



NC STATE

THINK AND DO
THE EXTRAORDINARY

Administrative Leadership Meeting

Randy Woodson

Chancellor

Tuesday, May 8, 2018

Upcoming ALMs

July 10, 2018

Understanding our Rankings

Titmus

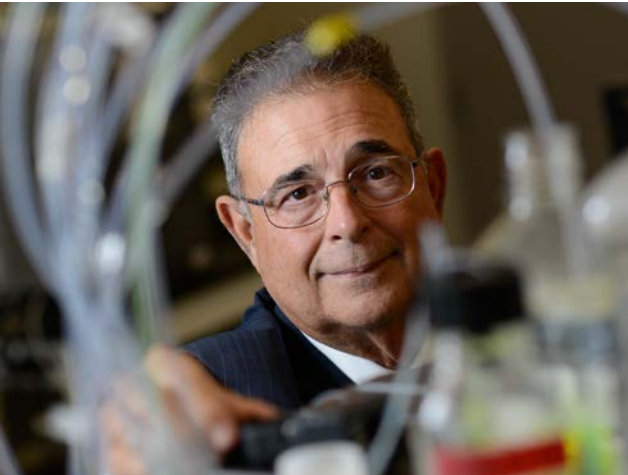
Faculty Accolades



Dr. Rodolphe Barrangou

National Academy of Sciences

- 9th current NC State faculty member elected to NAS
- NC State now has 27 members of National Academies



Dr. Ruben Carbonell

2018 O. Max Gardner Award

