



# the GREEN U

[@ UC Irvine]

## Points of Interest:

- Chancellor Michael V. Drake and Vice Chancellor Wendell Brase from UC Irvine both generously spoke at the Green Campus Energy Efficiency Summit
- Green Campus will be looking to hire two new interns Winter Quarter!

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## UC Irvine Hosts Green Campus Energy Efficiency Summit

By Courtney Gill

The Alliance to Save Energy's Green Campus Program hosted its annual Energy Efficiency Summit at UC Irvine this year! The conference lasted from January 24 to 26.

UC Irvine was glad to welcome Green Campus interns and stakeholders from schools across California to our campus.

The conference began on Saturday night as interns began to arrive. We had an opening dinner with members of the Alliance to Save Energy where we laid out all of our expectations for the conference and socialized with new interns.

Sunday was filled with intern training sessions. New interns learned the basics about the Green Campus Program and energy auditing. As the current team will all be graduating in June, most of the UC Irvine Green Campus Team participated in career preparation sessions on writing resumes and developing good interviewing skills. There was also a round of rotating sessions where interns rotated through a

series of presentations meant to share new and innovative project ideas from different campuses. Courtney Gill from the UC Irvine team presented here on the fume hood program and the use of the Phoenix sensor for CAV

upgradable hoods. Max Broad also presented at the conference on marketing and outreach techniques that we have employed at UCI. Sunday evening was a wonderful social event at the Irvine Hilton. The night began with a career panel that was intended to highlight Green Job opportunities within the non-profit, industry and utility sectors. After the panel, interns and stakeholders were invited to a lovely reception to get to know one another.

On Monday, the final day of the conference, students and stakeholders reconvened at the UCI Student Center for more presentations. We were thrilled to have the Chancellor of UC Irvine, Michael V. Drake, speak at the opening. He was very positive about the types of energy saving programs that have



From left to right: Kong Sham, Max Broad, Alyssa Penacho, Courtney Gill, Chancellor Drake, Peter Jenkins, Renee Lafrenz

been implemented due to our program and he congratulated us for our successes. The UC Irvine Green Campus Program was also very lucky to have Vice Chancellor Wendell Brase present with Courtney Gill on the mutual benefits for interns and administrators from having the Green Campus interns participate in the Sustainability Committee.

We were very lucky to have members of the Green Campus Program's club and for credit interns at UC Irvine volunteer during the conference and sit in on the sessions. We greatly appreciate their help and we hope that they were able to learn something new about the Green Campus Program and energy efficiency.

The 2009 Green Campus Energy Efficiency Summit was a great success. We'd like to thank everyone who attended and everyone who helped with the organization and planning of the conference so that we could hold the event here at UCI.

See page 4 for more conference pictures.



Members of the Alliance to Save Energy and the Green Campus Programs from across California

## The Last of the CFL's!

**“In just two days  
we were able to  
give away 160  
CFLs!”**

*By Alyssa Penacho*

The UCI Green Campus team kicked off the New Year with a whole week of tabling to give away CFLs and attract new club members.

In just two days we were able to give away 160 CFLs! These were the last CFLs from the CFL Exchange Program sponsored by Southern California Edison. The Green Campus Program

at UCI was so glad to have been able to take part in the program.

If we assume that each 23 watt CFL will be used to replace a 90 watt incandescent light bulb, and that each bulb will be used for four hours a day, a total of 12,864 kilowatt hours will be saved each year.

While tabling, we were able to talk to a lot of students about energy

efficiency and what we do on campus. Many students were interested, and we were able to add nearly 100 new people to our list serve! We also had about 10 new members come to our first few club meetings. Many of them have been actively participating in our projects, and have signed up to be for-credit interns. Overall it has been a very successful start of the New Year for UCI's Green Campus!

## Take the Stairs Day



Green Campus club members Kelly Li (left) and Cynthia Leung (right) ask UCI students to take the stairs!

*By Alyssa Penacho*

The UCI Green Campus Program held its quarterly Take the Stairs Day event on January 29, 2009 in front of Langson Library. Green Campus members talked to many students, encouraging them to use the stairs instead of an elevator on campus to save energy and help the environment.

In order to get more students excited about our event, we raffled off several prizes to students who pledged to take the stairs. We chose to raffle off environmentally friendly products, including a hand crank flashlight with AM/FM radio and pocket sized [Green Living for Dummies](#)

books. Many students were very excited for the chance to win these prizes. We were very happy to hear several students say they already take the stairs everyday!

