



December 5, 2008

To: Stony Brook Campus Community

From: Barbara Chernow, Vice President for Facilities & Services

I would like to provide you with a report that details many of the renovation and improvement projects which have recently been completed or have started this year. These projects upgrade our campuses by: designing and constructing new buildings; rehabilitating spaces inside and around buildings; repairing our aging infrastructure; and continuing our efforts to save energy, reduce pollution, and improve our impact on the natural environment.

New Construction Projects

The campus continues to be the site of new construction both within existing structures and of entirely new buildings. These projects cover both residential and academic areas.

- Design for our new Campus Recreation Center is nearing completion. Expected construction start date is June 2009 with completion anticipated for Fall 2010.
- Design of the Simons Center for Geometry and Physics is soon to be complete with construction due to start Spring 2009.
- A new 172 bed facility at West Apartments has opened and construction has begun on a new 600 bed facility at Roosevelt/Kelly quad.
- Construction of a new 27,000 square foot Biomedical Engineering building is nearing completion adjacent to the Life Sciences building. Completion is scheduled for June 2009.

Building and Building Systems

Many of our buildings and building systems are undergoing much-needed repair.

- The renovation of Roth Cafeteria has been completed. We have started design for the Kelly cafeteria renovation.
- Repairs have been completed on the exteriors of Physics and Math buildings
- Rehabilitation of laboratories is underway in Chemistry, HSC, and Life Sciences buildings.
- The Chemistry building project also includes the construction of a new lobby and replacement of the air handlers and exhaust fans.
- Roof replacements are in various stages of design and construction at BST, HSC, East Power Plant, ESS, Life Sciences, Wang, Heavy Engineering and ECC.

Building and Building Systems (continued)

- Fire Alarm system replacements are underway at Melville Library, HSC, and BST.
- Elevator and escalator repairs and replacements are in various stages of design and installation at Melville Library, BST, HSC and the Math Tower.
- System upgrades of air handlers and heat exchangers are in progress at the Infirmary, Clinical Science Tower, Administration, Physics, and the Computing Center.
- Campus-wide utility replacements have begun. We are replacing the East Campus Cooling Tower, building a new electrical sub-station and replacing sections of our high temperature hot water piping and high voltage feeder lines.
- The Staller Center's main entrance storefront will be completely replaced.

Campus Plazas and Roadways

The renovation of two campus plazas has been completed and renovation of two more plazas has begun. Roadway repairs and improvements continue.

- Both Javits and Life Sciences Plazas construction work have been completed.
- Design has started on the Math/Physics Plaza as well as on areas around ESS.

Transportation & Parking Operations

Transportation and parking improvement projects have focused on safety and efficiency.

- All three parking garages have received extensive structural and cosmetic upgrades. These improvements have included repairs to the garage decks, new directional and stairwell signage, as well as new lighting.
- Some University surface parking lots have been expanded; others have been resurfaced and restriped. Two new parking lots (near the Life Sciences Library and Wang Building) will open next month.
- The University bus fleet has undergone a dramatic makeover in an effort to increase service reliability, on road safety and minimize environmental impact. As of Fall 2008, more than half of the buses run on B20 BioDiesel. The BioDiesel blend is a renewable resource and produces significantly lower emissions. The bus replacement plan continues, including the purchase of three new Blue Bird buses. By Spring 2009, more than 80% of the fleet will be model year 2006 or newer.
- Most of our fleet utilize clean gas induction technology, which serves to lower emissions. Next semester, we expect delivery of our first alternative fuel bus, which will be powered by vegetable oil that was previously used in our dining halls.
- We have rerouted some bus runs in order to better serve certain areas of campus. Enhancements to the Inner Loop, Outer Loop and Express Bus routes include expanded service hours and more frequent service.

Research and Development Park

The first phase of our master plan for this campus included establishing potential building sites, roads, utilities, walkways and parking lots. Our first new building incorporating sustainable design and construction practices is completed. Design is complete and construction has begun on our second building, and we completed the renovation in one section of an existing building.

