

# Green Pastures

## CAL POLY POMONA

### Green Campus Attends California Higher Education Sustainability Conference

*Interns Head to Cal State Long Beach for 5-day Event*



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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:

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## WHILE YOU WERE OUT...

The Cal Poly Pomona Green Campus Program interns were working on the following projects during the summer quarter:

- Revamping Green Space Office Certification documents
- Final Reports on Dining Efficiency at Collins College's The Restaurant at Kellogg Ranch
- Delivering SCE Smart Strips
- Drafting lighting audit report on all external parking lots

## On the Cover

Green Campus interns took a tour of Cal State Long Beach's Japanese Garden and captured picturesque scenery on camera.

## Right

From left to right: Green Campus interns Crystal Huang, Cynthia Joe, and Andrew Coyne pose for a picture in the Japanese Garden.



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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 Sempra Energy.

# Green Campus Heads to Cal State Long Beach!

By Cynthia Joe

This year, Cal State Long Beach hosted the California Higher Education Sustainability Conference from July 10th to July 13th. The unique event brings together all three public high education systems - the California State University, the University of California, and the California Community Colleges. The conferences laud campuses for their sustainable practices and also focuses on how California's higher education institutions can go greener.

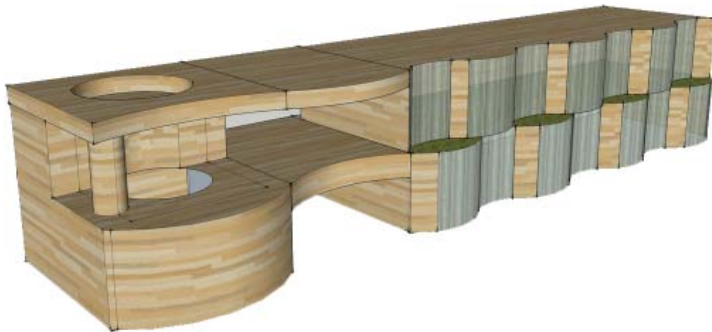
Green Campus interns Cynthia Joe, Andrew Coyne, Crystal Huang, and Krisha J. Hernandez-Pruhs convened with over 70 other interns at the annual Green Campus End of Year Meeting. On Sunday, July 10th, interns reunited with team leads (who are based in Oakland) and participated in various workshops to enhance their skills in energy efficiency. Later in the evening, the conference kicked off at a reception in the Long Beach Aquarium. From Monday to Wednesday, the conference officially commenced with remarks from

the keynote speaker and CSU Long Beach President F. King Alexander. Some highlights include:

- Green Campus intern Andrew Coyne spoke on a panel discussing the first-ever national energy housing competition
- Green Campuses UC San Francisco and Cal State Fullerton were recognized for their work with the Student Energy Efficiency Program award
- Many workshops tailored to specific topics in sustainability (i.e. Green Office Certification, Alternative Transportation and Social Equity, Urban Gardening)

At the conclusion of the conference, Green Campus interns gained a fresh perspective on projects currently in progress at Cal Poly Pomona. Additionally, through attending workshops and speaking with other campuses, inspiration for new projects will hopefully come to fruition this coming Fall.

## Interns Participate in Design Charette



*Above: Intern Crystal Huang was tasked to create an energy efficiency building. at a two-day design charette. Her final design echoes the undulating waves of the ocean next to Cal State Long Beach.*

By Crystal Huang

Participants at the conference were also able to sign up for an intense two-day experience from July 13th-14th. The design charette was designed to bring students of all disciplines together to explore an integrated design process and project delivery. With the roles of owner, contractor, architect, landscape architect, and MEP engineer, the teams were given the task to design a net-zero library for Malibu High School. To help with the process, about three professionals in their respective energy efficiency fields aided the students with the available computer programs and design concepts. The designs were further fueled with the available programs that gave information



*Above: Intern Crystal Huang participates in an hands-on event hosted by James Rojas. Rojas encourages individuals to create their ideal built environment using "found objects."*

on wind speed, sun angle, and shading. Keeping in mind budget, cost, materials, and cohesive design, the final project was presented to a jury of four professionals.

The teams were judged based on effectiveness of the business proposal, use of the various computer programs, and the overall integrated design. It was a great experience to be able to work with an integrated approach and to study the effectiveness of the process. The design charette was also effective in giving everyone a better perspective of the design process and also how each of the other positions function. In the end it was a rewarding, but intense, two days of design. Also, the added incentive of iPads for the winning team wasn't so bad either.