- Highest system-wide honor given to faculty members by UNC Board of Governors
- Award recognizes “greatest contribution to welfare of human race”

Student Accolades

Ashley Lawson
Truman Scholar



Madison Maloney
Goldwater Scholar



Commencement



Questions?



North Oval Innovation Update

Scott Douglass

May 8, 2018

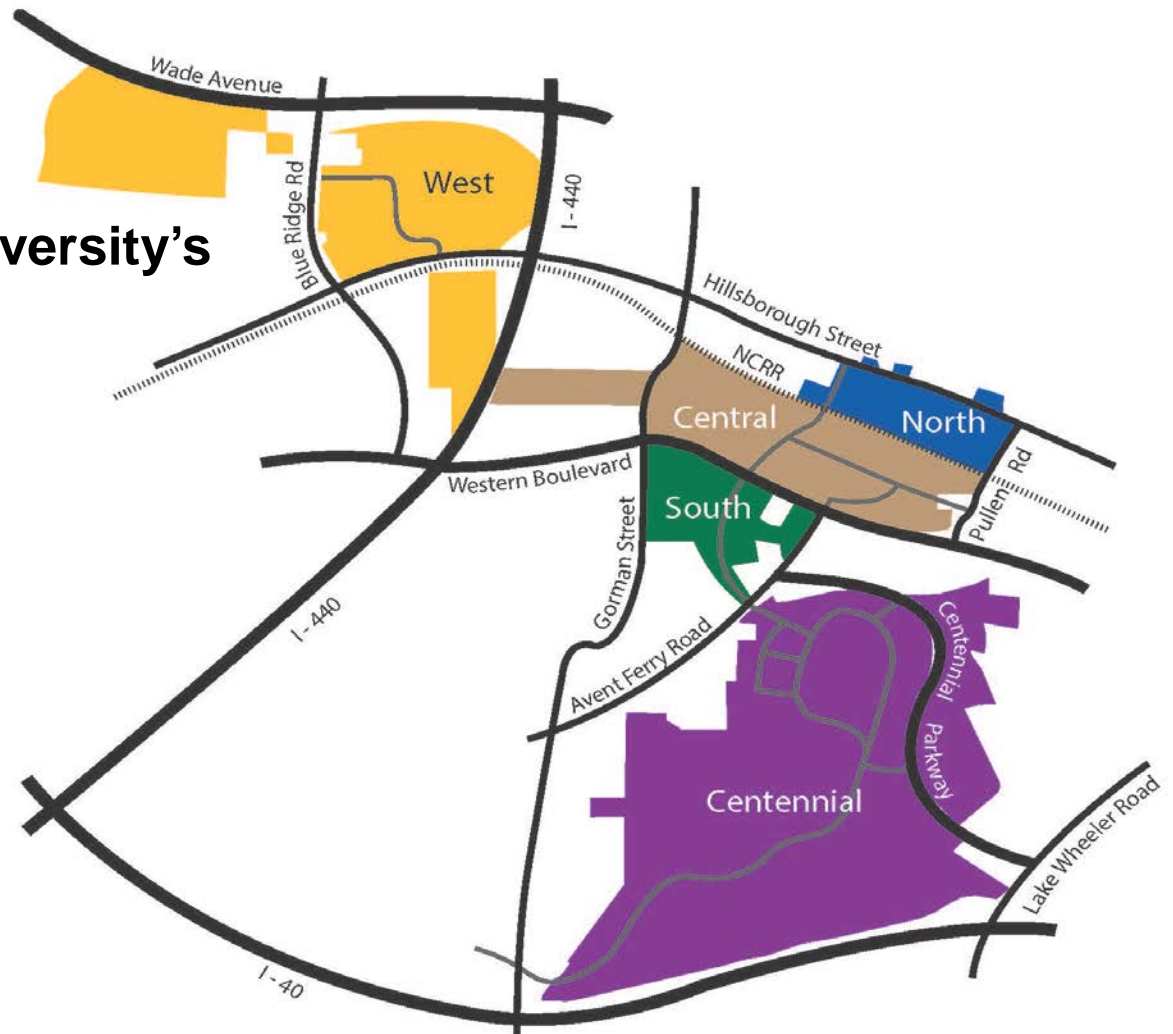
NC State was founded with a purpose:
**to create economic, societal and
intellectual prosperity** for the people
of North Carolina and the country.

