

NEWSLETTER

January 2008

UCSB's Green Campus



Flip to Page 3 to learn how Green Campus interns exchanged over half of these 38 boxes of CFLs in the largest CFL exchange in Isla Vista yet!

UC Santa Barbara Green Campus by the numbers...

- 4 = New Interns
- 26 = Volunteers for CFL exchanges
- 796 = CFL's exchanged in January
- 3080 = CFL's exchanged in 2007
- 30757 = kWh/year saved through January CFL exchanges
- 3075 = dollars saved from CFL exchanges

General Green Campus questions or comments can be forwarded to **GreenCampusUCSB@gmail.com**.

To receive free CFLs email: **CFLswapUCSB@gmail.com**.

UCSB Green Campus Hires on Four New Interns

The biggest task the UCSB Green Campus took on in January was hiring new interns. The Team bid farewell to Intern Peter Connolly as he moved on to a new opportunity this month. The job announcement was circulated in over 10 listserves; from Greek life to Graduate programs to the Environmental Studies Department. With such a wide circulation, a flood of applications came in. Within one and a half weeks we received 25 applications and countless inquiries about the Green Campus Program.

The circulation of the job announcement proved to be a great way to let students and staff know about the Green Campus Program and some of our current projects. Many students were eager to learn more and interns intend to double their outreach efforts in the coming months.

After two rigorous days of interviews our Green Campus Team expanded to include: Clay Carlson, Jesse Fulton, Taylor Orr and Jordan Sager. Please read on to find out more about our newest interns and what they hope to contribute to the Green Campus Program!

Reminder: 2008 Green Campus Energy Efficiency Summit! February 10-11, San Diego

The event kicks off with an evening reception on Sunday, February 10, at 6:30pm at the Town & Country Hotel, followed by a day of workshops and trainings in Aztec Center at San Diego State University.

Green Campus Interns

Sonny Hoang / shoang21@gmail.com / (925) 212.7665
Sarah Bresko / sbresko@gmail.com / (425) 457.0056
Jesse Fulton / jfulton@iren.ucsb.edu / (937) 441.3996
Jordan Sager / jsager@iren.ucsb.edu / (808) 375.4548
Taylor Orr / orr.taylor@gmail.com / (408) 461.0451
Clayton Carlson / ccharlson@umail.ucsb.edu / (415) 497.1171



NEWSLETTER

January 2008

UCSB's Green Campus



My name is Taylor Orr and I am a third year Global Studies major, minoring in French and applying for the Professional Writing minor in the fall. My background is in journalism, with experience at *The Montecito Journal* and news station KEYT. I also recently acquired an online column with *The Daily Nexus*. I became involved with the Sustainability Program in fall 2007, writing news articles for the online newsletter and contributing two articles for the first print version of *The Sustainability News Beat*. I first became interested in energy after writing a policy brief for a global political economy class about ending America's dependence on foreign oil. I also wrote an article for *The Daily Nexus* instructing readers what they could do in their everyday lives to conserve energy. I am excited to be a part of Green Campus because I want to continue educating UCSB about the money and resource saving properties of energy conservation.

My name is Jesse Fulton and I'm very excited to be a new member of the UCSB Green Campus Team. I am a first-year Master's of Environmental Science and Management candidate at the Donald Bren School, where I specialize in Corporate Environmental Management and Eco-entrepreneurship. My main areas of interest are in continual improvement and innovation of energy management technologies, as well as further development of cost-effective solutions for renewable energy implementation. I feel very fortunate to be a part of the Green Campus team, and I am eager to expand my knowledge and experience with energy efficiency solutions for the UCSB campus. Prior to coming to UCSB, I attended Ohio University majoring in Industrial Technology, focusing on Industrial Business Operations. Currently, I am working to utilize what I am learning from my experiences with the Green Campus internship and the Bren School in order to develop a business plan centered on project management services for commercial zero-net energy building development.



My name is Jordan Sager, and I am a Master's student at The Bren School of Environmental Science and Management at UC Santa Barbara, where I specialize in Corporate Environmental Management. My interests are in resource-efficient construction and management practices at the commercial and institutional levels. Before enrolling at The Bren School, I earned a Bachelor's of Science degree from the University of Redlands, and worked for an international environmental engineering firm for over two years. I am thrilled to be a part of the UCSB Green Campus Team, and look forward to implementing strategies to reduce the University's short and long-term energy requirements.

