by state-of-the-art facilities that cover the gamut from materials development and testing to systems simulation and visualization, rapid prototyping and advanced manufacturing. N.C. A&T has materials development and testing facilities, as well as destructive and non-destructive testing equipment facilities that have the capacity to characterize the properties of bulk materials all the way down to nano-structural analyses.

N.C. A&T features an impressive array of Centers and Institutes. These entities focus faculty research expertise and subject areas of significant, and in some cases emerging, importance. Together, they paint a picture of the strengths and major areas of focus for the research enterprise of our university:

- Center for Advanced Materials and Smart Structures
- Center for Advanced Studies in Identity Sciences
- Center for Behavioral Health and Wellness
- Center for Composite Materials Research
- Center for Cyber Defense
- Center for Energy Research and Technology
- Center for Excellence in Post-Harvest Technologies
- Center for Outreach in Alzheimer’s, Aging and Community Health (COAACH)
- Center of Excellence in Product Design and Advanced Manufacturing
- Center of Excellence in Cybersecurity, Research, Education and Outreach
- Center of Excellence in Entrepreneurship and Innovation
- Institute for Autonomous Control and Information Technology
- International Trade Center
- NOAA Interdisciplinary Scientific Environmental Technology Cooperative Science Center
- NSF CREST Center for Bioenergy
- NSF Engineering Research Center for Revolutionizing Metallic Biomaterials
- Visualization and Computation Advancing Research Center (VICAR)
- Waste Management Institute
- STEM Center of Excellence for Active Learning
- Testing, Evaluation, and Control of Heterogeneous Large Scale of Autonomous Vehicles
- North Carolina Agromedicine Institute
- BEACON (Bio/Computational Evolution in Action CONsortium)
- NIA Center for Small Satellite System and Technology for Observation and Exploration
- NSF ERC Engineering Research Center for Compact and Efficient Fluid Power
- Material Research Science and Engineering Center: Quantum and Spin Phenomena in Nanomagnetic Structures
- North Carolina Transportation Center of Excellence in Connected and Autonomous Vehicle Technology (NC-CAV)
- 1890 Center of Excellence to Motivate and Educate for Achievement