

Stony Brook University's

SUSTAINABILITY

SB BROOK

News, Events, and Resources
for All Things
Sustainable



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600-Bed Residence Hall & Activity Center

Goshow Architects provided design services for this new \$50 million, 604-bed student residence facility. The 173,000 sq.ft. building, currently under construction, consists of 104 suite-style apartments that are divided between two separate residences; Kelly Quad and Roosevelt Quad each contain approximately 300 beds. Each suite will have 3 double bedrooms, a common living room, and a toilet room with a separate shower room. The apartments are equipped with heating ventilation, air-conditioning systems, smoke detectors, and sprinklers in the living rooms and bedrooms. Common elements such as lounges, small kitchens and student laundry rooms are located on the ground floor of both Kelly & Roosevelt sections of the building. The Activity Center also houses offices, a café/lounge on the first floor, and a 350 person meeting room on the second floor.

This project, which is currently under construction, incorporates sustainable design strategies and is currently registered under the United States Green Building Council's (USGBC) Leadership in Energy and Environmental Design (LEED) program.

Insulated metal panels were used for the exterior cladding creating a highly insulated building envelope while incorporating materials with high recycled content. The interior of the building includes materials such as linoleum flooring and agrifiber door cores. The paints, sealants, adhesives, and composite wood products will contain no added urea formaldehyde in order to provide excellent indoor air quality for the students residing in this building. In order to improve the energy efficiency throughout the building, occupancy sensors will be utilized to control the lighting as well as the HVAC system. While this project was required to achieve a LEED Silver rating as a result of Executive Order 111, with added "green" features this building is on track to receiving a LEED Gold Rating.



UPCOMING EVENTS

September 9, 2009

Chemicals and The Home - Inside and Out
Port Jefferson Village Library

SBU Move Out Program

Stony Brook University students looking ahead to their end-of-semester move out have more options when it comes to disposing of unwanted items, thanks to the End of Semester Move Out program.

Now in its second year, the Move Out Program aims to collect reusable items in order to divert them from the waste stream. These items are either donated to local charities or stored on campus until the following semester when they are redistributed to incoming students ("FreeCycle").

During the recent Spring 2009 Move Out event, students were encouraged to drop off reusable items such as books and paper, non-perishable food items, office supplies, small appliances and electronics, shoes, clothing and linens into the collection bins that were located in the lobby/common rooms of all residential buildings. Many students eagerly participated in the event, and the program collected a total of 14,344 pounds of material that would normally have cluttered the landfills. Instead, these items were collected and sorted to be recycled, FreeCycled or donated.

We would like to thank everyone for their contributions towards making the program a success once again.

If you have any questions about the Move Out program, please call Recycling and Resource Management at 2-4925.

What can YOU donate?

- **Books and Paper** - Please make sure the paper is CLEAN and DRY! Please remove metal spirals and plastic covers of notebooks.
- **Office Supplies** - Binders, staplers, paper-clips, pens, pencils, tape, scissors, mouse pads, pencil sharpeners, folders, hole punchers, etc.
- **Electronics & Small Appliances** - Computers, Laptops, Scanners, Keyboards, Mice, Televisions, Cell Phones, Monitors and Printers are all acceptable!
- **Shoes** - Donate old shoes to Nike's Reuse-A-Shoe Program
- **Clothing & Linens** - Please donate CLEAN unwanted clothing and linens. Even torn clothing can be donated - they can be recycled into rags, writing paper, and pencils!

November 7, 2009

Second Annual Information Fair - The Green Home
Port Jefferson Village Center

A New Food Court Brings Forth More Variety & A Greener Campus

After a year and a half renovation, the Roth Food Court is open once again. The changes at the Roth Food Court are not just physical, but philosophical as well. As part of the launch of a very serious sustainability initiative, Roth Food Court is now home to a composting unit that utilizes aerobic decomposition to process food service waste while avoiding odor and pest problems. Stony Brook University was the first campus in New York State, and the first location on Long Island, to introduce this particular type of commercial composter, also called an “in-vessel” composter. This technology, along with the efforts of Faculty Student Association (FSA) staff members Pete Nathanson and Tony Gentile, allows Stony Brook University to turn kitchen waste from the dining center into beneficial compost. Pete and Tony have dedicated a significant amount of their time, in addition to their regular duties, to get the composter process working efficiently. It is anticipated that many of the new biodegradable consumer food packaging products, including paper to-go containers, will also be converted to compost. The compost is being used to enrich the campus landscaping at both the Stony Brook and Southampton campuses. By diverting waste from the landfill, we are shrinking our ecological footprint, reducing our waste management and landscaping costs, reducing the consumption of fossil fuels (for transport of waste), decreasing pre- and post-consumer waste, producing healthy soil, and creating new learning and research opportunities for faculty and students. The degradation of food waste under aerobic conditions, instead of under anaerobic conditions that exist in a landfill, avoids the production of methane, a powerful greenhouse gas, as a by-product.

Also at Roth Food Court, as well as at other food service locations, Campus Dining Services has implemented programs to measure and record food waste in the kitchen. “Legitimate” food waste, such as vegetable peels, as well as that from produce expiring and over production, is collected and measured. Over time, Dining Services can see a complete picture of what is being disposed of and then implement strategies to reduce unnecessary waste. Following a pilot program developed on the Stony Brook Southampton campus, customers will soon be asked to sort their waste into separate bins: compostable, recyclable, and remaining trash.

On the west campus, dining service operations, including those operated by Campus Dining Services and Jasmine, now provide all biodegradable food packaging and utensils. In the 2007-2008 academic year alone, over one million take-out containers were used throughout campus. Take-out containers made from traditional plastic ended up in a landfill with each one taking more than 400 years to biodegrade. It is anticipated that the new take-out containers, such as those made from Polylactic Acid (PLA) plastic derived from corn, napkins made from unbleached recycled paper, and all plates and clamshell containers made from pre-consumer recycled paper, can be quickly turned into compost under aerobic conditions using the Roth in-vessel composter. FSA continually strives to implement practices that are in line with Stony Brook University’s commitment to environmental sustainability, and is looking forward to utilizing additional composting units in coming years.

Recyclemania Results

Category	Description	Total # of Schools Entered	SBU's Standing	# of NY Schools Entered	SBU's Standing in NY
Gorilla Prize	Which school can collect the highest gross tonnage of recyclables, regardless of campus population	293	16	21	2
Per Capita Classic	Which school can collect the largest amount of acceptable recyclables per person	293	66	21	7
Waste Minimization	Which school produces the least amount of municipal solid waste per person	148	136	14	12
Grand Champion	Which school demonstrates the greatest achievement in both source reduction and recycling	206	159	17	14
Targeted Material - Paper	Which school can recycle the largest amount of paper per person	204	36	13	2

Energy Tips *Less expensive in the long run!*

When buying new products, look for the Energy Star® label, found on more than 40 different types of products such as TVs, furnaces, cell phones, refrigerators, air conditioners and more. For more info visit www.energystar.gov.

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IT ALL ADDS UP!

Reduce Your Carbon Footprint



Composting keeps food waste and yard debris out of landfills. Waste in landfills is no longer exposed to oxygen, therefore producing ozone-damaging methane gas, a significant contributor to global warming.