A **pre-eminent research enterprise**,
NC State excels in science, technology,
engineering, math, design, the humanities
and social sciences, textiles and
veterinary medicine.



North Carolina State University's Core Campus

- 2,112 acres
- 15.6M SF
- 462 buildings



1984 Governor Hunt and the General Assembly create Centennial Campus with conveyance of initial 355 acres.

“Centennial Campus adds a fourth dimension to the trinity of teaching, research, and extension: partnerships with the private sector in pursuit of the public good.”

-- Governor Hunt

1985 Governor Martin allocates 450 acres.

1986 NCSU acquires 76.8 acres from the Catholic Diocese.

1987 NCDA conveys 118.9 acres to NC State.

2014 State allocates 130 acre Spring Hill property to NCSU.



An aerial photograph of a landscape. In the foreground, there is a large, dense forest of green trees. To the right of the forest, a winding river flows through the landscape. The river is surrounded by green fields and some patches of brown, possibly dry or harvested land. In the background, a city with various buildings and structures is visible under a clear sky.

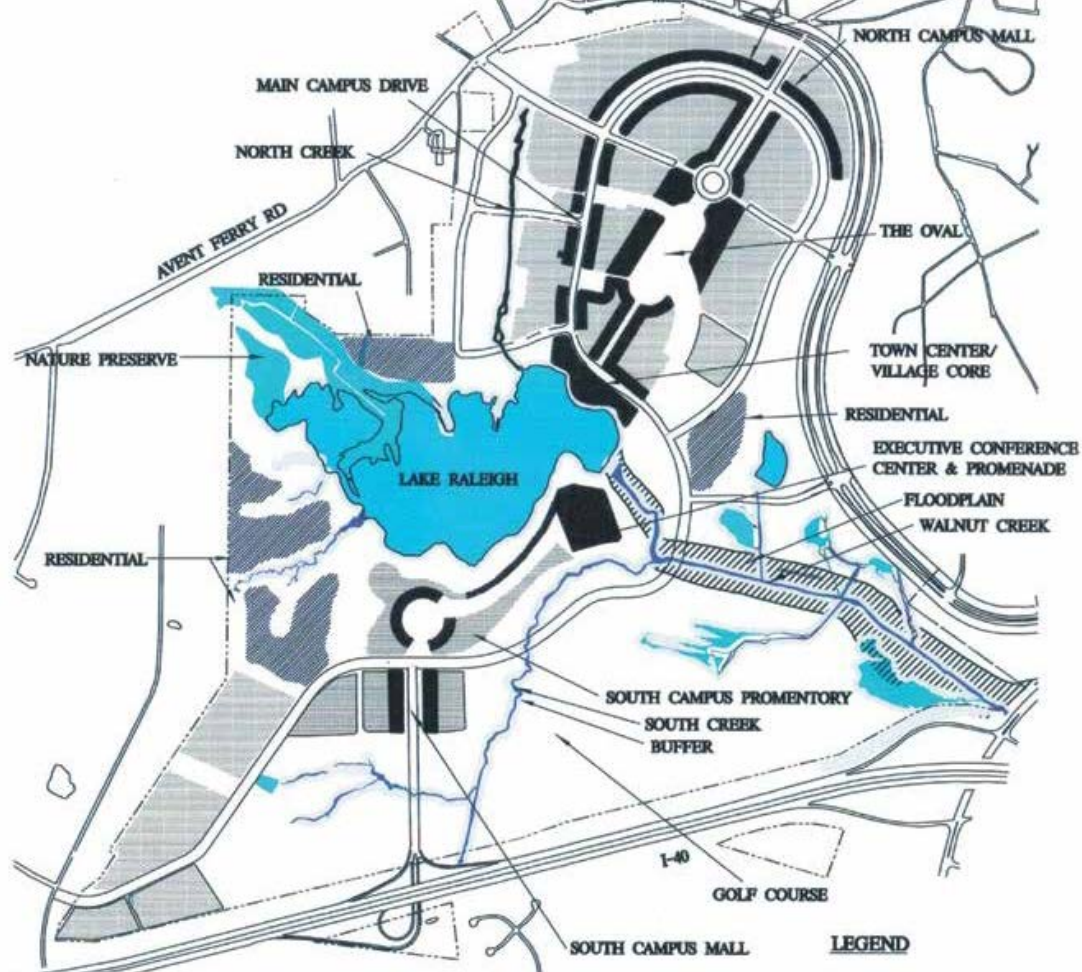
Academic
Research

Public-private partnerships

- Corporate facilities
- Commercial & retail
- Residential

Public service

Public spaces



Centennial Campus Vision 1988



Proposed Centennial Campus

Mission Valley Apts.

Mission Valley Shopping Center

Avent Ferry Rd.

