



October 7, 2011

To: Stony Brook Campus Community

From: Barbara Chernow, Vice President for Facilities & Services

As we begin this academic year, I would like to provide you with a report that details many of the Stony Brook University Facilities & Services projects which have recently been completed or have started this year. These projects improve our campuses by: designing and constructing new buildings; rehabilitating spaces inside and around buildings; repairing our aging infrastructure; making our campuses safer; and continuing our efforts to save energy, reduce pollution, and minimize our impact on the natural environment.

New Construction Projects

Our campuses continue to be the sites of new construction both within existing structures and of entirely new buildings. These projects include academic, residential and recreational facilities. All of our new buildings will seek LEED silver rating or better.

- The design process has started for a Medical and Research Translational (MART) building. This 250,000 gross square foot, eight story facility will be the University's new headquarters for cancer research, advanced medical imaging and cancer care. The building will be located on East Campus adjacent to a planned Bed Tower addition.
- Construction began six months early on the rehabilitation and expansion of the Old Chemistry building. This project will transform the facility into a state-of-the-art classroom building with three 250 seat lecture halls. Construction is scheduled to be completed by Fall 2013.
- Design is underway for a new 700 bed residence hall and 60,000 square foot dining hall. This new facility will be located east of the Student Union.
- Programming has begun for a complete renovation of the Student Union building.
- Planning is underway for a 400 bed graduate and professional student housing complex located on the East Campus, south of Chapin Apartments. Design is expected to begin in late Fall 2011.
- Basketball arena construction funding has been approved; the project will reconfigure the layout of the arena, and add lighting and air conditioning.
- Design for the renovation of the Pritchard pool has started. Construction is scheduled to begin in late Fall 2012.
- Simons Center for Geometry and Physics will add an outdoor north garden and enclose the outdoor balcony on the second floor.
- The Student Recreation Center is expected to be completed by the Fall of 2012. Site remediation has been completed.
- The Laufer Center for Physical and Quantitative Biology is under construction in the old Life Sciences Library. The project is scheduled to be completed this semester.

New Construction Projects (continued)

- Kelly Cafeteria construction has begun. The new addition to this facility is scheduled to be completed in late Fall 2012. Renovation of the existing building will start once the addition is completed.
- The Dubin Center, a state-of-the-art strength and conditioning facility for our athletes, is under construction. Funding for this project is provided by a gift from the Dubin Family.
- The running track renovation is complete. This project provides the main campus with a Division I quality track.
- The Joe Nathan Baseball Field has been completed. New components include fences, drainage, bullpens, dugouts and a high-quality, low-maintenance playing surface.
- Design for a new Marine Science Center at Stony Brook Southampton is complete. The new Center will contain approximately 10,000 square feet of space and become the home for all Marine Science programs at the Southampton campus.
- Design for a new 55,000 square foot Computer Science building has been completed. Location for the new building is adjacent to the existing Computer Science building.

Buildings and Building Systems

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

- Design has begun for the replacement of all main electric transmission lines on both East and West Campus.
- Javits building design continues. This project will repair the building's infrastructure as well as equip the lecture halls with state-of-the-art audiovisual equipment.
- Design is underway for window replacement at SBS and Psychology. Construction is expected to begin in Summer 2012.
- Phases 1 and 2 of the replacement of all direct buried High Temperature Hot Water piping are complete. Phase 3 will begin in late September and will replace the remaining original piping, which is over 40 years old.
- Roof replacements for many South Campus buildings and Wang, Library, and ECC are underway. Design for replacement of the Chemistry roof continues.
- The Earth and Space Sciences building renovation project began Summer 2011. This project includes replacement of all roof exhaust fans as well as window replacement, new roofing and other building exterior repairs.
- Physics, SBS and Chemistry building ceilings and lights are being replaced in all common areas and corridors.
- The Life Sciences building will have four major air handlers, as well as a cooling tower and internal water piping, replaced.
- The Staller Center storefront and doors have been replaced and the exterior building façade has been painted and waterproofed.
- My Laundry Station equipment has been installed on Level 1 of the Administration Parking Garage and at the South P Parking Lot, providing additional sources for convenient laundry and dry cleaning services on campus.

Campus Roadways, Walkways and Bike Paths

Roadway and walkway improvements continue.

- North Entrance roadway safety improvements are on schedule and will be completed by Winter 2011.
- Design for Toll Drive safety improvements continue.
- Design to add walkways and lighting to South Campus is nearly complete. Construction is scheduled to begin in Summer 2012.

Transportation & Parking Operations

Transportation and parking projects have focused on improving services and minimizing our carbon footprint.

- SBU's bus fleet continues to become more fuel efficient and environmentally friendly through new vehicle purchases and existing vehicle conversions. Latest additions to our bus fleet include 10 buses which are EPA 2010 emissions compliant, 3 hybrid shuttles, 1 plug-in electric bus and 1 alternative fuel bus which is powered by used vegetable oil from our dining halls. Ninety two percent of the fleet is model year 2006 or newer.
- Fall 2011 marks the launch of SBU's Smart Transit Program. This passenger information system will communicate bus arrival times and current bus locations using GPS technology. This new service enhancement will allow passengers to view live transit information via computer, smart phone or other internet connected mobile device and help SBU improve bus routes. The system was developed by our faculty and students through a partnership between Facilities & Services, CEWIT, the College of Engineering and the Department of Computer Sciences. The Hospital/Chapin and Railroad bus routes will be the first to be linked into this new system. The Smart Transit Program will be phased in system-wide over time.
- Nobel Halls and Life Sciences bus shelters have been improved through the addition of energy efficient, solar powered bus shelter lights. Improvements to Wolfie's Hut in South P Lot are underway, including new roofing, flooring, waiting room benches and upgraded heating.
- SBU's bus wrap program was begun in 2010-11. This better protects the exterior of our bus fleet and enables us to highlight student-related events and programs. To date, programs that have been showcased on our buses include Stony Brook Athletics, Stony Brook Motorsports, Roth Regatta, Stony Brook Marching Band and Earthstock.
- Many surface parking lots have been improved to meet the growing needs of the University. Improvements include the resurfacing and expansion of South P Lot, and the restriping of other parking lots.
- The Administration Parking Garage continues to undergo safety improvements and preventative maintenance. This work includes repairs on expansion joints and concrete walls, installation of waterproof membranes, and refurbishment of stair towers.

