



the GREEN @ UC Irvine

Save the Date:

- First Green Campus Club Meeting of the year 10/1
- UCI Sustainability Committee Meeting 10/3
- Mesa Court CFL Exchange 10/8

Points of Interest:

- The Green Campus Fume Hood Campaign was recognized by the National Wildlife Federation in an article by Ryan Newhouse on its Campus Ecology website:

<http://www.nwf.org/campusEcology/climateedu/irvine.cfm>

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September 2008

Green Campus Rolls Up Its Sleeves for Croul Hall Waste Audit

By Max Broad

From September 8 through 12th, the Green Campus Program worked together with UCI's Facilities Management to conduct a waste audit of Croul Hall, the center for research in Earth Systems Science. Initially, when the Green Campus Program was asked to conduct a "waste audit", we had no idea what that would entail. And when we found out exactly what it entailed, we had no idea how much fun it would be.

Anne Krieghoff, of Facilities Management, approached the Green Campus Project Managers about assisting with Croul Hall's LEED (Leadership in Energy and Environmental Design) certification. A waste audit, we were told, is a means of measuring how effective UC Irvine's recycling and waste management program is, and where emphasis needs to be placed for waste reduction. To conduct a waste audit (here come the "sticky" details) we would need to empty the waste bins from Croul Hall onto a tarp and sort it into categories according to recyclability (i.e. plastics, metal, paper, e-waste, etc.). This was going to be a different job than the relatively "clean" energy efficiency projects we are used to.

The week of September 8 was selected for our sample period, being what



Anne Krieghoff, Max Broad, Courtney Gill and the crew from OneSource sorting through Croul Hall's waste during the audit.

we determined a sufficient amount of time to accurately portray the waste of the hall. Assisted by three helpful staff members from OneSource, Antonia, Adolfo, and Rosario, we set off to categorize the aromatic stew known as "garbage."

The week went swimmingly, and the results were positive. The plastic bottles and aluminum cans found were minimal; a testament to the effectiveness of the bottle and can recycling program on campus. And a large majority of the paper was recycled. For the most part, what filled up the trash was either unavoidable, or some odd

object or assortment, often times making the experience more memorable (clues indicate there was a funky hat themed party). Overall, the experience was not only a great duty being able to work with Facilities Management to help with LEED certification, but it was a blast as well.

The Green Campus Program will assist with the analysis of the audit results as well. We will help facilities management by creating a report of the results as well as a poster detailing the outcomes and potential future waste projects to be used in the LEED certification.

“This gave the Green Campus Program a unique opportunity to approach UCI professors about energy efficiency in a different setting.”

UHills Fiesta Verde!

By Courtney Gill

On Sunday September 14, Green Campus Project Managers Max Broad and Courtney Gill attended the annual University Hills Fiesta Verde.

Fiesta Verde is an annual event put on in the University Hills Housing Community, where many UC Irvine Professors and their families reside. This gave the Green Campus Program a unique opportunity to approach UCI professors about energy efficiency in a new setting compared to usual projects.

This year, the theme of the event was “Going Green.” The Green Campus Program and other local environmental businesses and programs were invited to set up booths and talk to residents. The Green Campus Program was privileged to be the only student group in attendance. Other booths showcased solar

panel technology, water reduction, and even some local politicians. There was plenty of food, music and activities alongside the underlying environmental theme.

The Green Campus interns were able to discuss ways that the professors could save energy in their homes with their families. This was our first opportunity to share some of the knowledge and resources with this housing community that we have previously imparted to freshmen and upper classman housing communities through our housing events like “Do It In the Dark” and CFL exchanges.

Many of the residents seemed very aware of the energy saving tips that Green Campus advocates, and they were excited to talk about additional

environmental and every saving practices they implement in their own lives.

The event hosted approximately 600 people and was a great success. We hope that our presence at the UHills Fiesta Verde showed the professors that students care about the energy habits of this very important housing community as well as in the communities where students live.



