

# Larry K. Monteith Engineering Research Center

## Monteith Engineering Research Center



**Location: Centennial  
Campus**

**View from Southwest**

*Scroll below for building history*



*Accessibility Map*

**Current Residents:**

College of Engineering

**Built 1996**

**Sq. Footage 100,000**

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## History

The building is one of the most sophisticated research buildings on campus, is funded by the state along with the College of Textiles. It houses a structures lab that is paired with a large concrete mass used as a point of reference in test processes and special "clean-rooms" for diminishing the total number of particles per cubic foot of space.

The building is named for former Chancellor Larry K. Monteith. A native of Bryson City, North Carolina, Monteith had a 41 year career associated with NC State. He was the university's eleventh chancellor, serving from 1989 - 1998. He also was dean of engineering from 1978 - 1989.

"From the initial concept for the Engineering Graduate Research Center in 1979, to the passing of the bond referendum in 1993, to the grand opening celebration in 1997, Larry Monteith championed the cause of making this unique center become a reality," said Nino A. Masnari, former Dean of the College of Engineering. "Having the building bear his name is a fitting tribute to his impact on engineering education and the history of NC State University."

"Larry K. Monteith not only was a leader at NC State, but he was a leader for all of North Carolina", said William C. Friday, president emeritus of the University of North Carolina system and an alumnus of NC State. "He was a visionary who helped bring Centennial Campus to life, and he was part of a group that helped give shape to the concept of the Research Triangle. But maybe the best thing you can say about Larry is that he was devoted to the students of NC State and took a genuine interest in their success."

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An expansive glass wall allows observers in the courtyard to view public activities within the building. Art and other works will regularly be displayed in a three-level galleria arcade and also in the beautifully designed contemporary, brick plaza in front of the building. The plaza covers a five-and-a-half level parking garage, demonstrating one of the creative uses of space that the University has adopted to guide the planning of Centennial Campus.

An adjoining Constructed Facilities Laboratory opened at the same time as part of the engineering research complex. Together these two buildings provide research, education and demonstration facilities for the College of Engineering to use in developing partnerships with industry and government. Among the many components in the main laboratory building are the Center For Advanced Electronic Materials Processing, Analytical Instrumentation Facility, Biomedical Microsensors Laboratory, Power Semiconductor Research Center, Microelectronics Systems Laboratory, manufacturing clean rooms and teleconference rooms.

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