



# HUNT LIBRARY

Welcome to the James B. Hunt Jr. Library

## CREATING A HEART FOR CENTENNIAL CAMPUS

Named the nation's top research park in 2007, NC State's Centennial Campus is a nexus of collaboration between students, faculty, researchers, and corporate, governmental, and institutional partners. In the past 25 years, it has grown into a powerful engine of growth for the state and the nation. On January 2, 2013, the Hunt Library became its intellectual and social center.

## AN ICONIC BUILDING THAT SAYS "THIS IS NC STATE IN THE 21ST CENTURY"

The Hunt Library is a "signature" building of the university that embodies NC State's strengths in engineering, design, technology, and science, and captures the spirit of the NCSU Libraries as NC State's competitive advantage.

## DEFINING THE RESEARCH LIBRARY OF THE FUTURE

With world-class research collections stored in the bookBot automated book delivery system instead of traditional shelving, the vast majority of the Hunt Library is dedicated to a variety of technology-rich learning and collaborative spaces. The Hunt Library is designed to enable experimentation, support innovative projects and partnerships, and showcase university research and scholarship.

## NARROWING THE SEATING GAP

Before the Hunt Library opened, the NCSU Libraries could seat fewer than 5% of our students—far short of the University of North Carolina's standard of 20%. The Hunt Library doubles the number of study seats, bringing NC State to half of the UNC standard.

## IMMERSING NC STATE IN THE LATEST TECHNOLOGIES

The NCSU Libraries has long been a bold technology incubator for NC State, making it easy for students and faculty to immerse themselves in the technologies driving our economy. The Hunt Library builds upon that tradition, giving the university an iconic space filled with technology-enabled furniture; high-definition video walls; 3D computing, printing, and visualization tools; and videoconferencing and telepresence facilities.

## INSPIRING GREAT WORK WITH BOLD, ADVENTUROUS SPACES

The library is the heart of the university, a creative, inviting place that enables students, faculty, and researchers to achieve their highest goals. The Hunt Library is a stunning, memorable building where people are inspired to breathe life into the aspirations of a great university.



## HUNT LIBRARY FACTS

- The Hunt Library was made possible by \$115.2 million in state funds, plus donor support.
- Primary users are faculty, students, and staff in engineering, textiles, and other science programs. As a second main library for the university, the Hunt Library also welcomes students, faculty, and partners from all disciplines.
- Over 221,000 gross square feet, including space for the Institute for Emerging Issues and other university centers and institutes. Anchoring Centennial Campus's Academic Oval, the building is longer and wider than a football field, stretching roughly 460 feet in length and 180 feet at its widest point.
- 88 feet high at tallest point, providing dramatic views of Lake Raleigh and the city skyline.
- Almost 100 group study rooms and technology-equipped spaces to support learning, research, and collaboration.
- Robot-driven bookBot automated book delivery system holds up to 2 million volumes in 1/9 the space of conventional shelving, enabling the library to provide more space for learning and collaboration. The bookBot is 50 feet wide by 160 feet long by 50 feet tall and is excavated 20 feet below the first floor.
- The bookBot delivers books in minutes with a click in the Libraries' online catalog. Visitors can watch the bookBot in action through a glass wall on the first floor ("Robot Alley"), as four robots dart up and down enormous aisles to pinpoint and retrieve materials.
- Designed as a "green" building at the LEED Silver level.
- Lead designer, Snøhetta, is one of the premier firms on the globe, responsible for the new Library of Alexandria and the National September 11 Memorial Museum Pavilion in New York.
- North Carolina executive architects, Pearce Brinkley Cease + Lee, have created some of the most memorable buildings in the state.

## DISTINCTIVE SPACES INCLUDE:

**Creativity Studio**—a flexible, "white box" space that can be reconfigured and transformed to support a variety of activities in many disciplines, with high-definition, 3D-capable projectors; movable and writable walls; a full theater lighting kit; and many interactive tools that can be configured for simulations and virtual environments.

**Teaching and Visualization Lab**—a "black box" for high-definition visualization and simulation, offering seamless 270-degree immersive projection on three walls for a total of 80 linear feet of display surface, 3D display, a professional zoned audio system, and cameras for real-time video capture, broadcast, and collaboration.

**Game Lab**—supports the scholarly study of games at the university, where students can also take a break and play for fun. With multiple video gaming stations and a large display, this is one of the Hunt Library's liveliest spaces.

**iPearl Immersion Theater**—a 21 x 7-foot curved display wall that engages viewers in panoramic imagery and showcases the work of students and faculty.

**Video Seminar Room**—features a telepresence video collaboration suite to facilitate meeting with others anywhere in the world.

**Fishbowl**—a seminar room uniquely designed to promote the open exchange of ideas. Offers a multi-touch display and transparent walls that allow others to experience the activities taking place inside.

**Faculty Research Commons**—a comfortably furnished space for faculty to engage in both individual and collaborative work, and to connect with colleagues from other departments and disciplines.

**Graduate Student Commons**—designed specifically for graduate students, with lounge seating, open study spaces, group study rooms, computer workstations, and lockers.

**Makerspace**—create working prototypes, architectural models, and other objects with tools including 3D printers, a 3D scanner, and a laser cutter. "If you can draw it, you can make it!"

**Skyline Reading Room and Terrace**—the pinnacle of the Hunt Library, at the highest point on campus, with inspiring views and abundant natural light.

Spaces and technology in the Hunt Library have been enhanced through the generosity of our donors. The NCSU Libraries' *Everything you can imagine . . . and more* campaign seeks to raise \$10 million to ensure that the vision for Hunt Library spaces and technology is fully realized. Information available at: [www.lib.ncsu.edu/huntlibrary/helpsupporthunt.html](http://www.lib.ncsu.edu/huntlibrary/helpsupporthunt.html).

For more information about the Hunt Library, see: [www.lib.ncsu.edu/huntlibrary](http://www.lib.ncsu.edu/huntlibrary)