Max Broad and Courtney Gill share energy tips with University Hills residents.

Welcome Week and the Anteater Involvement Fair

By Alyssa Penacho

The UCI Green Campus Team kicked off the start of the school year with a bang! On September 22, 2008 the UCI campus held its annual Anteater Involvement Fair in Aldrich Park. This event showcases the over 300 clubs and organizations on campus to encourage incoming UCI students to get involved.

The Green Campus team was out in full force, giving out CFLs and encouraging new students to join our club. We received a very

enthusiastic response from the new students. Many freshmen needed light bulbs for their dorm rooms, and were very excited to learn that CFLs are brighter and last longer. They were also very interested to hear about our program and what we do on campus. 120 students signed up for our club list serve and were very eager to get involved with us this year. It was very exciting to see so many young students interested in working on environmental issues, and of course they were excited for the free pizza at club meetings!

Overall, we were able to give out a total of 160 CFLs. If we assume that each 23 watt CFL will be used to

replace a 60 watt incandescent light bulb, and that each bulb will be used for four hours a day, a total of 8643 kilowatt hours will be saved each year. That is definitely considered a successful energy saving CFL exchange!

We hope to continue expanding our program on campus with the involvement of new members. Many more outreach events are being planned for the school year to encourage the new UCI students to practice environmentally friendly behaviors for a bright green future.



Green Campus Interns Kong Sham, Max Broad, Courtney Gill and Alyssa Penacho give away CFL's to UCI students.



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Intern-Course: Becoming More Familiar with the Green Campus Community

By Max Broad

The Green Campus Program is excited to upgrade its for-credit internship this fall. After a summer of planning, we are set to launch the new program early in the quarter.

The new for-credit internship program includes a development that allows the Green Campus team to gather weekly for a "Green Campus Course". Doing so confronts problems faced in previous years in working with interns who receive units for their work. With previous for-credit internships, Green Campus had no means of centralizing and training interns beyond the club meetings. This made organization of project work scattered and difficult to approach. However, we hope the new Green Campus course will allow us to mobilize for the sake of energy savings; making training, education, and planning all much more

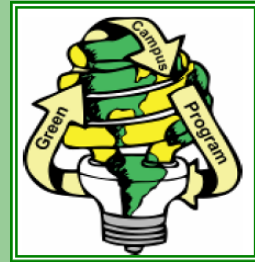
organized processes.

The idea of making a Green Campus class came to fruition over the summer. The UC/CSU Sustainability Conference at Cal Poly San Luis Obispo allowed Green Campus Programs from across the state to share their success stories. After hearing about the for-credit classes that UC Berkeley and Humboldt State put on, we knew it was just what we needed to take our project work to the next level.

After modeling from the aforementioned Green Campus Programs, and incorporating some innovations of our own, we put together a quarterly course that will include diverse approaches to our energy efficiency goals. The beginning of the course will likely involve training procedures for the likes of lab auditing, office auditing, and the Green Room. In addition to this, education measures will expand upon interns' skills.

Lastly, we intend to have guest speakers who will share about their involvement with the sustainability community on campus and in Orange County. The diverse lesson plan and opportunity for development has everybody excited to get the class started!

The For-Credit Internship has been a Green Campus Project for the past 3 years. The program has helped The Green Campus Program to find and train many of its paid Green Campus Interns. All four of the current Green Campus Project Managers, Courtney Gill, Kong Sham, Alyssa Penacho and Max Broad completed the internship and would recommend the experience to anyone who is interested in getting involved with Green Campus and learning more about energy efficiency.



The Green Campus Program

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Monthly Metrics Table—September 2008

Project Title	Time Period (May-June, 2008)	Estimated Energy Savings (kWh/yr)	Money Saved	Lbs. of CO ₂ Avoided
Anteater Involvement Fair CFL Exchange	September 22	8,643 kWh	\$892.33	6,957.6 lbs of CO ₂
Total for September:		8,643 kWh	\$892.33	6,957.6 lbs of CO₂



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