Mission Valley Inn

Centennial Campus the early years



1999

2004

2007

2010

2005

2001

2000

2004

2013-14

2006

2010

2015

2003

1999

1999

2004

2001

1997

2012

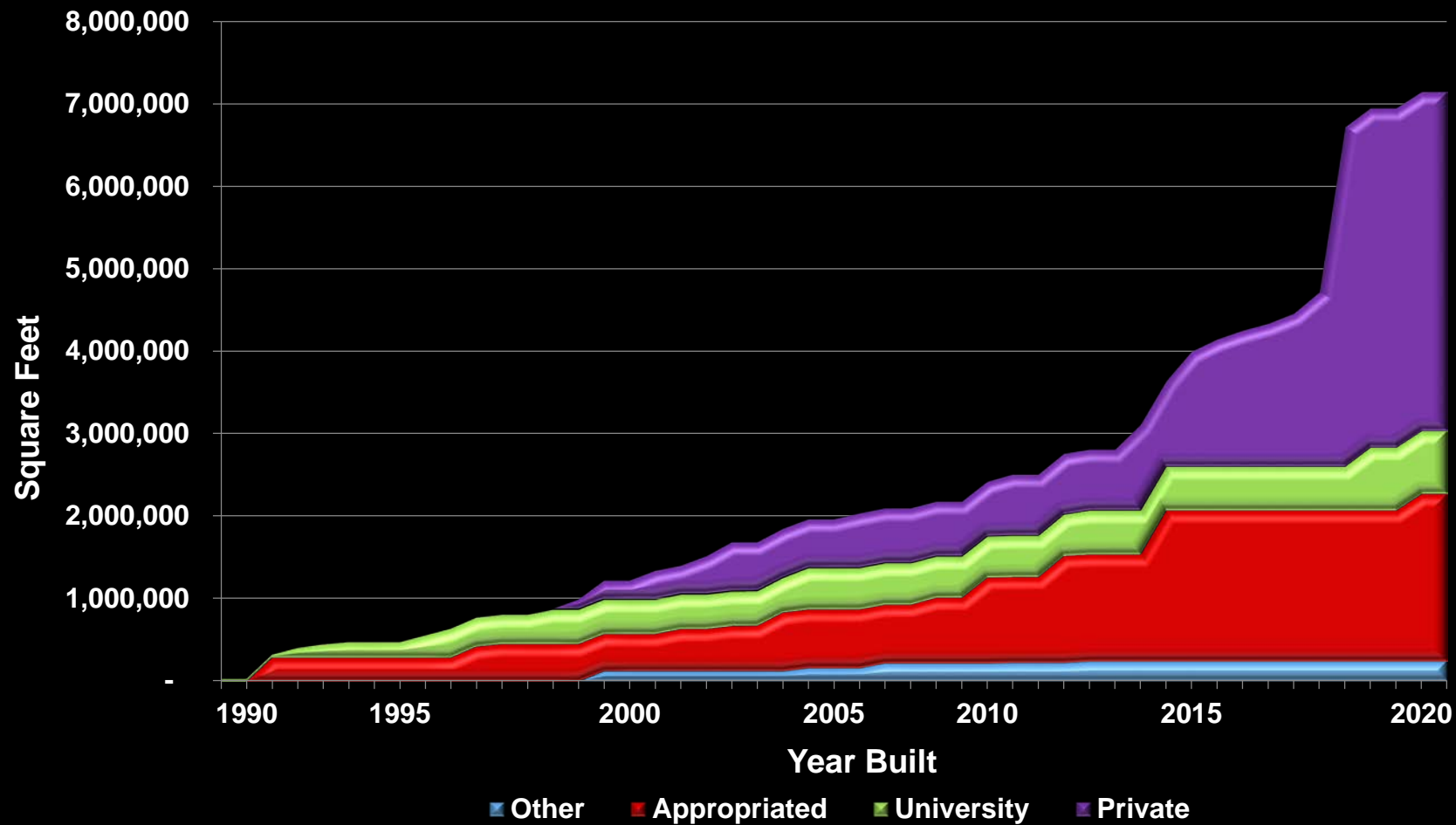
2017

1991

1990

1997

1996





The question is not how can we sustain the growth of Centennial Campus...



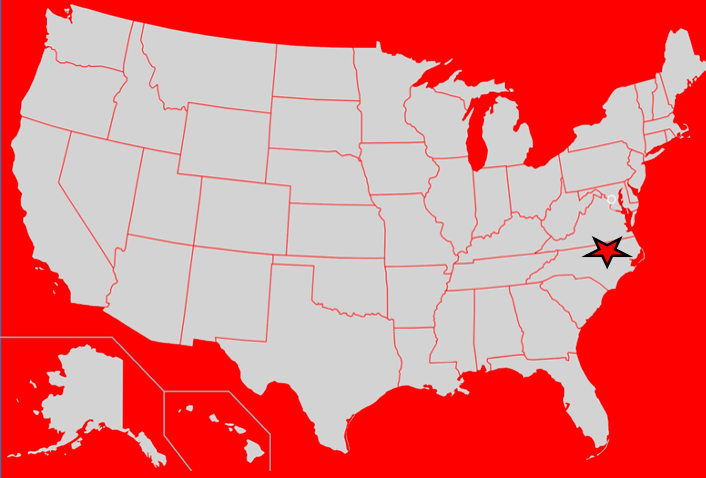
How do we advance NC State's core academic mission?

