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the GREEN INSIDER



FIRST EVER

WEBINAR PRESENTATION

Webinar

Web-based seminar
live online educational presentation
viewers can submit questions
see slides while the speaker
interactive elements - the a

PHOO KHINE

The PowerSave Campus team at Cal Poly Pomona have been coordinating projects since 2009 and now we want to share about our projects with you all. The first ever webinar will be held on October 2nd at 4:15 PM PST, entitled "The Implementation of Projects around Cal Poly Pomona Campus".

The webinar is aimed for high school students who want to learn more about college and green projects on campus. Webinar registration emails are blasted out to more than 10 high school clubs and College and Career Centers in high schools. The PowerSave Campus team is excited to share their projects to high school students and will be answering questions about projects implementation, green careers and even about college life!

Our team is also planning to continue giving the webinar presentation during the academic year so that everyone can learn more about our program and projects. We will be posting the webinar registration once every two months on our website so don't forget to check it out!



ENERGY SAVINGS



The Cal Poly Pomona campus is riddled with various computer labs that students can utilize on a daily basis. With all of these computers running, the campus tends to use up more energy than it would like which is why the PowerSave Campus at Cal Poly Pomona is planning on instituting “smart” power strips in the upcoming school year. These “smart” power strips reduce the power consumed by electronic products that continue to draw power from the wall even when they’re turned off. Physically unplugging your computer or other various electronics from the wall when not in use is not the most practical idea ever so “smart” power strips essentially do it for you. There are three types of “smart” power strips:

1. Timer-equipped power strips have outlets that are controlled by programmable timers. Devices plugged into them can be scheduled to automatically turn off at designated times in the day.
2. Occupancy sensing power strips have outlets that are controlled by a motion detector. Devices plugged into them can automatically turn off or on in response to your physical presence, or after a user-defined period of time elapses (anywhere from 30 seconds to 60 minutes).
3. Current sensing power strips automatically turn several outlets off or on when they detect that a monitor (plugged into the “master outlet”) either enters a low powered sleep mode, is turned off, or is turned on. These power strips are used in combination with monitor power management features so they can essentially turn any electronic device on or off.

The current sensing power strips would suit our needs in the computer labs perfectly. Currently we are planning on using just one of the computer labs in the engineering laboratories building as a test run while working alongside the systems management department but hopefully we’ll be able to use these power strips in every room housing computers.



GREEN ROOMS

- Do you live in the residential halls on campus?
- Are you interested in sustainability?
- Do you want to learn how you can be more sustainable in your room in the halls?

Sign up today to get your room Green Rooms certified by your trusted and trained RA!

<http://powersavecampuscpp.weebly.com/green-rooms.html>

JOMEL BAUTISTA

The Cal Poly Pomona PowerSave Campus team recently had the opportunity to collaborate with the Alliance to Save Energy's PowerSave Schools program that works within the grades K-12. These students are engaged in behavior-based energy savings. In addition, these students are empowered with STEM-based efficiency training, hands-on experience, and result to show for their work, students become ambassadors for energy conservation in the classroom and the home.

To the right, is the nasty Energy Hog that students are constantly on the lookout for. An Energy Hog loves wasting energy and will look for places that leave appliances plugged in and create vampire loads or buildings that have the incorrect number of footcandles causing a waste in energy. The PowerSave Schools program and the PowerSave Campus program collaborates to put on a fun, lively assembly for students in K-12.

During the assembly students are shouting in fear when they see the Energy Hog to warn our Energy Busters that he is near. Then, the Energy Busters educate ways students can reduce their energy usage and, most importantly, scare away the Energy Hog. Working with the younger generation has been extremely rewarding for our interns and proves that anyone can reduce their energy usage.

In addition to this fun assembly, the PowerSave Campus team has been educated on how to carry out a SEAT training with the older students so that they can learn how to complete a simple energy assessment of their classroom or household. During a SEAT training, students utilize real energy auditing tools and complete simple worksheets to understand how much energy and money is being wasted. We hope these students will continue to save energy and fight off those Energy Hogs!

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THE ENERGY HOG IS COMING!



HOTELS' WATER CARBON FOOTPRINT



JERMAINE BAYLARK

The hotel industry will now be able to compare energy usage, water usage, as well as carbon footprint using a new tool from Cornell University Center for Hospitality Research (CHR) titled the Hotel Sustainability Tool 2015.

This tool was developed by researchers Howard Chong and Eric Ricaurte and is available from the CHR at no cost. The tool is an Excel worksheet that provides 12 full data tables on separate tabs. To see the benchmarks for a particular geography and chain scale, the hotel operator would select the appropriate location from the list of available geographies (those that have a sufficient number of hotels recorded), and then choose a segment from another dropdown list. With those selections made, the tool returns the statistical range of the location and segment's data.

The benchmarks are for calendar year 2013, the most recent year with complete available data, and use the metrics of carbon footprint per room, per occupied room, and per area unit (either square foot or square meter); hotel energy use per occupied room or per area unit; and water use per occupied room or per area unit. A benchmark for HCMl carbon footprint for rooms/meeting space is included.

Chong and Ricaurte are already seeking participants for the 2016 update and say that hotels that are willing to participate should contact Ricaurte at eer3@cornell.edu



STAKEHOLDER SPOTLIGHT DAWN FINLEY



PHOO KHINE

One of our newest additions to our newsletter is the Stakeholder Spotlight where we give our lovely stakeholders a chance to shine! This month's Stakeholder Spotlight features Dawn Finley of the Career Center.

1. What kind of energy/sustainability projects would you like to see on campus?

"Three projects immediately come to mind: Installation of additional Bigbelly Solar bins, implementation of an electronic billboard system to promote events and announcements, and greater participation in the Green Space Program.

Additional solar powered Bigbelly recycling and compost stations placed in strategic locations across campus will reduce trash overflow while encouraging greater recycling.

The installation of digital or electronic billboards placed around campus (such as you see at shopping malls and airports) can be used to help promote events and deliver announcements while substantially reducing ink, paper, and plastics used to produce thousands of posters each year.

The PowerSave's own Green Space Program aims to increase office sustainability and recognize department efforts to lower their environmental impact. One hundred percent of departments within the Division of Student Affairs participated in this program, resulting in increased awareness and implementation of practices significantly reducing our carbon footprint. It would be great to see all divisions follow suit."

2. What do you find most interesting/enjoyable about working with sustainability/energy?

"In my current role I have the opportunity to develop internship and job opportunities for students, including green careers. This is particularly interesting as jobs in the green economy are among the fastest growing in our nation. I especially enjoy helping students realize their career goals in roles in which they will make a difference. As a member of the Division of Student Affairs Go Green Committee and a PowerSave Campus stakeholder, I have had the pleasure of working with staff and students to make positive changes within our campus community. I am continually impressed by the exciting and impactful work that our students are engaged in. For instance, did you know that Intercollegiate Athletics' Zero Waste Initiative was conceptualized by a student? Our students are doing amazing things!"

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