



the GREEN U

[@ UC Irvine]

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Save the Date:

- 9/8/08 Green Campus begins helping with a Waste Audit of Croul Hall
- Green Campus will kick off the new school year during Welcome Week starting 9/22

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Green Campus Attends Sustainability Conference

By Max Broad

The seventh annual UC/CSU/CCC Sustainability Conference, held at Cal Poly San Luis Obispo, rounded the 07-08 school year off while initiating 08-09 with class. The conference was followed by the annual Green Campus Student convergence. Ideas were presented from the previous year to be shared and expanded upon by other campuses for the upcoming year. Yet, it was more than a collaboration, it was a festive gathering; a renaissance of environmental innovation.

Overall, the experience was so fast paced, only a well organized set of notes could have documented all that went on. The opening speech given by Jerome Ringo, head of the Apollo Alliance, was too outstanding to forget. He

spoke with passion on many profound and even somber topics, ranging from environmental inequalities to his past experience working at a polluting factory. It was a memorable opening ceremony, to say the least.

The conference continued with many speakers and workshops. Samantha Kao, a graduating UC Irvine Green Campus Intern, presented at a session on fume hoods. She gave a detailed description of our "Shut the Sash" campaign and how we have run our fume hood competitions in the past. It was the Green Campus Best Practices session that stood out next. From there, attendees heard from the three winning Green Campus Program teams on their most successful projects. CSU Chico and UC Berkeley were the winners in Student Energy Efficiency. CSU

Chico was recognized for its residence hall energy competitions while UC Berkeley was noted for its class on energy issues. UC Santa Cruz was also given an honorable mention in Best Practices for its impressive CFL campaign, exchanging over 3,000 CFLs in a month.

The conference ended for Green Campus with the Student Convergence session on Sunday. UC Irvine interns attended both the audit training session to learn some of the more technical aspects of performing an energy audit as well as the session "Setting the Stage for Energy Efficiency." This session focused on successful programs and practices implemented by Green Campus at different universities and featured UC Irvine's Courtney Gill, leading a discussion on stakeholder relationships and press coverage.

The conference and student convergence were a great success and a very valuable event for UC Irvine's Green Campus Program. As always, we were grateful for the opportunity to interact with stakeholders, collaborate with other students, and learn about the efforts of other campuses to make a more sustainable future.



UC Irvine Conference attendees gather together for one big "ZOT!"



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The Conference; a New Intern's Perspective

By Max Broad

“Vice President Al Gore himself could not have put together a more memorable experience to initiate my career as an environmental professional”

Cal Poly San Louis Obispo not only hosted the 2008 Sustainability Conference, but also my first conference as a Green Campus intern. Vice President Al Gore himself could not have put together a more memorable experience to initiate my career as an environmental professional.

The adventure began with a late arrival on the evening of July 30, having encountered Southern California freeways in their infamous stagnant state. Though we sat in traffic, we did it in style, driving up in a Toyota Prius. Not even Cinderella and her pumpkin chariot could have rivaled our entrance.

The opening ceremonies of Friday morning were a sufficient substitute for the typical energy boost from that morning cup of coffee. The speech by keynote speaker Jerome Ringo was eloquent, moving, and inspirational. It left me more than inspired; I was ravenously craving the opportunity to make a

difference for the environment. For those of you who think I am speaking in hyperbole, seek out a seat in the audience when he is speaking.

That set a pace for the rest of the conference. The first workshop I attended was on the topic of LEED certification, featuring none other than our own Paul Wingco. As I quickly found out, UC Irvine stakeholders were scattered throughout. I knew some, but for the most part, it was an opportunity for me to get to know the main faces of the Irvine sustainability movement. As the weekend progressed I quickly found myself immersed in the green culture of San Louis Obispo and UC Irvine. The climax of such was on Saturday evening when the awards dinner was held. The UCI community received numerous accolades over dinner as we decorated the table with plaques acknowledging our campus'



Green Campus spells GREEN!” (from left to right: Andy Coghlan, Samantha Kao, Kong Sham, Courtney Gill, Max Broad, Peter Jenkins)

accomplishments.