Innovation Districts are ...

...the ultimate mash up of entrepreneurs and educational institutions, start-ups and schools, mixed-use development... bike-sharing and bankable investments—all connected by transit, powered by clean energy, wired for digital technology, and fueled by caffeine.

-- **Brookings Institution**

The case for Centennial
— sustainable —
INNOVATION DISTRICT



EVOLVE





Centennial Campus: Today

Continue to evolve into an Innovation District...

- College of Textiles
- College of Engineering
- Hunt Library
- Golden LEAF Biomanufacturing Training & Education Center (BTEC)
- The Nonwovens Institute



Federally-Funded Research

1 of only 2 universities leading 2 NSF Engineering Research Centers

- FREEDM Systems Center: Smart-grid technology
- ASSIST Center: Self-powered health monitors

Partner in 7 of 14 Manufacturing USA Institutes

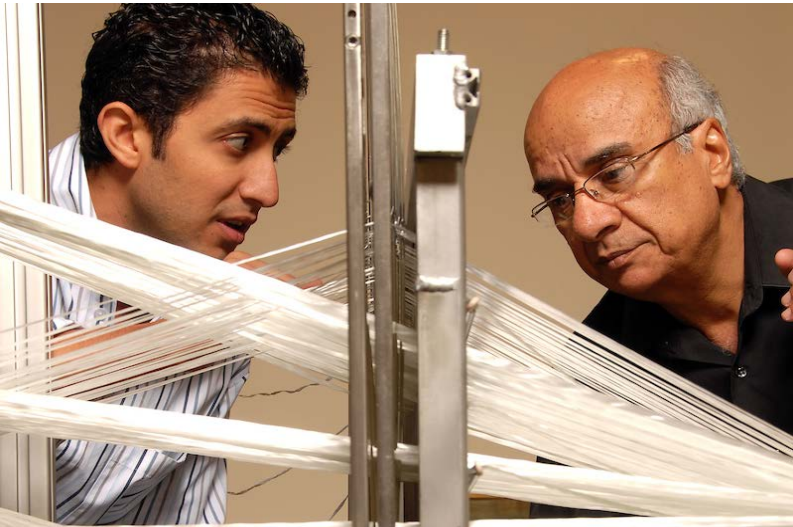
- More partnerships than any other university in U.S.
- Working to give U.S. manufacturing greater competitive advantages





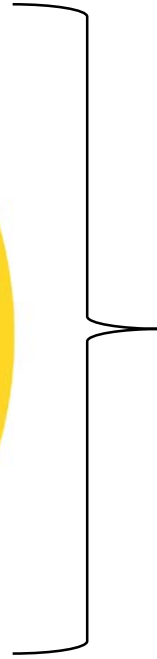
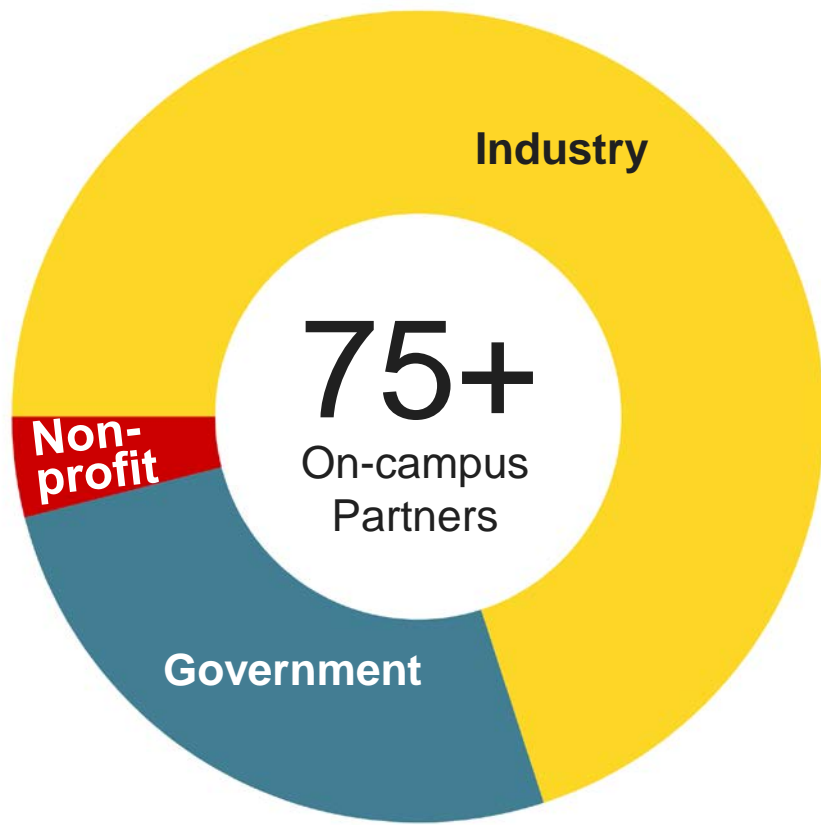
ABB

