

An aerial photograph of the North Carolina State University campus in Raleigh, North Carolina. The image shows a dense collection of brick and concrete buildings interspersed with lush green trees. In the background, the city skyline of Raleigh is visible, featuring several tall skyscrapers. A prominent brick chimney with the words "STATE COLLEGE" written vertically on it is visible on the left side. The text "Welcome to NC State" is overlaid in large white font across the center of the image, and "Raleigh, NC" is overlaid in a smaller white font below it.

Welcome to NC State

Raleigh, NC

The City of Oaks

- Sir Walter Raleigh, a 16th century English explorer and nobleman
- 233 years old
- Native oak plantings, some as old as the city
- 55% of the city has tree cover
- Oakwood Historic Neighborhood
 - 19th-century architecture



NC State, Land Grant Institution

- Founded in 1887 under the Morrill Act
- Belltower is a sense of pride but also a memorial to those fallen in past conflicts
 - Lit red when we win games and to honor faculty, staff and students
- One arm of the Research Triangle



Fast Facts about NC State

- Motto is “Think and Do”
- 12 colleges
- 68 departments
- 8,000 employees
- 34,000 students
- 100,000 acres across NC

- Local Rivals:
 - Duke University (Blue Devils)
 - UNC Chapel Hill (Tarheels)

NC STATE

EST. 1887  RALEIGH, NC

**THINK
AND DO**

Horticultural Science

- Original 10 departments to the university in 1887
- 12 research stations across the state to serve commercial businesses and state residents
- JC Raulston Arboretum



Horticultural Science Fast Facts

- 38 faculty
- +100 staff
- 87 graduate students (Masters & PhD)
- 201 undergraduates (Associates & Bachelors)

- 1-MCP was created by Dr. Sylvia Blankenship
- Dr. John Dole wrote the floriculture and cut flower postharvest textbooks
- Original greenhouse management textbook was written by Dr. Paul Nelson

What you will see today...

Plant Sciences Initiative (PSI), 2024

Integrated plant research building

100% matched donations with industry groups and individuals

Cutting edge research facilities



Horticulture Field Labs



Dr. Brian Whipker
Commercial Floriculture
Researcher
Bedding plants, techniques,
potted plants



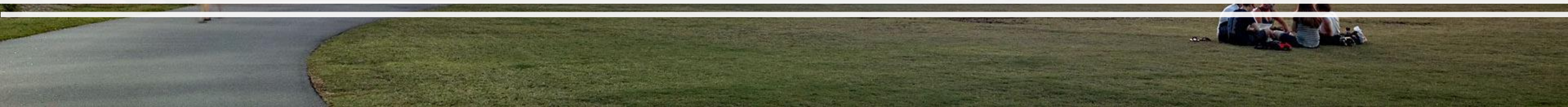
Dr. Joe Neal
Weed Science Researcher
and Extension Specialist
Local cut flower weed
management



Dr. Hsuan Chen
Ornamental Plant Breeder
Shrubs, trees, and perennials



Lunch at Talley Student Union



Marye Anne Fox GH



Hort. Sci. Conservatory
2,000 sq. ft. of houseplants and
cactus



Dr. Brian Jackson
Substrate Research
Innovating ways to grow
flowers and plants in
wood “soils”



Diane Mays
Curator for Conservatory

Kilgore Hall Research



Dr. John Dole
Cut Flower Researcher,
Postharvest
physiologist
Cut flowers storage,
handling, cut flower
trials



Jodi Driedger, Undergraduate Program Director
Issac Lewis, Undergraduate Program Assistant
Academic Programs in Hort. Sci.



Dr. Melinda Knuth
Behavioral Economist
Consumer perceptions
and behavior, trade
flows, economic impact
assessments

Be on buses by
8:40 AM

