

# Green Pastures

CAL POLY POMONA

## Meetings, Water Savings, and Bike Blenders

*Spring Stakeholder Meeting, Green  
Campus Mini-Summit, and more!*

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### What is the Green Campus Program?

The Alliance to Save Energy's Green Campus Program empowers college students to be tomorrow's energy efficiency leaders. Currently on 16 universities and colleges and employing over 75 interns each year, the program engages students in building pathways to green careers, realizing measurable energy savings, infusing energy and energy efficiency concepts into academic curricula, and promoting energy efficiency awareness. Green Campus interns work closely with faculty, staff, administrators, and other students to engage them in energy efficiency projects.

### For more information please visit our website:

[www.GreenCampusCPP.org](http://www.GreenCampusCPP.org)

### For general inquiries contact us at:

[greencampus.cpp@gmail.com](mailto:greencampus.cpp@gmail.com)

#### Editor In Chief

Wen Lee

#### Senior Editor

Andrew Coyne

#### Contributors

Cynthia Joe

Krishna J. Hernandez Pruhs

Crystal Huang



### On the Cover

A view of the UCSB campus, where the SoCal Green Campus mini-summit was held (please see page 5 for more info).

### Above

Thumbs up! A student shows his approval of the new Green Campus bike blender (see page 6 for more info).

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## WHAT'S NEW?

Go Green & take the Green Campus Sustainability Pledge TODAY!

Visit our website for details:  
[www.GreenCampusCPP.org](http://www.GreenCampusCPP.org)



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The Alliance to Save Energy's Green Campus Program is funded by the ratepayers of California under the auspices of SCE, SDGE, PG&E, and SoCal Gas Company





*Top left: Green Campus interns award the Energy Services Unit of Facilities Planning and Management with a Green Space certificate; top right: intern Krisha Hernandez-Pruhs moderates the meeting.*

## Spring Stakeholder Meeting

By Crystal Huang

It's that time of the year again for the 2011 Green Campus Stakeholder Meeting! On May 20th, as a celebration of the work done throughout the year, Green Campus interns gave a presentation about all their 2010-2011 projects including the ENV 1000 Challenge, exterior walkway lighting audit, Green Commons, and the Earth Week campaign. The event began around noon when 21 faculty stakeholders and Green Campus affiliated students arrived at the Lyle Center Dining Commons. Attendees enjoyed catered pizza and salad while the Green Campus interns presented their projects. Soon following the presentation, the Cal Poly Pomona Energy Services Unit was presented with their Green Space certificate before a question and discussion session. The discussion was led by one of the interns, and stakeholders and attendees were able to give their input and suggestions to the various projects that were highlighted during the event. Overall, it was a successful end-of-the-year meeting, celebrating the energy, water, and monetary savings that would not have been possible without the stakeholder's continued support. Though this year featured a multitude of successful projects, Green Campus interns look forward to a whole new year of savings and collaborations. Thank you to all Green Campus stakeholders for attending and for your continued support!



*Middle right: stakeholders listening intently to the presentation; bottom right: the team poses for a photo following the meeting.*





*Green Campus interns from around Southern California met in Santa Barbara on May 13.*

## Cal Poly Pomona Green Campus Heads to UCSB

By Andrew Coyne

On Friday, May 13th 2011, Green Campus teams from throughout Southern California gathered for a Mini-Summit at beautiful UC Santa Barbara. This was the first such meeting of its kind. Previously, the only convergences that took place were at the mid-year Summit with the entire Green Campus Program, and the California Higher Education Sustainability Conference, both of which lasted multiple days and included many workshops and presentations. In contrast, the Mini-Summit had a more intimate feel. It was only a day long and allowed the interns to discuss projects they were implementing on their campuses. There were also presentations by Jordan Sager, LEED Program Manager at UCSB (a former Green Campus intern), and Valerie Knight, the Southern California District Account Manager for Nalco, a sustainability company that helps customers reduce energy and water consumption. Jordan's presentation focused on energy auditing basics, including baselines, benchmarking, and Portfolio Manager, an energy management tool from Energy Star. The core of Valerie's presentation was all about water and how to calculate water paybacks. There was a lot learned that day, but there were moments of fun as well. If you asked one of the attendees of the

Mini-Summit what was the highlight of the day, they would probably tell you it was the filming of a new "Mr. Eco" music video. It featured Cal Poly SLO intern Brett Edwards as "Mr. Eco" and all the Green Campus interns who were present that day. Though the new video has yet to come out, it is worth checking out the previous "Mr. Eco" video on youtube: [www.youtube.com/MrEcoCalPoly](http://www.youtube.com/MrEcoCalPoly). This is just one example of the creative means Green Campus interns will use to get the energy efficiency message out.