- 1st corporate partner (1991)
- Nearly 700 employees on campus
- Has hired more than 250 NC State graduates
- Member of several NC State Centers & Institutes



VF Corporation

- Partnership with College of Textiles and Poole College of Management to offer undergraduate and graduate internships, student projects, competitions, and more
- Industry-leading apparel and textile research
- Executive education opportunities for VF Corporation



Dynamic Public-Private Partnerships



Social Innovation Fellows
Entrepreneurship Initiative
Albright Entrepreneurs Village
Institute for Nonprofits
Entrepreneurs Collaborative
Institutes
Alumni Entrepreneurs
Technology Entrepreneurship Commercialization
Technology Commercialization and New Ventures
Engineering Entrepreneurs Program
Wolfpack Investor Network
Entrepreneurship Clinic
Corporate Sponsorships
Garage
Co-Working Spaces
Social Entrepreneurship and Innovation
Arts Entrepreneurship
Maker Space
Corporate Partnerships
Centennial Incubator

NC State's Expanding Entrepreneurial Ecosystem



Fitts-Woolard Hall

June 2020



Plant Sciences Building

Winter 2021

**TWO NEW ACADEMIC
BUILDINGS**



Industry: the new demands

18 hour innovation district lifestyle

WORK

AND

LIVE & PLAY

A FREE CONCERT SERIES

LIVE
@ LAKE
RALEIGH

DIALI CISSOKHO & KAIRA BA
APR 12 / 6 PM

HOLY GHOST TENT REVIVAL
MAY 10 / 6 PM

FOOD TRUCKS AT 5:30PM

LAKERALEIGH / CENTENNIALCAMPUS

LIVEATLAKERALEIGH.COM





Lonnie C. Poole Golf Course

- Public course
- Lab for our Professional Golf Management and turf-management programs



