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2013



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BATTLE OF THE BUILDINGS

EPA's NATIONAL BUILDING COMPETITION



Battle of the Buildings

By Sony Bui

This upcoming quarter, the PowerSave Campus would like to announce the beginning of a national competition called The Battle of the Buildings. The Battle of the Buildings Competition was first launched in 2010 with only 14 competitors participating. The winner in 2010 reduced their energy usage by 35.7%, saved 11.7 million kBTU of energy, and prevented 733 metric tons of greenhouse gas emissions. Since then, more competitors join the race every year, and the energy savings multiply with every competition. This year, more than 3,200 competitors are going against each others in EPA's 2013 Energy Star National Building Competition to see which building can reduce the most energy usage! The competition will be comparing a building EUI (energy use intensity) between two 12-month periods. The competitor that demonstrates the greatest percent-based reduction in weather-normalized EUI across these two periods will be recognized as the winner in spring 2013. Let the game begin!

Chancellor Campus as a Living Lab Grant Program

By Lynae Salgado

Since early May the PSC interns have been working on a proposal for The CSU, Office of the Chancellor Campus as a Living Lab Grant Program. The goal of the program is to offer opportunities for students to apply theories and concepts of sustainability on campus as a living lab. To do so, applicants could propose integrating these goals into an existing course, create an entirely new course, or develop a learning community centered on sustainability. The interns worked closely with Manager of Energy Services, George Lwin. In addition to working with Dawn Finely, Job Location Development Coordinator, Monika Kamboures, Sustainability Coordinator and campus Human Resources. All provided a huge amount of experience in grant writing, tremendous support, and great ideas for our proposal.

Our team's goals for the grant is to develop a learning community on campus that would help integrate campus faculty and facilities by developing an internship opportunity for students. The internship would allow students to get hands-on experience with the close aid of faculty and facilities with campus issues in sustainability. The team submitted the final proposal and now await for the winner to be announced in early September!

Thank you again to everyone who helped us develop this proposal and shared our goal for this project.

Library Lighting Audit

By Brandon Sauer

The PowerSave Campus Team was asked by Facilities Managements’ George Lwin for assistance with a lighting audit in the library, with hopes for a possible retrofit in the future. The team ventured to the library, equipped with a spreadsheet and a tape measure to count every fixture and measure ceiling heights in the older section of the library. The team started at the top floor and split each floor into sections to count and describe the fixture types. After each floor was completely accounted for, the team translated the information from the spreadsheet onto a floorplan of each floor. The team continued this method of surveying on floors 6 through 4 where the light fixtures were still using old fixtures and bulbs. The next step in the audit is to compile an estimate with George Lwin to find out how much energy can potentially be saved through a retrofit, which the interns may also be able to assist with the future. This kind of hands on experience is just one of the many ways that the PowerSave Campus Program presents students with real skills that they can carry into the Sustainable Workforce in the future.

Bottom left: The older section of the library can be clearly seen in its red colored facade. Bottom right: Intern Sony Bui counting fixtures in the private study rooms that students were using for their summer classes.



WE'RE HIRING!

The team is looking for CPP self-motivated students that have experience, or a great interest in sustainability for the position of Project Coordinator Intern. The student position is a paid internship working with other PSC interns for approximately 7-10 hours weekly. Interns work on self-implemented projects focusing on educating the campus community on energy efficiency; achieving energy savings; and encouraging the next generation of energy efficiency professionals.

If interested in this great opportunity to gain professional experience in the growing field of green careers;

Please submit a **resume**, **cover letter** and **2-pg writing sample** to greencampus.cpp@gmail.com

Due October 11, 2013

For for information please check out our website,
www.powersavecampuscpp.org

ASI Campus Recreation

By Sony Bui

This summer, the Campus Recreation Center in the BSC, led by Ross Bennett, was Green Space Certified! The PowerSave Campus would like to congratulate Ross Bennett and his office in becoming certified. As the Green Delegate for his office, Ross worked with the PSC interns going through the Green Space Assessment list checking off small energy saving tips and awarenesses. Over the summer, Ross' office adopted new methods of saving energy by enabling power save modes for printers, installing power strips for office spaces, and delegating staffs the task of unplugging any electronic device that is not needed. Although these are some of the little ways, together they can make a big impact in the long run. Again, congratulations to Ross and his office on their certification and their outstanding work leading to higher sustainability!

Interested about the Green Space Program? You can learn more about it at our website at <http://www.powersavecampuscpp.org/greenspace.htm> or send us an email at greencampus.cpp@gmail.com if you have any questions.



Project Update: WIFI Thermostats

By Brandon Sauer

Before the school year ended, the PowerSave Campus interns installed two Wifi Thermostats in the Farm Store with the help of Facilities Management and Planning. These thermostats have the capability to be connected to a wireless network and can thus be accessed and changed remotely from a central location. These two thermostats are acting as a pilot program to hopefully spread across the campus in the future. In order to gain data on the potential savings of this project, the interns changed the settings on the thermostats to more efficient settings on the first of June in hopes to get a full month of energy savings data by July first. Unfortunately, the meter that was supposed to measure the energy savings was not functioning properly during that month. After resetting the meter, the interns await their results.

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