

California State University, San Bernardino Green Campus Program **Green at a Glance**

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Get involved!

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Summer Energy Saving Tips

- ❖ Study outside to conserve energy inside.
- ❖ Close window shades to keep the heat out.
- ❖ Open windows at night to allow for cool and fresh air ventilation.
- ❖ Replace your incandescent (and heat generating) light bulbs with cool ENERGY STAR® qualified compact fluorescent lamps (CFL)

Vending Machines: Additional Opportunities to Save Energy

By Ashley O'Neill

Recently hired Green Campus interns, Mark Darby and Ashley O'Neill, surveyed the CSUSB campus buildings to record fifty vending machine locations and their corresponding model numbers. Timers will be installed on forty of the vending machines that are able to provide adequate energy consumption data for baseline and future recordings.

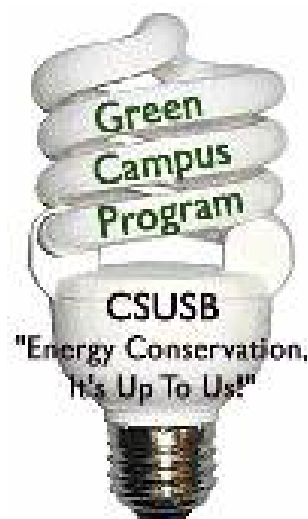
Currently, the campus has placed a work order for Facilities staff to install the timers on the designated vending machines. The interns plan to collaborate with their Facilities folks to track the energy consumption and resulting savings data of these machines in the coming months.

Resident Assistant Energy Awareness Program

By Mark Darby

On June 9, 2006 Debbie Christ, the Resident Assistant for Morongo Hall, held a poster decorating event to promote energy conservation to the fifteen residents who attended her program. The students were asked to write their number one way of saving energy. Debbie took their photos and placed them next to their corresponding energy saving tips, which were then made into posters that were displayed in Morongo Hall.

Some of the ideas that the residents developed included: taking the stairs instead of the elevator, turning off lights when they are not needed, and studying outside to conserve energy. Debbie's interactive educational program entered her into Green Campus' RA Energy Awareness Contest for the spring quarter.



Santa Barbara Sustainability Conference and the End of the Year Meeting

By Oksana Harris

The annual UC/CSU/CCC Sustainability Conference, titled "Turning the Tide: Implementing Sustainable Strategies" took place on June 25 through June 28 at the UC Santa Barbara campus this year. Ashley, Felicity and Oksana, three of the four CSUSB Green Campus Team interns, attended the conference as well as the Green Campus Program End of the Year Meeting held prior to the conference. They had an opportunity to meet with interns and staff from other campuses, network, and share programming and project tips. The conference attracted many staff members from various campuses. They came to share their expertise in areas of sustainability that campuses sought to address, including but not limited to Green Building projects, green purchasing, and reducing waste in dining facilities.

During the conference, an award ceremony was held to congratulate noteworthy campuses that have made particularly remarkable strides towards becoming more sustainable. The Best Practice Award for Best Lighting Design was presented to Sonoma State; Best HVAC Design to UC San Diego and Sonoma; Best Integrated Design Process to UC Berkeley; Best Overall Sustainable Design to UC Los Angeles, Sonoma State and UC San Francisco; Best Lighting Retrofit to CSU Dominguez Hills and UC Davis; Best HVAC Retrofit to Cal Poly San Louis Obispo and UC San Diego; Best Load Management Program to UC San Diego; Innovative Waste Reduction to CSU Chico and UC Davis, Best Monitoring Based Commissioning to UC San Francisco and San Diego State University; Buy Recycled to Humboldt Sate University and UC Merced. Among these, CSUSB and UC Santa Barbara were proud to receive an award for Best Practices in Student-led Energy Conservation Programs.

We would like to thank all the CSUSB staff and administration members for their support over the past two years. Their valuable support contributed to CSUSB Green Campus' award.



Ashley, Oksana, and Felicity display their UC/CSU/IOU Energy Efficiency Partnership Best Practices Award in Student-led Energy Conservation

Housing and Residential Life Meeting

By Ashley O'Neill

On July the 11th Oksana Harris and Ashley O'Neill met with Juan Regalado and Christine Bender of Housing and Residential Life. The bulk of their discussion concerned Housing improvement projects, such as including power strips as a part of the permanent furniture in the residence halls.

The interns will purchase 100 surge protectors to install in the "First Year Experience Halls." Juan, Christine, Oksana, and Ashley decided that these halls would be ideal locations to incorporate the power strips because these halls will accommodate new students that are young, open to new ideas, and most likely more inclined to change their behaviors to mimic those advocated by their Resident Assistants.

The interns will encourage the proper use of the power strips by posting flyers that describe how to use them to save energy in the halls. The interns will also adhere stickers onto the power strips that disseminate the same information, and request the RAs to pass on the educational information to their residents in the fall.

Green Campus also plans to reinforce positive behaviors by posting thank you signs for taking the stairs or turning off the lights. This may increase potential energy savings, drive healthier habits, raise awareness, and create an overall, more environmentally conscious atmosphere for



First Year Experience Halls:
Shandin and Badger.

our school. The Housing Department approved these projects, in addition to many others that the interns intend to conduct in the coming academic year.

Energy Savings

Assuming 15 watt CFLs replace 60 watt incandescent bulbs and are used 4hrs/day for 270 days (one academic year); \$0.12 per KWh electric rate.

<u>Savings for light bulb giveaway programs</u>	
120*60*4*270/1000.....	7,776 kWh
120*15*4*270/1000.....	1,944 kWh
kWh Savings.....	5,832 kWh
Cost Savings.....	\$700

Approximately 280 residents participated in these events.

Upcoming Projects and Events

- Replacing incandescent bulbs with CFLs in the Heating and Air underground tunnel.
- Holding a "Go Green" event at the Riverside Metropolitan Museum.
- Posting thank you signs on campus to encourage students, faculty, and staff to use the stairs.
- Incorporating power strips as permanent property items in the residence halls.
- Conducting Welcome Week festivities for incoming freshmen.

We Will Miss You, Felicity!

As many of you may know, Felicity Blue has moved on to bigger and better things. She will no longer be working with the Green Campus program, but she will always be with us in our hearts.

Two years ago, Felicity built the Green Campus program from the ground up, and it was all of her hard work and never-give-up attitude that helped make this program



CSUSB Green Campus beginnings: former interns Felicity Blue and Lisette Ortiz

Good Luck!

survive and flourish.

Felicity will be teaching art to the eager young minds of tomorrow at AB Miller High School in Fontana California (as well as getting married on August 6th).

Thank you so much for all of your hard work and your positive, reassuring attitude. We will miss you, Felicity! Good luck and best wishes in all that you do!



Interns take a moment to pose for the camera at the Green Campus End of the Year Meeting at the UC/CSU Sustainability Conference



The Alliance to Save Energy's "Green Campus Program" is funded by the California Ratepayers under the auspices of the California Public Utilities Commission.