*Mr. Eco confronts the Energy Hog.*





*Above left: freshly-made berry smoothies; above right: students sign the sustainability pledge as they wait their turn to ride the bike; below left: Green Campus intern Crystal Huang powers the bike blender as fellow intern, Cynthia Joe (left), and first year urban planning student, Eve Sanford (right), look on (courtesy of [polycentric.csupomona.edu](http://polycentric.csupomona.edu))*

## Bike Week!

By Cynthia Joe

"Come and get your bike blender smoothie, powered by you!" This was Green Campus Program's tagline for the team's newly acquired blender purchased from Rock the Bike, a group of bicycle inventors and advocates based in Berkeley, CA. Interns decided to join in on the festivities at the Bike Week Club and Resource Fair by purchasing a pedal powered bike blender with an accompanying rear rack. With the help of Facilities Planning and Management Energy Services Manager George Lwin and Student Intern Brandon Ro, the blender base was attached to a spare bicycle and affixed onto a stationary training

stand. At U-Hour on Thursday, May 19th, interns Crystal Huang and Cynthia Joe set up outside the Bronco Student Center and invited passersby to try blending their own beverage. Immediately a hit with students and staff, the campus photographer featured intern Crystal Huang as "Picture of the Day" on Cal Poly Pomona's daily news website. Aside from the entertaining appeal of a human-powered blender, the zero emission "appliance" also helped individuals understand the physical capacity required to create one kilowatt of electricity. Other clubs that participated in the fair included the Cycling Club, American Planning Student Association, Bust of the Bubble, Green Team, and many others. Many thanks to the Bike Week Planning Committee for coordinating a week-long series of fantastic events and George Lwin and Brandon Ro for assembling the bike blender!

# Green Campus By the Numbers- Total Outreach for May 2011

What	How Many	What Happened
Number of stakeholder meeting attendees	21	Staff members from various departments, student volunteers, and two faculty members were in attendance
Number of people who completed the Los Olivos lighting survey	62	The survey gauged awareness and support for the recently-performed lighting retrofit in the Los Olivos Dining Commons
CSU Office of the Chancellor's grant	\$1000	Green Campus received a grant for a WiFi thermostat control pilot project in the Facilities Department at Cal Poly Pomona

## Surveying Energy Awareness

By Crystal Huang

Have you noticed a lighting difference in the Los Olivos Dining Commons? At the most recent GCP tabling event in front of the Commons, interns asked students and faculty alike the same question. As part of the Green Commons project, Green Campus worked in collaboration with the staff in Los Olivos, to retrofit all the lights in the main dining area, replacing 32-watt fluorescent lamps to more energy efficient 25-watt lamps. So if your answer was no and you have not noticed a difference in lighting, the retrofit was successful in maintaining light levels while saving energy! Those taking the survey were also asked

if they supported the change in lighting fixtures and why or why not. These questions garnered a multitude of answers, but generally the student body was in support of the retrofit because of the savings in energy and money. For an hour May 3rd, students had the opportunity to take the survey before entering the Commons for lunch and as an added incentive, those that left their email were entered in a drawing for a Cal Poly gift card. Overall, it was a successful event and by going through the responses, Green Campus can get a better idea of how students respond to saving energy and increasing efficiency on campus.



Left: intern Crystal Huang overlooks students completing the survey; above: the survey gauging students' awareness of the Los Olivos retrofit.





## Aliso Aqua Awareness Challenge

By Cynthia Joe

Here's a challenge for you: Save four gallons of water daily. Sounds easy, right? Recently, the residents at Aliso Hall are facing the same challenge with the goal to save a total of 14,000 gallons by Friday, June 3rd. Reducing their usage by 14,000 gallons from May 16th to June 3rd approximately amounts to a 10% reduction relative to average water usage in May 2008, 2009, and 2010. With 212 residents, each person will need to reduce their daily water usage by 4 gallons consecutively for 21 days in order to reach the goal and win an ice cream party!

Prior to the beginning of the competition, residents were given the opportunity to answer a survey which asked about shower and laundry habits. For instance, Green Campus queried "On average, how long are your showers?" and "How many loads of laundry do you do per week?" Aliso Resident Life Coordinator Jason Lu assisted the Green Campus team by distributing the surveys to all residents in the building. The Green Campus interns were then able to interpret the survey results to understand resident attitudes towards water usage. As an added incentive, the first 25 survey respondents were given a free raffle prize. At the conclusion of the Aliso Aqua Awareness challenge, a post-survey will be disseminated once more to see if attitudes have changed, or if individuals have acquired water saving behavior.

Best of luck to Aliso Hall! For easy water saving tips, visit [www.wateruseitwisely.com](http://www.wateruseitwisely.com)



## Contact Us!

### Green Campus Interns:

Andrew Coyne: [andrew.coyne1@gmail.com](mailto:andrew.coyne1@gmail.com)

Cynthia Joe: [cynthiastjoe@gmail.com](mailto:cynthiastjoe@gmail.com)

Krishna J. Hernandez-Pruhs: [kjpruhs@gmail.com](mailto:kjpruhs@gmail.com)

Crystal Huang: [crystalhuang3@gmail.com](mailto:crystalhuang3@gmail.com)

### Green Campus General Inquiries:

[greencampus.cpp@gmail.com](mailto:greencampus.cpp@gmail.com)