

The College of Nanoscale Science and Engineering (CNSE) of the University at Albany – State University of New York (SUNY) is dedicated to the education of future generations of scientists, engineers and researchers in nanotechnology and its various disciplines. Here, academia, industry and government have joined forces to advance atomic scale knowledge, educate the 21st century workforce, and spearhead economic investment and growth.

The first college in the world dedicated to nanoscience, nanoengineering, nanobioscience and nanoeconomics, CNSE has been ranked as the world's number one college for nanotechnology and microtechnology.\*

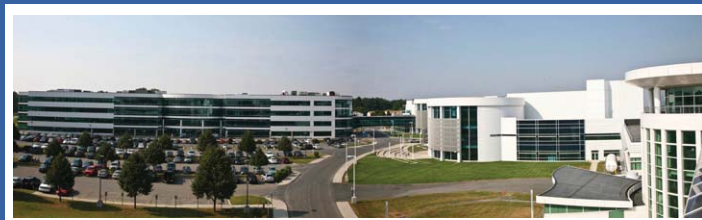


In addition, a host of leading global nanotechnology companies are co-located at CNSE's Albany NanoTech Complex – a \$4.5 billion, 800,000-square-foot research enterprise that is the most advanced in the academic world – where they are engaged in cutting-edge research and development on critical nanoscale innovations that bridge a variety of sectors, from electronics, energy and the environment to military, aerospace and information technology.

\*Ranked by *Small Times* magazine in May 2007

 COLLEGE OF NANOSCALE  
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GetNANO



The Ultimate  
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## The CNSE, HVCC & EYP partnership

CNSE and Hudson Valley Community College (HVCC) work together to provide critical education and training for students pursuing careers in the nanoelectronics industry. Together partnering with Einhorn Yaffee Prescott (EYP) Architecture & Engineering PC of Albany to create a unique initiative that represents an important step in preparing the workforce necessary to attract additional high-tech jobs, companies and investment to the Capital Region and New York State.

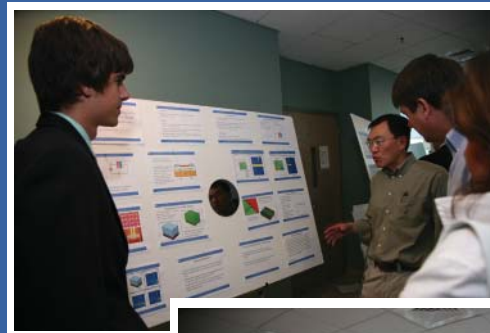
The partnerships provide Hudson Valley students with unprecedented hands-on education and training in CNSE's world-class laboratory and cleanroom facilities, addressing topic areas that are critical to the fabrication of computer nanochips in a process line, including mask preparation, wafer inspection, metal deposition, photoresist coating, etching and metrology, as well as cleanroom protocols, operations and safety training.



## The GetNano Program

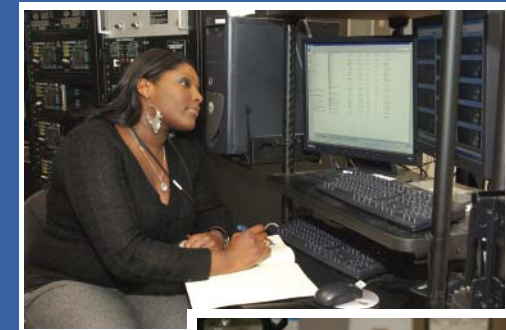
The Global Education and Training for Nanotechnology, or "GetNANO" program, as a way to ensure the development of the highly skilled workforce necessary for the design and efficient operation of state-of-the-art nanoelectronics research, development and manufacturing facilities.

The collaborative program that trains architects and engineers to design high-tech buildings and facilities with sustainability and zero energy, focusing on areas such as building information modeling, energy simulation, and system monitoring and control.



## Extraordinary Opportunities

The GetNANO program also provides for internships for undergraduate students wishing to enter design, engineering and architecture-related careers; fellowships for faculty and students with graduate, bachelor and associate degrees; and, activities for middle- and high-school students with an interest in energy and environmental engineering and design.



The GetNano program helps to fuel the Hudson Valley Region's technology workforce by providing current and future students with exciting opportunities to work in nanotechnology, while striving to keep Upstate New York on the leading edge of technology innovation.

To learn more about the GetNano program, visit:

[cnse.albany.edu](http://cnse.albany.edu)