

the GREEN @ UC Irvine



Volume II, Issue I



October 5th, 2006

@ UC Irvine

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GREEN @ UCI CAMPUS PROGRAM

ENERGY SAVING TIPS

1. Use Energy Star Products
2. Turn off computers during the night.
3. Unplug cell phone chargers and hair dryers when you're not using them
4. Replace incandescent light bulbs with Compact Fluorescent Lamps (CFLs)
5. Use your computer's stand-by or hibernate mode instead of screensavers
6. Share refrigerators and avoid leaving the refrigerator or freezer doors open
7. Plug appliances that have phantom loads (TV sets, DVD and VHS players, computers, printers, stereos, CD players, video game systems) into a surge protector and switch it off when appliances are not in use - they still use energy in the off mode if they're plugged in
8. In science class, pull down the Fume hood window. It can save up to 3,000 a year school-wide!
9. Turn off lights when you're not in the room, classroom and use daylight whenever possible
10. Do laundry during off-peak hours (morning/night after 7pm)

THIS WEEK'S ENERGY FACTS

HOW TO GET INVOLVED

[HTTP://WWW.SUSTAINABILITY.UCI.EDU](http://www.sustainability.uci.edu)
[HTTP://SPIRIT.DOS.UCI.EDU/RECYCLE/](http://spirit.dos.uci.edu/recycle/)
[HTTP://ENERGYSTAR.GOV/](http://energystar.gov/)
[HTTP://ASE.ORG](http://ase.org)

CONTACT US

UCIGreenCampus@hotmail.com
<http://www.freewebs.com/greencampus/>

ENERGY STAR

ALLIANCE TO SAVE ENERGY

ANTEATERS FOR RECYCLING AND CONSERVATION

Green Campus Poster with new energy tips every week to be put into every on campus housing

Residence Hall Competition

By: Shyla Raghav

The Green Campus Program at UCI is excited to launch one of its most enthralling events of the year – the Residence Hall Competition: Who's Wants to be the Energy Superstar? The competition consists of a complex-wide competition that will take place for the duration of 5 weeks in Fall Quarter for Mesa Court and in Winter Quarter for Middle Earth. Activities, programs, and events will be numerous during the 5 week of the competition to ensure that the thousands of individuals residing in the dorms are aware of and also engaged in the competition. The complex as a whole will be rewarded at the end of the competition if there is a 5% energy reduction per person as compared to our baseline calculation (from the last 2 years' energy use). During the competition, we will be employing innovative methods to ensure residents are educated about the importance and relative ease of achieving energy efficiency, including weekly flyers in the halls highlighting energy tips, energy-related programming templates, and incentives for program organizers and participants.

It is also our goal that energy efficiency is an idea that remains in the psyche of residents even after the competition. As a result, all programming staff will be highly encouraged to participate in programs during the competition weeks and there will be incentives for involvement through a Programming Staff competition that will be effective throughout Fall and Winter quarter for both residence complexes – Mesa Court and Middle Earth. The Programming Staff competition will consist of a multitude of projects that residence advisors and community programmers can participate in to accumulate points. At the end of the competition, the three programmers that have amassed the most points will be awarded prizes worth \$250, \$150, and \$50 respectively. Examples of projects that programmers can participate in include holding a Compact Florescent Lamp exchange in their hall, conducting energy or sustainability related program that residents will attend, distributing power strips to residents, and designing a flyer for hall's Green Campus weekly energy tips poster. We are excited to launch on this program – it gives us the opportunity to both educate our incoming student body about enerav efficiency and also achieve measurav enerav savinas. We are confident that we will be able to identifv manv "Enerav Superstars" at UCI.

The Green U

Metrics:

This Month's Savings

Fumehood Campaign:

- **\$ saved:** \$12,080
- **KWh saved:** 109,818
- **# Chemistry Lab TA's contacted:** 18
- **# "Close the Sash" stickers put up:** 150

Bi-Level Lighting

- **\$ saved:** \$1,417.53
- **KWh saved:** 13,500
- **GHG emissions prevented:** 15998 lbs.

Saving's since Summer

- **\$ saved:** \$49,737.53
- **KWh saved:** 452,772
- **GHG emissions prevented:** 536551.59

Peak Program

By: Danielle Marfori

Green Campus is excited to announce that it has formed a partnership with PEAK, an after-school program implemented by the Energy Coalition for the purpose of educating elementary and middle school students within the Irvine Unified School District about energy conservation and the environment. PEAK has enlisted our help in recruiting five interns who will receive college credit for going to the schools as teachers: Erin Milner, Natalie Goldman, Michelle Ma, Kim Caponera, and Courtney Gill. When not focusing on the PEAK after school program itself, the interns are able to choose between helping the Green Campus Team with activities throughout the quarter, working with the PEAK program coordinators at their headquarters, or taking on another school for the after school program.