North Shore Community

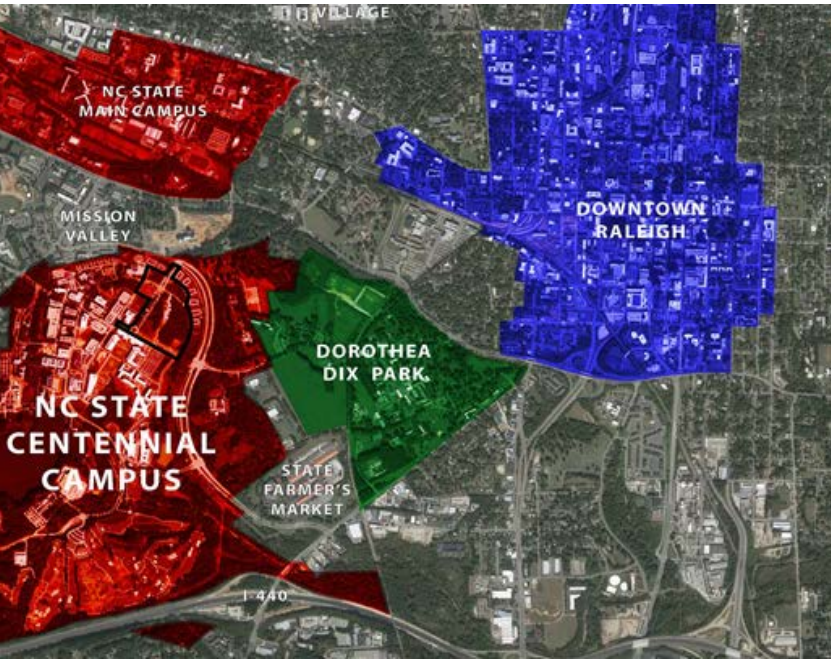
- Non-student townhouse and condominium complex
- Adjacent to Lake Raleigh

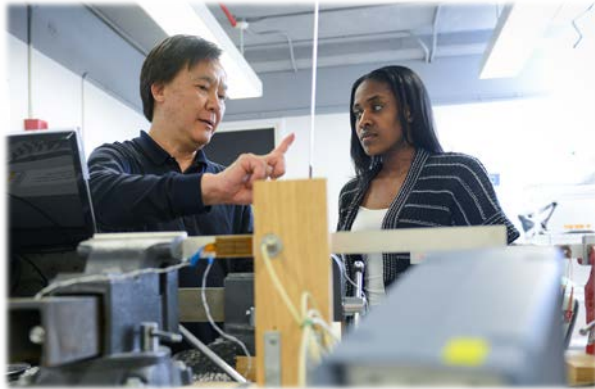


The Greens

- Non-student apartment community
- 292 apartments

City of Raleigh: Partnerships & Proximity





Social Innovation Fellows
Entrepreneurship Initiative
Albright Entrepreneurs Village
Institute for Nonprofits
Entrepreneurs Collaborative
Institutes
Alumni Entrepreneurs
Technology Entrepreneurship Commercialization
Technology Commercialization and New Ventures
Engineering Entrepreneurs Program
Wolfpack Investor Network
Entrepreneurship Clinic
Corporate Sponsorships
Garage
Co-Working Spaces
Social Entrepreneurship and Innovation
Arts Entrepreneurship
Maker Space
Corporate Partnerships
Centennial Incubator

Self-Sustaining Economic Engine

Developing the North Oval

- Public-private partnership that supports a vibrant innovation ecosystem that advances NC State's academic, research and outreach mission, enhancing the opportunities for faculty and students.
- Creates a network of entrepreneurial and social spaces that expands opportunities for collaboration.
- 32-acre -- phased -- mixed-use development that leverages the University's prior investments to secure new and expanded private investment.
- 1.5% of the total "core" campus land.



2017	March	Completed preliminary analysis
	May	Selected advisor
	July	Innovation team RFQ
	November	Interviewed 5 finalists
	December	Selected lead firm
2018	January	Due diligence
	February	Innovation team selected
	July	Begin Innovation Engagement
	Fall	Negotiate development agreement



Innovation District Timeline



Developing communities that drive innovation. Wexford works collaboratively with our partner institutions to help create and develop vibrant, mixed-use, amenity-rich Knowledge Communities that are built on a foundation of research, discovery and entrepreneurial activity.

Projects:

Cortex Innovation Community
uCity Square

University of Maryland BioPark
Converge Miami

Wake Forest Innovation Quarter

University Technology Park at IIT

South Street Landing

The Chesterfield

Innovation engagement interviews with:



- **Chancellor, Provost & Deans**
- **Senior faculty administrators**
- **Selected Department Heads**
- **Selected faculty**
- **Other stakeholders**



“Our mission is to become the premier destination for innovative collaboration between business, research, and education.”

Chancellor Randy Woodson