Students were asked to sign a pledge to take the stairs that day instead of the elevator to save 5.5 kilowatts per elevator ride. 43 people agreed to sign the pledge. If we assume each person would have ridden the elevator at least once that day, a total of 237 kilowatts of energy was saved in just one day! We hope that this program will encourage students to change their daily habits away from elevator use, in order to live a healthier life for themselves and for the planet.

## A Fond Farewell to Paul Wingco



From left to right: Courtney Gill, Paul Wingco, Max Broad and Alyssa Penacho with Flex Your Power Award

*By Courtney Gill*

The Green Campus program would like to wish a fond farewell to the UCI Campus Energy Manager, Paul Wingco.

Paul has been an indispensable asset to the Green Campus Program since its inception in 2005 and it has been an absolute joy to work with him.

Paul's expertise

and guidance have helped Green Campus Interns complete many projects including the Bi-Level Lighting project and numerous fume hood competitions. He has helped with the technical aspects of projects as well as helping interns come up with fresh ideas on ways to save energy at UCI.

Green Campus Interns Courtney Gill, Max

Broad and Alyssa Penacho attended a Goodbye Party for Paul on January 23. The event showcased many awards for projects that Paul was an integral part of planning and implementing.

Paul has taken a job working at Cal State Long Beach. We know he will be a great asset to their conservation and sustainability efforts. We'll miss you Paul!



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## Green Campus “Does It in the Dark”

By Max Broad

Residents of Middle Earth saw the return of the dorm education program this past Wednesday, January 28th. The event was put on by the Green Campus Club and was hosted in the halls of Lorien with RA Jessica Alavarez. The residents got to learn about the Green Campus Program and energy efficiency while enjoying snacks and prizes.

The program was called “Do It in the Dark” because it was held with the lights off. The purpose of the

workshop was to teach students about saving energy in the dorms. By turning off the lights, we not only created a cool atmosphere, but set a precedent for energy savings.

The Lorien residents were taught many different ways to save energy in the dorm, ranging from minimizing computer electricity usage to modifying lights to incorporate CFL energy efficient bulbs. They then got the privilege of going to the Green Room—a sustainable demonstration dorm room that Green Campus put together in conjunction with housing in



Participants in the dorm education program show off their sustainable prizes!



Residents of Lorien take a Tour of the Green Room in Middle Earth

2006. The purpose was to design a tour location for prospective students to see how they could create a hip and sustainable environment in their living space.

Though the event did not generate any direct energy savings, the “Do It in the Dark” program is important as a means of education. Teaching students, particularly freshman who often have less exposure to the world of green, is invaluable to the future and the difference that we all make. No improvement can be made without education, so we appreciate having an RA who set aside the time for us. Thanks Jessica and residents of Lorien!

## De-Lighted Dining

By Kong Sham

The Green Campus Program at UCI's latest project, De-lighted Dining, has officially begun. The Green Campus Program and UCI dining have been working together to turn off the lights in the dining halls when they are not needed.

The Green Campus Program has been measuring light levels at various times throughout the day in both Pippin and Mesa Commons, the two freshmen dining facilities. With the sun staying out longer

everyday as we get closer to spring, there is more and more ambient sunlight to use. Taking advantage of this, Green Campus and UCI Dining teamed up to create a schedule keeping the artificial lights off for as long as possible before they are needed.

Making these changes in the dining halls will save an estimated 3,900 kWh/ month coming out to about \$468 dollars. More importantly this will reduce UCI's carbon footprint by 3,900 lbs of CO<sub>2</sub> per month.

With these recommendations in place, Green Campus is now working with UCI dining to develop a monitoring system to ensure lights stay off when ambient natural light permits. We are also developing posters and table cards to educate dining hall guests on the environmental benefits of the De-lighted Dining Project

We hope that as the days get longer in the spring, UCI Dining will continue to modify the lighting schedule so as to maximize UCI's energy savings.

**“Making these changes in the dining halls will save an estimated 3,900 kWh per month!”**



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## The Green Campus Program

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## Volume IV, Issue 4

### Summit at a Glance



### Monthly Metrics Table - January 2009

Project Title	Time Period	Estimated Energy Savings (kWh)	Money Saved	Lbs. of CO <sub>2</sub> Avoided
Week 1 CFL Exchange	January 6 & 8	12,864	\$1,800.96	12,864
Take the Stairs Day	January 29	237	\$33.18	237
<b>Total for January:</b>		<b>13,101</b>	<b>\$1,834.14</b>	<b>13,101</b>



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