



## Gateway University Research Park Awarded LEED® Silver Certification

**DECEMBER 20, 2010 – GREENSBORO, NC** -- Gateway University Research Park ("Gateway") announced today that Research Facility One, the first building constructed at Gateway's South Campus location in Greensboro, NC, has been awarded LEED® Silver Certification established by the U.S. Green Building Council (USGBC) and verified by the Green Building Certification Institute (GBCI).

LEED is the nation's preeminent program for the design, construction and operation of high performance green buildings.

John Merrill, Gateway's executive director stated, "We are very proud to receive this prestigious acknowledgement from the USGBC and the GBCI. Gateway has embraced the LEED concepts for the entire South Campus development. This recent green movement offers an extraordinary opportunity for projects like ours to respond to the spate of global challenges we currently face. And of course, a large undertaking such as this cannot be done independently. So we share this recognition with the team of talented partners who helped guide us through the process, specifically, BJAC Architects, Stanford White Associates, Timmons Group, Weaver Cooke Construction, and Commissioning WorCx. Without their guidance, this would not have been possible and we share this achievement with everyone involved."

"Buildings are a prime example of how human systems integrate with natural systems," said Rick Fedrizzi, President, CEO & Founding Chair, U.S. Green Building Council. "Gateway's Research Facility One project efficiently uses our natural resources and makes an immediate, positive impact on our planet, which will tremendously benefit future generations."

LEED certification of Silver was based on a number of green design and construction features that positively impact the project itself and the broader community. Some of the key factors which Gateway included as part of Research Facility One's design and construction include:

- Significant water use reduction through the installation of dual flush toilets, waterless urinals, and low flow lavatories;
- Use of paint, carpet, sealants and adhesives that were low in volatile organic compounds,
- Installation of high efficiency air filters to provide cleaner indoor air;
- Light pollution reduction measures such as interior and exterior fixtures equipped with automatic lighting sensors to automatically turn off non-essential lighting during business and non-business hours,
- Utilization of roofing materials, which significantly reduce the heat island effect;

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- Recycling materials during and after construction;
- Intentional inclusion and placement of designated parking areas proximate to the building entrance specifically designated for low-emitting and fuel efficient vehicles as well as bicycle storage facilities.

Research Facility One is an 63,000± square foot building, which opened in September 2008. The building is about 90% occupied and is home to two divisions of the Natural Resources Conservation Service of the U.S. Department of Agriculture. The facility also serves as the temporary location of the Joint School of Nanoscience and Nanoengineering, a progressive joint academic unit in research and nano-related education between North Carolina A&T State University and the University of North Carolina at Greensboro.

### **About Gateway University Research Park**

Gateway University Research Park is a joint collaboration between North Carolina A&T State University and The University of North Carolina at Greensboro and serves as a bridge to successful commercial application for the scientific research being performed at Greensboro's two high research universities. University officials expect that once fully developed, Gateway University Research Park will contribute \$50 million annually to the economy of the region.

Gateway University Research Park is a 501(c)3 not-for-profit entity created to manage and operate the joint collaboration between NCAT and UNCG for the purposes of research and economic development within the Triad. Gateway will attract, establish and/or retain businesses and organizations driven by the discovery of new knowledge and technologies. For more information, visit [www.GatewayURP.com](http://www.GatewayURP.com).

### **U.S. Green Building Council**

The Washington, D.C.-based U.S. Green Building Council is committed to a prosperous and sustainable future for our nation through cost-efficient and energy-saving green buildings. With a community comprising 80 local affiliates, more than 18,000 member companies and organizations, and more than 155,000 LEED Professional Credential holders, USGBC is the driving force of an industry that is projected to contribute \$554 billion to the U.S. gross domestic product from 2009-2013. USGBC leads an unlikely diverse constituency of builders and environmentalists, corporations and nonprofit organizations, elected officials and concerned citizens, and teachers and students. Buildings in the United States are responsible for 39% of CO2 emissions, 40% of energy consumption, 13% water consumption and 15% of GDP per year, making green building a source of significant economic and environmental opportunity. Greater building efficiency can meet 85% of future U.S. demand for energy, and a national commitment to green building has the potential to generate 2.5 million American jobs.

### **LEED®**

The U.S. Green Building Council's LEED green building certification system is the foremost program for the design, construction and operation of green buildings. Over 32,000 projects are currently participating in the commercial and institutional LEED rating systems, comprising over 9.6 billion square feet of construction space in all 50 states and 114 countries. By using less energy, LEED®-certified buildings save money for families, businesses and taxpayers; reduce greenhouse gas emissions; and contribute to a healthier environment for residents, workers and the larger community.

USGBC was co-founded by current President and CEO Rick Fedrizzi, who spent 25 years as a Fortune 500 executive. Under his 15-year leadership, the organization has become the preeminent green building,

membership, policy, standards, influential, education and research organization in the nation. For more information, visit [www.usgbc.org](http://www.usgbc.org).

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