



# the GREEN U

[@ UC Irvine]

Issue 8

July—August 2007

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## UC / CSU Sustainability Conference 2007

By *Samantha Kao*

On June 24 to 27, UC Irvine Green Campus Interns Shyla Raghav, Danielli Marfori, Samantha Kao, and Andrew Sata joined students from other California State University and University of California campuses at UC Santa Barbara for the annual UC/CSU Sustainability Conference.

We are proud to announce that out of all the participating campuses, the UCI Green Campus Team earned the award for Best Practices in Student Energy Efficiency for 2007. This recognition added to the awards garnered by the UCI Parking and Transportation Department for Transportation Demand Management and their B-100 project. UC Irvine also won an Honorable Mention for Monitoring Based

Commissioning in McGaugh Hall.

The three-day long conference offered various workshops and tracks on topics like LEED requirements and the award-winning programs of different CSU and UC campuses as well as seminars by Michael M'Gonigle, the founder of Greenpeace International. One of the workshops also featured projects at campuses that had won awards, giving us the opportunity to present our fume hood campaign and take note on other successful programs at other schools.

UC Irvine certainly represented itself well as a leading "green campus" and we are all excited to participate in this event next year!



Above: UCI Green Campus Interns (left to right) Danielli Marfori, Shyla Raghav, Samantha Kao and Andrew Sata looking at UCI's Best Practices award at the Sustainability Conference

## The Green Campus Club Resumes

By *Kong Sham*

The 2007-2008 school year for UCI is almost here, and the club members of Green Campus are looking forward to new projects! Not only are we hoping to extend our club membership, but we would also like to invite some of our most active club members to become officers.

We have never had club officers other than the Green Campus Interns, but we feel that this would be a good way to get people even more

involved. Expanding the number of club officers will also help increase membership because there will be more people available for tabling and publicizing.

Another exciting aspect of the Green Campus club is our new location. UCI's Student Center has finally been completed and Green Campus has been able to reserve a room for meetings! The Student Center will always be full of students looking for ways to spend their time. Putting Green Campus in the thick of things

may allow us to invite more people to participate.

We have an exciting year ahead of us with projects including the fume hood campaign, "exit" sign audits, the Green Room, CFL exchanges, beach cleaning, and kayaking. We will have a booth in Aldrich Park Monday September 24th from 10am-3pm and all throughout the rest of Welcome Week on ring road near the Administration building. We hope to gain the attention of anyone that is interested in saving energy.



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Creating an Energy-Efficient World



Common exit sign and object of the GC audits.

## LED Exit Sign Auditing

*By Andrew Sata*

UCI is constantly striving to save energy using the newest and most efficient technologies available, and we have chosen to investigate the new technology offered for exit signs.

Over the last few years, the technology associated with exit signs has vastly improved. Yes, common exit signs: the ones you see every day in every

building pointing to every exit.

The Green Campus Program, with the help of UCI's Energy Manager, Paul Wingco, has been auditing exit signs that use incandescent light bulbs in the Science Library, Bonney Center, and Reines Hall. The exit signs we audited will be switched for more efficient LED, or light emitting diode, exit signs.

The new exit signs use several of these light emitting diodes. Even though

there are a lot more LED's per sign than incandescent bulbs, incandescent signs use 24 to 40 watts each while LED signs use just 1 to 5 watts. In addition LED's are brighter and can last up to ten years while in constant use.

We hope that this will be a successful project and we plan to continue to audit more buildings and help retrofit the remaining incandescent exit signs on campus.

"We won't even give them a chance to waste energy on campus! We'll fix the problem before it even starts!"



UCI's Campus Village Housing Community.

## Green Campus Meets Campus Village!

*By Courtney Gill*

With the Summer season wrapping up, the Green Campus Program at UC Irvine is starting to get back into the swing of things, and pursuing new areas. In the past, we have worked with housing communities on campus like Arroyo Vista and Middle Earth. However, this year we are making an effort to extend our programs to Campus Village.

Campus Village, located by UCI's Science Library, is an apartment community as opposed to dorm style residences. The residents are more separated from each other, and in the past we thought it would be difficult to implement programs there. However, we have been getting a wonderful response from the Campus Village staff and we are all ready to work together.

During the '07-'08 school year, we plan to implement programs such as CFL exchanges and educational

programs with residents.

The CFL exchanges will be very valuable in reducing the school's energy usage because students provide most of their own lighting. In dorm situations, we can usually exchange CFLs with students only to replace a single desk lamp, while the rest of the lighting is provided by the school. However, in the Campus Village apartments, we are not only able to exchange CFLs in desk lamps, but also floor lamps and all other forms of lighting throughout the apartment. These additional places to implement CFL usage may lead to a marked reduction in energy consumption in that community.

Also, despite the more independent apartment living, there are still community programmers that supervise Campus Village residents. They are very excited to work with us and are interested in the programs we have to offer such as "Do It in the Dark."

We hope that we will be able to work with them throughout the upcoming school year.

Our first event in Campus Village is tentatively planned for Sunday, September 23<sup>rd</sup>. That is the move in day in Campus Village. We will hopefully be given a booth and allowed to talk with all the new residents and exchange CFLs with them as they are moving in. We won't even give them a chance to waste energy on campus! We'll fix the problem before it even starts!

We are very glad to be developing this new relationship with the Campus Village housing community. Not only will it result in saving energy on campus, but it may encourage us to visit more housing communities that we have not interacted with in the past.

## Coming Soon ...

### Lab Competitions

Due to the success of the fume hood campaign and lab competition last Spring, we are excited to continue this program in the upcoming school year. We hope to expand this project to reach a wider range of students by including another building. With the help of the Department of Environmental Health & Safety, Campus Energy Manager Paul Wingco, and Safety Coordinator Rama Singh, we have great confidence in repeated success.

### UCI Green Room

UC Irvine's Green Room has moved! Its new location in the Middle Earth Housing Community provides a fresh new place for more visits. We plan to exhibit the room to incoming freshmen and we have also had requests for special viewings and tours. The Green Room continues to be a big success and we hope that it will be visited by many this year!

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### 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.*

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