

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

Summer Edition

By Ashley O'Neill & Jennifer Loveless

Issue 18, August 5, 2007

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What's Next for the CSUSB Green Campus Team?

- More Office Energy Surveys
- Welcome Week Festivities with CSUSB Housing and incoming residents
- Green Apartment Battles

Get involved!

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CSUSB Welcomes a New Intern

The CSUSB Green Campus Program (GCP) would like to welcome its newest intern, Jennifer Loveless. GCP is thrilled to have this wonderful, highly qualified young lady join the green team! Jennifer is majoring in Business Administration with a concentration in Entrepreneurship. She plans to graduate CSUSB with a Bachelors of Arts degree in 2009. Before Jennifer joined the Green Campus Program, she held the position of the Catering Coordinator for CSUSB for a full academic year. Now, however, she's looking forward to pursuing her interest in building a more sustainable campus and educating the campus community about energy efficiency. Together, Jennifer and Ashley O'Neill, CSUSB's continuing GCP intern, will head up the program over the course of the coming academic year with many interesting and exciting projects to look forward to.



Jennifer Loveless, the latest addition to the CSUSB Green Campus Team.

Energy Saving Tips for your office

- Use Half lights or the sunlight, studies have shown that moods and performance increase with a little sunshine!
- About 15% of an office's energy consumption is due to electricity being drawn from an appliance while it is off but still plugged in.
 - Plug your appliances into a power strip and switch it off when you leave for the day.



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



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SAVE ENERGY**
Creating an Energy-Efficient World

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Office Energy Surveys

Office energy surveys have been the number one focus for the summer here at Cal State San Bernardino! The Green Campus Program has been hard at work coming up with new ideas of how to engage the offices on campus. Ashley and Jenny came up with the idea to use the campus wide email and a little enticement to get their attention. They sent out an email instructing that the survey will not only help save energy on campus but also only take 30 minutes of their time, give them a break from their 10 hour day, and enter them in a drawing for free lunch for the whole office!

The response was instantaneous. They received 10 emails within the first day and up until now have done 5 departments (each department including an average of 7 offices), and 3 other personal offices. Each survey includes lighting, fax and copy machines, computers, printers, speakers, cell phone chargers, clocks, fans, heaters and etc. The entire survey process is carefully explained to the office occupants so that they may be better equipped to pass on the information they have learned to others.

In many of the office surveys, lighting accounted for an average of 50% of the office's energy consumption. Other appliances were copy machines, small refrigerators, small heaters and computers. In the Green Campus's recommendations they suggested half lights which could cut their energy bill in half, using natural light for energy savings and a happy staff, using timers on big appliances, using a blanket rather than a heater and the simple use of a power strip for CPU's and monitors.

For now the Green Campus Program will continue in their efforts to survey as many campus offices as possible and continue to suggest energy efficient behaviors that can save substantial amounts of energy and money for the university.

Thank you to all of the people that have participated in these surveys at CSUSB and we hope you don't mind are continued visits!



Jennifer Loveless presenting Mark Hartley with his Green Campus Office Energy Efficiency Certificate



Credential Assistance for Students in Education (C.A.S.E.) office staff accepting their certificate

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A Day in the Life of Southern California Edison...

On July 17, 2007, the CSUSB Green Campus Program took a trip down to Southern California Edison's Customer Technology Application Center (CTAC) in Irwindale, California where they learned about energy efficiency and the auditing process. One interesting tip that GCP brought home from the training was the fact that each temperature produces its own unique color; the cooler the temperature on a lamp the warmer the light produced and vice versa. If you are a person that enjoys the warm, yellowish color of light that an incandescent bulb produces, you can still get that color with a compact fluorescent lamp at a temperature of 2,700 Kelvin.

During the auditing section, the interns learned about some of the activities included in a lighting audit:

- Reduce the lamps' operating hours
- Reduce the number of lamps
- Replace lamps with compact fluorescents
- Use half lights

Another tip is to use a window rather than artificial light. It has been proved to produce happier people in the workplace and a decrease of sick days.

They also took the time to inform all attendees about the MAPS Program (Edison's intern program) and also about starting a career there at Southern California Edison. The training was geared towards people uneducated in the area of energy efficiency. Southern California Edison holds trainings in all types of areas for anyone interested and they can be found on their website.



So. Cal Green Campus interns and Alliance to Save Energy staff pose with SCE personnel at CTAC in Irwindale.

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Annual Summer Meeting with Housing

On Monday, July 9th, the Green Campus Program met with the Coordinator of Judicial and Residential Programs, Christine Jordan, and her student Program Coordinators. They discussed past projects they collaborated on and what they wish to team up for in the up and coming academic year. The other main focus of this meeting was to get started on planning out the Welcome Week event for the residents who will be moving in the third weekend of September.

Together they decided on future projects that will be taking place in the fall quarter. They plan to continue with the "Phantom Load Campaign," which was started last winter, by keeping the power strips that Green Campus provided in the two resident halls, and continue with education on Phantom Loads. When the residents move in, Door-to-Door CFL (Compact Fluorescent Lamp) exchanges and Green Apartment Battles will kick off the new year.

To all the Housing staff: Thanks for everything and we know it is going to be another great year!

Energy Savings for Office Surveys (July-August)

(These savings calculations are based on the assumption that the offices adopt GCP's savings recommendations.)

C.A.S.E. Department.....	589.20 KWh/yr 20% savings
College of Arts & Letters.....	771.84 KWh/yr 15% savings
Student Leadership & Development.....	1,389.22KWh/yr 38% savings
Environmental Health..... & Safety	1,629.84KWh/yr 46% savings
Mild and Moderate Disabilities.....	477.70KWh/yr 47% savings
Liberal Studies Department.....	2,250.62KWh/yr 36% savings
Kim Nicholl's (Academic Scheduling) Personal Office.....	136.70KWh/yr 22% savings
Total Savings.....	7,245.12 KWh/yr
7,245.12KWh/yr*\$0.12 per KWh=.....	\$869.41 saved annually