Another key aspect was the Green Campus End-of-Year convergence. The coordinators wasted no time breaking me in to the organization, as I soaked up the innovative ideas pouring out of the members from the other campuses.

On Sunday, the conference wrapped up. The drive home was spent excitedly discussing the many new ideas and plans we wanted to implement. And I was left feeling as invigorated as I felt at the beginning of the conference.



The Green Campus Program at the end of the Student Convergence



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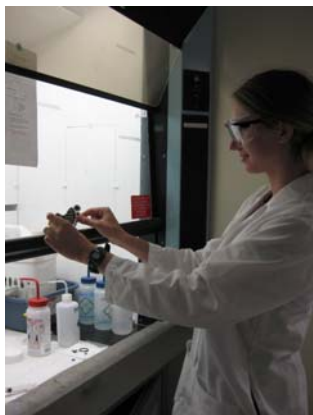


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The Stickering Continues!

By Courtney Gill

This summer the Green Campus Program has



Green Campus Intern replacing an old fume hood sticker in Steinhaus Hall.

continued assisting UC Irvine in a fume hood stickering project. The new stickers encourage anyone in the labs to shut the fume hood sash to reduce carbon emissions.

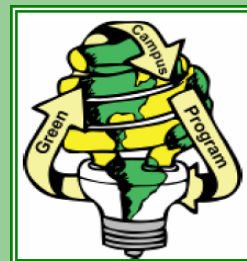
Thus far the Green Campus Program has replaced stickers in Reines Hall, Steinhaus Hall, and Rowland Hall for a total of 275 new stickers. If lab workers take the recommendation of the stickers, they could save up to 50,000 lbs of CO₂ a year per hood—that's a maximum of 13,750,000 lbs of carbon saved!

EH&S at UC Irvine has also been working on this project and has replaced stickers across campus. The current

campus goal is to replace stickers on every fume hood in every lab by September 14, when the UC Regents will be visiting our campus.

The old fume hood stickers targeted people by suggesting that leaving fume hood sashes open is a waste of money. With the changing priorities in our society, we hope that suggesting that unnecessary open fume hood sashes wastes carbon will have more of an effect on wasteful behavior.

This project goes hand in hand with the Green Campus Fume Hood Campaign and we hope to continue our work to save energy in the labs this school year.



The Green Campus Program

The Alliance to Save Energy's "Green Campus Program" is funded by the California ratepayers under the auspices of the California Public Utilities Commission. Strategic Energy Innovations is a Sub-contractor of the Green Campus Program.

Waste Auditing in Croul Hall

By Courtney Gill

This summer, the Green Campus Program was asked to participate in a new kind of project - a waste audit of Croul Hall. The effort is part of the UC Irvine goal of getting Croul Hall LEED certified.

Anne Craighoff and Suzanne Hibbs are in charge of the effort. Green Campus interns Max Broad and Courtney Gill joined them in organizing the project.

The goal of the audit is to determine all types of waste coming out of Croul Hall. We can observe how effective the recycling program is in the building by seeing what kinds of recyclable materials end up in the trash. This data can be used in the future to target Croul Hall occupants and let them know how they can improve recycling habits.

In terms of LEED certification, the audit will be used to determine what kind of waste is being produced by the

building where there is currently no recycling option. For example, if discarded pipettes make up a large percentage of the waste that comes

out of Croul Hall, then we can use that information to put a new program in place to divert that type of waste from a landfill.

The audit will be conducted during a week long period, starting September 8. A crew from OneSource will assist with the audit by going through all of the trash in the dumpster each morning, sorting it into categories. Then, the contents of each category will be weighed and we will determine the percentage of waste based on total mass. This method of quantifying the waste will be used because landfills measure the amount of waste in tons, not by volume.



UC Irvine's John V. Croul Hall

This waste audit will be an important part of UCI's efforts to get Croul Hall LEED certified. Croul is a state of the art research center for UC Irvine's Earth System Science Department and is full of labs. This makes it more difficult for the building to reach LEED certification. However, with Green Campus collaborating with other departments on campus, we hope to assist Croul Hall in gaining the highest rating possible. Be sure to look for the results of the waste audit in our September newsletter!



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