Green Campus Interns

Sonny Hoang / shoang21@gmail.com / (925) 212.7665
Sarah Bresko / sbresko@gmail.com / (425) 457.0056
Jesse Fulton / jfulton@bren.ucsb.edu / (937) 441.3996
Jordan Sager / jsager@bren.ucsb.edu / (808) 375.4548
Taylor Orr / orr.taylor@gmail.com / (408) 461.0451
Clayton Carlson / ccharlson@umail.ucsb.edu / (415) 497.1171



NEWSLETTER

January 2008

UCSB's Green Campus



Hey Everyone! My name is Clay Carlson and I am a second year environmental studies student here at UCSB. I currently work as the Resident Assistance for the Environmental Awareness Hall in Santa Rosa Residence Hall. As an RA, I have had the opportunity to work with residents to plan environmentally-themed events, and as well meet and interact with a multitude of university staff and departments. I hope to be able to use both the Green Campus Program Internship and my RA position to provide an even larger outreach to students across campus. I can't wait to spread information and plan programs to increase awareness of the "Green" movement, and feel that my two positions will allow me to cater to this opportunity.

Cancelled Rainy day CFL exchange becomes a great success the following weekend

The Green Campus Program planned for a gigantic CFL exchange to take place on Sunday, January 27th. Interns hoped to make progress toward their goal of door-to-door light bulb exchanges in all of Isla Vista by the end of the year. Unfortunately, a week of rainy, windy weather cancelled the exchange. Even with the pouring rain, three die-hard volunteers showed up to the park, ready to exchange light bulbs no matter the weather conditions!

A second attempt to exchange light bulbs occurred on Saturday, February 2nd. The rescheduled exchange coincided with Calpirg's "Day of Action". Following Focus the Nation, the "Day of Action" helped students see ways to take action against climate change instead of just talking about it. The Green Campus-sponsored CFL exchange became the main focus of the day.

The exchange was a great success; 15 volunteers from Calpirg and 10 volunteers from Alpha Tau Omega Fraternity volunteered. Their hard work and dedication helped to exchange 796 light bulbs in just two hours, preventing the release of **915,400 pounds of CO₂** from being released into the atmosphere!



Above: Volunteers with many of the collected incandescents at the close of the exchange

Below: Volunteers getting ready to exchange CFLs



Green Campus Interns

Sonny Hoang / shoang21@gmail.com / (925) 212.7665
Sarah Bresko / sbresko@gmail.com / (425) 457.0056
Jesse Fulton / jfulton@hren.ucsb.edu / (937) 441.3996
Jordan Sager / jsager@hren.ucsb.edu / (808) 375.4548
Taylor Orr / orr.taylor@gmail.com / (408) 461.0451
Clayton Carlson / ccarlson@umail.ucsb.edu / (415) 497.1171



NEWSLETTER

January 2008

UCSB's Green Campus



E-Cube Technology

Green Campus UCSB is proud to announce that it will be piloting new E-Cube technology in refrigerators and freezers at UCSB. E-Cube, created by SENERGY Solution, is a food stimulant device that can be connected to either the thermostat or the temperature sensor in refrigerators. Interns hope to install these boxes primarily in the dining commons where they will have the most effect. Interns have met with the energy managers on campus and have received endorsements to install this new technology in equipment on campus. Interns will then collect energy savings data on the new technology and will act as a third party verification for the SENERGY Solution manufacturers.

“Nearly 20% of GLOBAL energy is used
by Refrigeration”



What is the E-Cube? What does it do? How does it do it? The E-Cube mimics food temperature so that the fridge does not turn on automatically every time the door is opened. There is also no need to worry about food spoiling because the E-Cube will also warm up slightly quicker than the food it is designed to protect. The E-Cube achieves 16%-22% reductions in energy use when fitted to the thermostat sensor by reducing the frequency of compressor cycles as the refrigerators and freezers will be operating off of simulated food temperatures instead of the ever fluctuating air temperatures.

Coming Soon: Freezer Rebates!

Green Campus interns are working together with the Lab Rats program to identify and remove energy hungry and out-of-date refrigerators and freezers in laboratories on campus. Interns will be e-mailing lab managers and posting flyers to gather information on how many pieces of outdated equipment are lying around just asking to be rebated through Southern California Edison's rebate program. Laboratories which volunteer their equipment will receive a \$50 rebate and interns will pick the freezers and refrigerators up at their doors.

Green Campus Interns

Sonny Hoang / shoang21@gmail.com / (925) 212.7665
Sarah Bresko / sbresko@gmail.com / (425) 457.0056
Jesse Fulton / jfulton@hren.ucsb.edu / (937) 441.3996
Jordan Sager / jsager@hren.ucsb.edu / (808) 375.4548
Taylor Orr / orr.taylor@gmail.com / (408) 461.0451
Clayton Carlson / ccharlson@umail.ucsb.edu / (415) 497.1171

