TOP provider of new graduates to Cisco, IBM, NetApp, SAS, Duke Energy, & Boeing

4th largest undergraduate engineering program in the U.S.

FLAGSHIP engineering and tech university for UNC system

100 startups and spinoffs from NC State technology

6th in industry-supported research among peers ($440M in total research)
COLLEGES AT NC STATE

- College of Agriculture and Life Sciences
- College of Design
- College of Education
- College of Engineering
- College of Humanities and Social Sciences

- College of Natural Resources
- Poole College of Management
- College of Sciences
- College of Textiles
- College of Veterinary Medicine
- The Graduate School
NC STATE

Strategic Research Areas

HEALTH & WELL-BEING

SAFETY & SECURITY

ENERGY & ENVIRONMENT

EDUCATIONAL INNOVATION

๏ Advanced Computing, Analytics & Networking
๏ Innovation & Entrepreneurial Network
๏ Advanced Materials & Manufacturing
๏ Evaluation, Policy & Leadership

Economic & Societal Benefit

+ WHERE IDEAS COLLIDE.
CENTENNIAL CAMPUS
WHERE IDEAS COLLIDE. WHERE PARTNERSHIPS MATTER.
Centennial History


- Land transferred to NC State
- First building opens
- First corp. partner
- Dialogue on expansion
- Engineering Bldg. I opens
- Golf course opens
- Middle School opens
- First townhouses open
- Veterinary Center opens
- First apartments open
- Hunt Library opens
- Student housing opens
- CTI Construction begins

- Alliance opens
- Hotel/Conference Center construction begins
- North Shore expansion starts

+ WHERE PARTNERSHIPS MATTER.

+ WHERE IDEAS COLLIDE.
Biomedical Campus
214 Acres

Central Campus
577 Acres

Centennial Campus
1,013 Acres

- 45 buildings
- $1 billion in infrastructure
- 94% occupancy rate
- 98% engagement rate
Centennial By The Numbers

**Present**
- 4 million sq. ft.
- 75 partners
- 14,000 people
  - 3,085 employees
  - 2,051 faculty, staff, and post-docs
  - 8,464 students
  - 6,000 students Sat. & Sun in Hunt Library

**Projected**
- 9 million sq. ft.
- 130 partners
- 30,000 people
  - 1/3 partners
  - 1/3 university
  - 1/3 housing residents and daily visitors
Current or Future Projects

- Hotel & Conference Center
- Townhouse Expansion
- Town Center
- Plant Science Initiative
- Engineering Building Oval
“PARTNERING IS A CONTACT SPORT.”

Dr. Claude McKinney
Dean, College of Design (1973-1988)
Assistant to Chancellor and Director of Centennial Campus (1985-2000)
The Real Centennial Advantage

Proximity & Access to Talent
Current Partners

Government 26%
Non-profit 4%
Industry 70%
Example of Partners
National and Global Presence

- Pentair, Inc.
  Minneapolis, Minnesota
- All Systems Broadband
  Livermore, California
- Juniper Networks
  Sunnyvale, California
- LexisNexis
  New York, New York
- USDA
  Washington D.C.
- AnimalScan
  Easton, Pennsylvania
- Eastman Chemical
  Kingsport, Tennessee
- SKEMA
  Lille, France
- Grifols
  Barcelona, Spain
- ABB
  Zurich, Switzerland
- Mann+Hummel
  Ludwigsburg, Germany
- Pepsico
  Purchase, New York
- Nike
  Beaverton, Oregon
- Bemis
  Oshkosh, Wisconsin
- Gates Rubber
  Denver, Colorado
- BASF
  Ludwigshafen, Germany
Industry/Government/Academic Partnership

Next Generation Power Electronics Manufacturing Institute

- $146 Million
- Industry/Government/Academia
- Produce breakthroughs in wideband gap electronics manufacturing

PowerAmerica
Industry/Government/Academic Partnership

Laboratory for Analytical Sciences (LAS)

- Focus on Big Data & Analytics
- $60 Million Grant
Industry Alliances

- Master Research Agreements
- Common Negotiation Areas
- New IP Models
What’s Next?
94 PARTICIPANTS
Imagine…

Centennial Campus as a Proving Ground
Imagine…

Centennial Testing & Developing Advanced Transportation Technology Systems
Imagine…
Centennial with Bold, Collaborative Spaces & Places
Imagine…

Centennial Igniting Bold, Breakthrough Collisions in Science & Art
Imagine...

**Scholarly Recognition of NC State Inventors & Innovators**

The greatest minds look beyond what is to what could be. Since 1851, scholars at the University of Minnesota have reshaped our world by developing cures, inventing products, solving problems, and creating art as documented here in their own hand.
CENTENNIAL CAMPUS
WHERE IDEAS COLLIDE. WHERE PARTNERSHIPS MATTER.