



Joint School of Nanoscience and Nanoengineering

The Joint School of Nanoscience & Nanoengineering (“JSNN”) is a collaborative project between North Carolina Agricultural & Technical State University and the University of North Carolina at Greensboro. The mission of the JSNN is to train students to conduct basic and applied research. The Joint School for Nanoscience and Nanoengineering is expected to offer Professional Master of Science and Ph.D. degrees in Nanoscience and there are plans to develop degree programs in Nanoengineering. The JSNN aims to enhance the access of undergraduate and K-12 students into the fields of Nanoscience and Nanoengineering and to provide Nanoscience and Nanoengineering training for scientists and engineers already in the workforce.

The JSNN will engage in activities that influence economic development locally and globally. This program will support the entrepreneurial activities at both campuses to better transfer innovation to practice.

JSNN and its academic, research and outreach programs will position North Carolina to take advantage of the explosive economic growth expected from the next wave of nanotechnology innovation. Commercialization of fundamental research in Nanoscience and Nanoengineering is expected to have a broad impact across many industries and enable technologies that were once thought impossible.

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Joint School of Nanoscience and Nanoengineering (continued)

Ryan Named Founding Dean

James G. Ryan, a professor and researcher with 47 U.S. patents, became the founding dean of the Joint School of Nanoscience and Nanoengineering (JSNN) in July 2008. The JSNN is a collaborative project of North Carolina Agricultural and Technical State University and the University of North Carolina, Greensboro. As founding dean, Ryan is guiding the JSNN's creation, from the hiring of its faculty to the design of its building at the South Campus of the Gateway University Research Park.

Prior to JSNN, Ryan was Associate Vice President of Technology and Professor of Nanoscience in the College of Nanoscale Science and Engineering (CNSE) of the University at Albany.

From 1979 until 2005, Ryan worked for IBM in a variety of technical and managerial roles in New York and Vermont.

Dr. Ryan earned a Bachelor of Science in Chemistry in 1977, a Master of Science in Chemistry in 1978, a Master of Science in Biomedical Engineering in 1980 and a PhD in Chemistry in 1988, all from Rensselaer Polytechnic Institute in Troy, NY.



*Dr. James G. Ryan
Founding Dean, JSNN*