# Aliso Hall Aces the Aqua Awareness Challenge!

By Cynthia Joe

The results are in, and Aliso Residence Hall has successfully completed their challenge! During Spring Quarter, Green Campus asked all 212 residents at Aliso to reduce their water usage by 10% from May 16th to June 3rd. This meant that each person would need to reduce their daily water usage by 4 gallons consecutively for 21 days. Before the challenge, Green Campus intern Cynthia Joe distributed an online survey asking residents about their water usage habits. With the assistance of Resident Life Coordinator Jason Lu and Associate Director of Housing Facilities Barney Wright, flyers were posted and shower timers were distributed to students, encouraging them to conserve water. At the conclusion of the competition, Green Campus verified that Aliso Hall saved **17,600 gallons of water!** To congratulate the residents on their achievement, Green Campus interns threw an ice cream party. Congratulations to Aliso Hall on your achievement!



Image courtesy of [www.bonfirehealth.com](http://www.bonfirehealth.com)



From left to right: Green Campus interns Andrew Coyne, Crystal Huang, Cynthia Joe, Michel'le Jones, Tonya Bobbitt, Gil Rutherford, and Robin Gamboa pose for a group picture at the main entrance of the Customer Technology Application Center (CTAC).

## Green Campus Teams from CPP and San Bernardino Attend Meeting at SCE

By Crystal Huang

On June 22nd Green Campus interns were invited to meet with representatives from the program's funders, Southern California Edison, at their Irwindale location. Interns from the Cal Poly Pomona and CSU San Bernardino discussed collaboration on future events with several representatives. Along with the brainstorm discussion, the interns also participated in a tour of the SCE smart house. This real life simulation featured one of the nation's most advanced metering system that empowers customers utilizing a secure two-way wireless connection. Interacting with "smart" appliances, solar installations, and plug in electric vehicles allows customers to see live energy use and cost information. Overall, the meeting with SCE was an educational experience and a great way for the interns to communicate with their funders.

## Green Campus By the Numbers - June/July 2011

EVENT	ENERGY	WATER	CO2 EMISSIONS	\$\$\$
Aliso Aqua Awareness Challenge	2,235 kWh	17,600 gallons	1,528 lbs	\$79.05
Sustainability Pledge*	2,528 kWh	15,330 gallons	3,783 lbs	\$476.54

NOTES: \*Comprises potential, projected savings for 1 year.





*From left to right: New team lead Danielle Lauber joins interns Cynthia Joe, Krisha J. Hernandez-Pruhs, outgoing team lead Wen Lee, interns Andrew Coyne, and Crystal Huang at the stakeholder meeting at the Lyle Center.*

## WE WANT YOU!

Do you consider yourself an environmentalist who wants to learn real ways to reduce our ecological impacts? Do you enjoy working with people? Are you good at graphic design and creative concepts? Look no further! The Green Campus Program is looking for a new team member! We are currently hiring for the position of Project Coordinator/Intern. If you or someone you know are interested in learning more about the position, contact us at: [greencampus.cpp@gmail.com](mailto:greencampus.cpp@gmail.com) and keep your eyes peeled for job announcements on campus!

## Farewell to Andrew!

It's once again time to bid farewell to another Green Campus intern, Andrew Coyne, as he graduated this spring with a degree in Urban and Regional Planning. Throughout a period of two years, Andrew has become an integral part of the team with his roles as project coordinator and team treasurer. Andrew facilitated many successful projects including the annual campus conservation nationals which involved tracking energy consumption of the six dorms on campus. Another successful project was Green Commons in which Andrew was able to upgrade lighting in the Los Olivos dining hall to more efficient alternatives. He even won a grant to pay for the retrofit! Most importantly, Andrew's importance to the team was recognized at the End of the Year conference where he was named Green Campus Program's best treasure. His attention to detail and accuracy was crucial for the team's budget. Andrew, as your proud successor in the position of team treasurer, I speak for the entire team saying we have learned so much from you. Your upbeat attitude and easy personality will be missed. Best of luck in everything!

## Goodbye Wen!

Former team lead Wen Lee has been with the Green Campus Cal Poly Pomona since January 2010, serving as guide and mentor of three Green Campus teams: CPP, Cal State San Bernardino, and UC Berkeley. During her tenure, she has provided keen advice to interns on their respective projects as well as maintained a high level of energy and enthusiasm. Wen's commitment to helping Green Campus interns will truly be missed! Wen - best of luck on your future endeavors!

## Welcome Danielle!

With the departure of Wen, Green Campus CPP welcomes new team lead Danielle Lauber with open arms! Danielle previously served as Campus Organizer at UC Merced with the California Energy Service Corps AmeriCorps Program. She supervised young adults who installed clean energy systems and water-saving devices in the homes of low-income residents in California's Central Valley. Prior to working with the Energy Service Corps, she attended the State University of New York College of Environmental Sciences for a B.S. in Environmental Forest Biology and Forestry and Clark University for a M.A. in Environmental Science and Policy. Born and raised in NY, she enjoys exploring the Bay Area and trail running in the northern California parks. Welcome Danielle!

## Contact Us!

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