- Construction of the Center of Excellence in Wireless and Information Technology (CEWIT) is complete. CEWIT is a 100,000 square foot building funded with \$50 million from the Empire State Development Corporation. CEWIT has state-of-the-art laboratories for research into wireless and IT technologies, flexible incubator space, and substantial computing support space, and office-oriented research space dedicated to faculty and graduate students.
- Design for the Advanced Energy Research and Technology Center (AERTC) is complete. This facility is funded by an appropriation from the New York State Legislature. It will include laboratories and specialized facilities for a consortium of University, institutional and federal researchers. We designed this building to the Platinum standard, the highest rating using the Leadership in Energy and Environmental Design (LEED) rating system. Construction started November 2008 and is scheduled to be completed Spring 2010.
- We completed phase one of the renovation of an existing 43,000 square foot building. Procurement has moved into this facility.

Stony Brook Southampton

We continue to develop a master plan for this campus. Design is complete and construction began for the new library. The library is scheduled to open Fall 2009. Short term capital improvements have been completed in the Fine Arts building, Student Center, Technology Center, Marine Science station, University Police building, Atlantic Hall, Avram Theater, greenhouse and gym. Some infrastructure improvements have been completed, rooms have been renovated in Chancellors Hall and Natural Sciences and new exterior lighting and blue light phones have been installed. Six residential buildings have been renovated.

Stony Brook Manhattan

Stony Brook Manhattan has expanded to accommodate the increased demand for classroom, seminar, and conference space. Construction is complete on another floor of leased space in a building next to the existing Stony Brook Manhattan. This new space adds approximately six classrooms, offices, a computer lab, and a gallery and reception hall. Larger gatherings, of up to 150 people, are possible in this new location, while the original site continues to host smaller events and classes.

Building Sustainable, Energy Efficient Campuses

Our participation in the American College & University Presidents Climate Commitment aims to limit or reduce University emissions of greenhouse gases in order to control global warming. Stony Brook is participating in this program through conservation, utilizing renewable energy sources and other strategies in order to make our campuses carbon neutral. This year we published our first greenhouse gas inventory. This is the first step in developing our plan to achieve carbon neutrality. Stony Brook hosts the SUNY-wide listserv for sustainability where challenges and opportunities for improvement are discussed.

Building Sustainable, Energy Efficient Campuses (continued)

- In an effort to decrease our utility costs on main campus, the University continues to implement energy conservation projects and fund these projects through savings on utility bills. These conservation measures have enabled us to make our building systems more energy efficient and have already begun to reduce Stony Brook University's expenses for energy, water, operations and maintenance. Recently, we have implemented projects to replace incandescent lamps with compact fluorescent bulbs and to install dual technology lighting sensors in offices, classrooms and common spaces. A 10 kW solar array has been installed on the renovated building in the R & D Park.
- We continue to expand our recycling programs. Our Sustainability Task Force initiated the Annual Campus Spring Move-Out program. This initiative was designed to remove reusable and recyclable items left behind in the residence halls at the end of the semester. Over 8.5 tons of furniture, small appliances, clothing and nonperishable food items were diverted from the trash stream and redirected to those in need in our local community. At the end of the two-week program 1,535 pounds of food were donated to a local food pantry, 8,192 pounds of clothing were donated to Goodwill Industries, over 4,800 pounds of paper and books were recycled, 602 pounds of students' sneakers found their way to the Nike Reuse-A-Shoe program and over 1,900 pounds of electronics and appliances were retained and re-issued in the Fall semester. Construction debris recycling was expanded to include used ceiling tiles. A new food waste composting system will be operational this semester at Roth cafeteria.

It is a pleasure to highlight some of the projects that help make this such an exciting time to be at Stony Brook. To implement these projects, we are utilizing many funding sources, including SUNY Capital Budget, Stony Brook Foundation donations, Presidential funds, grants and special appropriations from the State Legislature. We are also especially aware that these accomplishments, as well as the continued success of our many ongoing projects, rely on the ideas and concerns expressed by Stony Brook staff, faculty, students and alumni. Our mission includes keeping you informed about these projects, and our goal is to respond to your concerns.

Details for many of the projects mentioned can be found at our website: www.stonybrook.edu/facilities
Problems may be reported at: www.stonybrook.edu/fixit