University Police and Office of Emergency Management

University Police continue to enhance safety programs on campus.

- University Police have been participating in orientations for freshmen and transfer students focusing on safety initiatives implemented and enhanced during the past year. These efforts include the Rape Aggression Defense (RAD) program being offered to students, and collaboration with Residential Hall Directors providing crime prevention seminars designed to minimize the potential of becoming a crime victim.
- The 2011 Annual Security Report, containing crime statistics for calendar years 2008 to 2010, has been published. This report indicates a significant reduction in crime for calendar year 2010, which continues a three year trend of making Stony Brook a safer campus. To see the most recently available Annual Security Report, go to www.stonybrook.edu/police/annual-security-report/index.shtml.

The Office of Emergency Management continues to launch new initiatives to better protect the campus community.

- The new SB Guardian system enhances the safety of all students, faculty and staff on campus by providing detailed information to emergency responders and allowing users a one-touch call to University Police. A "personal blue light phone in your pocket", the Guardian system provides panic and timer modes which can be programmed into users' cellular devices. For more information or to build your personalized SB Guardian profile, visit www.stonybrook.edu/emergency/guardian.
- Electronic security infrastructure throughout the campus continues to be enhanced. Several projects are underway to better protect areas including the academic mall, residence halls, parking garages, and academic buildings. Please visit the Access Control Website at www.stonybrook.edu/emergency/accesscontrol for more information.
- The SB Alert system is available to transmit emergency notifications to the campus community. There are now over 44,000 users signed up to receive text, voice or e-mail messages and participation in this program is continuing to grow. All members of the campus community should visit www.stonybrook.edu/emergency/alerts.shtml to register or to update their user information.

Environmental Health and Safety

Environmental Health and Safety projects increase the awareness of and involvement in campus safety programs.

- The number of fire alarms in 2010 decreased by more than 15% from the prior year. This trend has continued in the first half of 2011 with an additional 10% reduction from the same period in 2010. The decrease is due to improvements in engineering, education, and enforcement. Fire alarm system upgrades have been completed in the Melville Library and Roth Quad. Upgrades are in progress in SBS and the Health Sciences Center.
- SBU Fire Marshals have conducted our annual program to raise awareness about fire safety on campus. The program includes training, displays and demonstrations with fire, hazardous materials and emergency management agencies. Please visit www.stonybrook.edu/ehs/fire/prevention.shtml for more information.
- SBU's library of on-line safety training courses available through the Blackboard e-Education platform continues to grow. To view the entire list and available classroom training from EH&S, and to learn more about the new on-line registration system, please visit www.stonybrook.edu/ehs/training/

Working Toward Sustainable, Energy Efficient Campuses

Facilities & Services continues to take a leading role in promoting and implementing sustainable practices campus-wide. Conservation measures have enabled us to make our building systems more energy efficient and have reduced expenses for energy, water, operations and maintenance. Our efforts this year have continued in the areas of energy conservation, greenhouse gas reduction, recycling programs, transportation demand management and community awareness. Many of our efforts are highlighted on our Green Stony Brook map. Please visit at www.stonybrook.edu/sustainability/green-map/.

- Funding has been secured to replace the equipment within the West Campus Heating and Cooling Plant with state-of-the-art, energy efficient systems. This project is currently in the design award stage.
- More efficient chillers are being designed for the East Campus Heating and Cooling Plant.
- Installation of occupancy sensors and daylighting controls in hallways and offices in the Social and Behavioral Sciences building is underway.
- A Bike Share program for students has been implemented. For more information please visit: www.stonybrook.edu/sustainability/bike-share-program.shtml
- A new car-sharing program, WeCar, is now available to all faculty, staff and students. This program will encourage carpooling and reduce greenhouse gases associated with driving single-occupancy vehicles.
- Installation of solar-powered trash compactors for waste disposal, introduced on the Academic Mall, has been expanded.

Facilities Master Plan

A draft Facilities Master Plan has been completed with assistance from the New York State University Construction Fund. This Plan supports the University's strategic academic and research goals, enrollment projections, and environmental stewardship principles. It covers a ten year period beginning in 2013 and will be used to generate capital funding requests sent to the Governor and the New York State Legislature.

It is a pleasure to highlight some of the projects Facilities & Services has been working on at Stony Brook. To make these projects possible, we are utilizing funds from various sources, including SUNY Capital Budget, Stony Brook Foundation donations, Presidential funds, grants and special appropriations from the State Legislature. We are also keenly aware that these accomplishments, as well as the continued success of our many ongoing projects, rely on the ideas of and feedback from Stony Brook faculty, staff, 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 in this report can be found at our website: www.stonybrook.edu/facilities. Building and grounds problems may be reported at: www.stonybrook.edu/fixit