For two credit units per quarter, each intern will be assigned to an elementary or middle school within the Irvine Unified School District, where they will be teaching an after school class about how to be energy efficient. This is an important that serves to inform the community about ways that they can conserve energy even at an early age. The curriculum will be provided by the PEAK Program Coordinators, Nicole Green and Chelsea Hales.

PEAK is a program of The Energy Coalition and its Community Energy Partnership project. It is funded by California utility ratepayers and administered by Southern California Gas Company and Southern California Edison, under the auspices of the California Public Utilities Commission.

We are confident that this program will be a success, serving as a way for us to expand our program through community outreach. Congratulations to Erin, Natalie, Michelle, Kim, and Courtney for being our first Green Campus PEAK Program Interns!

Beginnings of the Bilevel Project

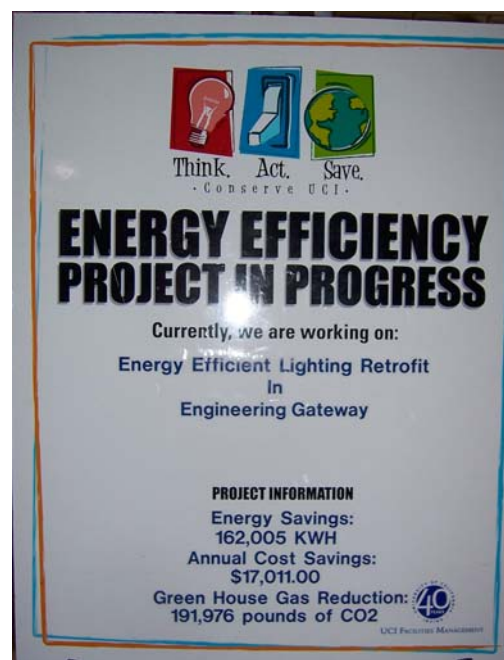
By: Peter Yu

The beginnings of the Bilevel Projects at UC Irvine are underway. After the Green Campus' efforts with lighting audits over the summer, the school has begun installing new Bilevel fixtures all over the campus. The first place to have the new Bilevel lights installed is the Engineering Gateway.

This is just the first of a large number of projects to completely retrofit all buildings at UC Irvine with Bilevel fixtures. With the completion of the Engineering Gateway area, it will join two other buildings (Administration and Social Science Lab) to be the third building with Bilevel lighting fixtures.

The projected energy savings for the year is 162,005 KWh which amounts to 191,976 pounds of CO₂ Green House Gases reduced and a monetary savings of \$17,011.00. The projected savings on the other buildings are comparable to this building.

This is the beginnings of a number of retrofits on the Irvine campus to create a more energy efficient environment. New technology, including better occupancy sensors, vending misers, and new Heating, Ventilation and Air Condition, are in the to be installed soon all over campus to further reduce energy consumption and green house gases.



Above: Poster where Bilevel lights are being installed

The Green U

Welcome Week

By: Danielle Marfori

During UCI's Welcome Week from September 18-21, 2006, the Green Campus Club promoted awareness about energy conservation and recruited club members for the 2006-2007 school year. On Monday, September 18, 2006, the Green Campus Team had a table at Aldrich Park alongside various other clubs and organizations in order to provide a first glimpse for the incoming freshmen on the plethora and diversity of groups that they can join as undergraduates. The new Green Campus banner was put on display for the first time, attracting students with a genuine interest in helping UCI become greener and more environmentally-friendly. Our popular "twig" pens made out of leftover wood from furniture making factories were once again a big draw.

The Green Campus Team educated passersby about projects from the past year, such as the CFL Exchange on Halloween in the residence halls, Take the Stairs Day, the Bi-level lighting project, and the Fume Hood Campaign. While these events will once again take place this year, Green Campus also unveiled some upcoming projects, such as the PEAK after school program, an improved Residence Hall Energy Competition, and plans for an Earth Summit to coincide with Earth Day in April 2007. Freshmen showed an enthusiasm for wanting to become more knowledgeable about energy efficiency, and transfer students also expressed a desire to participate in the Green Campus Club. This year looks to be promising, with a whole range of projects for members to become involved in.



Above: Green Campus Interns, Danielli and Shyla, setting up the table during welcome week to attract new freshman

Dorm Move In

By: Peter Yu

On the weekend of freshman move in, the Green Campus Program at UC Irvine in conjunction with Anteaters for Recycling and Conservation gathered to help recycle used cardboard boxes new students were throwing out. The weekend was a great success with seven different locations to deposit cardboard; we were able to collect approximately two tons of cardboard altogether.

The event was a great experience for Green Campus Interns to meet again with housing administrators who saw us all hard at work saving the world once piece of cardboard at a time. Overall the event went extremely well and we were commended many times by parents and students for our efforts. The housing coordinators are looking forward to us having the event again at the end of the year to help recycle products. Many thanks to Suzanne Hibbs, UC Irvine Recycling Coordinator, for putting on this great event!

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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.



Above: Volunteer digging in dumpsters to recycle cardboard