

## NC RESEARCH CAMPUS

### Emerging, Thriving, Leading

**The NC Research Campus** is emerging as a leading biotechnology hub for the study and advancement of health, nutrition and agriculture. In only five years, the campus has achieved major milestones in funding, business development, workforce training and jobs.

Located in the Charlotte-metro region, the 350-acre campus hosts laboratories from NC State University, UNC Chapel Hill, UNC Greensboro, UNC Charlotte, NC Central University, Appalachian State University, NC A&T State University and Duke University. Together, scientists at the NC Research Campus have attracted \$26 million in research funding. The 60 grants and outside contracts are funded primarily by the National Institutes of Health and the US Department of Agriculture. More than \$22 million in additional applications are pending.

Duke University is conducting its groundbreaking MURDOCK Study. The biological samples of 5,000 participants are banked to foster the matching of medical histories, demographics and other variables to better understand heart disease, diabetes, arthritis, Alzheimer's, multiple sclerosis and other diseases.

The universities are joined on campus by several businesses. General Mills, the sixth largest food company, and Monsanto, a leading, global agricultural company, joined the NC Research Campus in 2010. In laboratory space in the David H. Murdock Research Institute, the campus' core laboratory, General Mills is researching vegetables and oats, and Monsanto enhanced nutrition and taste components in vegetables.



**Employees of the universities and businesses at the NC Research Campus in Kannapolis, where nutrition, agriculture, biotechnology and health intersect.**

The 130 fulltime employees of the campus' universities and businesses are augmented by on-site workforce training. Rowan-Cabarrus Community College's 62,000-square-foot facility features state-of-the-art laboratories and chemistry and biology classrooms where students are working toward associate degrees in biotechnology.

Business, universities, the community college, employees and students are the synergy that is propelling the NC Research Campus forward as an emerging, thriving and leading center for biotechnology. **i**

[www.ncresearchcampus.net](http://www.ncresearchcampus.net)

University of North Carolina **continued on page 20**

supplements. Industry tenants co-located at the NCRC include Dole Foods, General Mills and Monsanto.

In addition to a wide variety of research programs, the University of North Carolina is also home to a number of world-class, biotechnology-based academic and training programs. The UNC/NCSU Joint Department of Biomedical Engineering continues to train the next generation of researchers in rehabilitation engineering, biomedical imaging and microsystems engineering. The Joint School of Nanoscience and Nanoengineering (NC A&T State/ UNC Greensboro) enrolled its first class of graduate students in August 2010 and will open its new facility at the end of this year.

The University of North Carolina is dedicated to fostering long-lasting, productive collaborations with industry partners. In 2010, UNC institutions completed the first phase of a comprehensive Innovation Development and Transfer Initiative. The purpose of this initiative is to position UNC institutions as the "go-to" universities for partnering in innovation and increasing the impact of academic innovations in biotechnology for the benefit of all. **i**

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