



**NORTH CAROLINA
AGRICULTURAL AND TECHNICAL
STATE UNIVERSITY**

GET TO KNOW A&T

N.C. A&T is the nation's largest public HBCU with an enrollment of 11,877 students for the 2016-2107 academic year. The university leads the nation in the number of undergraduate engineering degrees awarded to African Americans, and is the leading producer of African American female engineers at the baccalaureate level. N.C. A&T is also among the largest producers of African American certified public accountants.

The university offers 55 undergraduate degrees, 31 masters programs, and nine PhD programs in mechanical, electrical, industrial, computer science and nanoengineering; computational science and engineering; energy and environmental studies; rehabilitation counseling and rehabilitation counselor education; and leadership studies.

POINTS of PRIDE

- **Top 10 Best Colleges for African Americans (Money Magazine)**
- **No. 2 in U.S. for social mobility (Washington Monthly)**
- **Awarded \$90 million to construct new Engineering Research and Innovation Complex (to open in 2020)**
- **Only HBCU and only university in NC to offer a PhD in nanoengineering**

CORE VALUES

Learning

We embrace a culture that enriches the learning experience, enhances critical thinking and promotes a desire for lifelong personal development.

Excellence

We pursue excellence in all our endeavors.

Integrity

We demonstrate high moral character and ethical behavior.

Respect

We are an inclusive community that values differences and perspectives, ideas, learning styles and cultures.

Creativity

We foster an innovative environment that encourages the rich exchange of ideas, services and resources.

Engagement

We develop vital partnerships that impact the social and environmental challenges of regional, national and global communities.

Service

We proactively respond to the needs of those we serve.

No. 1

PUBLIC HBCU IN THE NATION

North Carolina A&T is the No. 1 public HBCU in the nation, according to U.S. News & World Report's 2016 Best Colleges Rankings

1890 LAND-GRANT UNIVERSITY

Our institution recently celebrated its 125th anniversary

CONSTITUENT MEMBER

of the University of North Carolina system

LEADERSHIP

Led by Chancellor Harold L. Martin, Sr. and the Chancellor's Executive Cabinet; advised on management and development by a 13-member Board of Trustees; advised on quality and university enhancement by the Board of Visitors

**North Carolina
Agricultural and Technical
State University**

1601 E. Market St.
Greensboro, NC 27411

**Division of Research and
Economic Development**

Fort IRC Building
336-334-7995

www.ncat.edu

RESEARCH AT A GLANCE

RESEARCH AREAS

- Aerospace and Transportation Systems
- Biomedical Research
- Biotechnology and Biosciences
- Computer and Computational Science
- Defense and National Security
- Energy and the Environment
- Food Science, Human Wealth, Nutrition and Wellness
- Leadership and Community Development
- Nanotechnology and Multi-Scale Materials
- Social and Behavioral Sciences
- Transportation and Logistics

As a land-grant university, N.C. A&T has a distinguished 126-year history of solving research challenges. Addressing today's great issues requires research in emerging and converging disciplines such as biotechnology, nanotechnology, energy and the environment, cybersecurity and big data. Accordingly, research at N.C. A&T extends beyond the traditional and land-grant fields of engineering and agriculture, into biomedical research, leadership development and the social and behavioral sciences as well.

Faculty and students engage in transformative interdisciplinary research and scholarship through collaborative partnerships among academic units, with other universities, and with corporate and government researchers. Through competitive research and innovation, Aggie researchers are creating new knowledge, spurring economic activity and improving quality of life for our community and the world.

RESEARCH TRAINING

- 259 sponsored awards in FY 2017
- 25 post docs and research scientists
- 101 PhD students/graduate research assistants*
- 136 masters students/graduate research assistants*

*Paid from external grants/contracts

QUICK FACTS

DOCTORAL RESEARCH

institution has ranked 3rd in the UNC system in sponsored funding for 10 consecutive years

FUNDING

in fiscal year 2017 was \$62.5 million (94% Federal)

AWARDS

259 total awards in fiscal year 2017

R2 CLASSIFICATION

Doctoral, higher research activity university

ROBUST RESEARCH ENVIRONMENT

is primarily focused on the STEM disciplines

CUMULATIVE ENTREPRENEURSHIP & INNOVATION IMPACT *as of June 30, 2017*

7

Start-Up
Companies



15

License/Use
Agreements



34

Patents
Issued



\$286,873

Revenue
Generated



September 2017