

# Pastures

## Green



*Green Campus Interns: Brandon Ro, Shannon Nowell, Elaine Dulay, and Andrew Coyne at Green Campus' 2010 Summit in Santa Cruz, CA*

## CAL POLY POMONA

Green Campus Program



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## Green Campus Recharged: The Energy Efficiency Summit

By Andrew Coyne

On January 30, Cal Poly Pomona's Green Campus interns boarded a plane at Ontario International Airport and flew to Santa Cruz, which lies on the Monterey Bay in Northern California. They were heading to the 6th Annual Alliance to Save Energy's Green Campus Energy Efficiency Summit. Three days and another plane trip later, the interns returned to Southern California with renewed enthusiasm for their work in making the Cal Poly Pomona campus even more energy efficient.

The Summit consisted of a series of presentations and workshops focused around the goals of the Green Campus Program. All of the Green Campus teams, including the newly created teams of the Los Angeles Community College District, were represented at the Summit. The theme of this year's Summit was "Greening the Campus, Building the Workforce." The Alliance certainly delivered on their promise to provide an exciting and informative program that covered everything from energy efficiency technology for the campus, to transitioning into the "green" workforce after graduation. One of the highlights of the weekend was the keynote address by Panama Bartholomy, advisor of the California Energy Commission. He spoke with great eloquence and humor about new energy policies that have been enacted in California and the great need for young energy professionals in the public sector.

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### NEWS FLASH!

**Cal Poly Pomona Green  
Campus releases its first  
Energy Video!**

**"Be Respected, Not Rejected!  
10 Energy Saving Tips for  
Campus Living"**

Visit our website to watch:  
[www.GreenCampusCPP.org](http://www.GreenCampusCPP.org)

# Meet Our New Campus Lead: WEN LEE

Interview by Shannon Nowell

The Cal Poly Pomona Green Campus team has a new fearless leader- Wen Lee! Throughout January, Jennifer Alvarez, our previous campus lead, has been transitioning the position to Wen Lee. Jennifer will remain a part of the Alliance to Save Energy family, but moves on to work with the K-12 schools in the Green Schools Program.

Green Campus decided to dig deeper and see what influenced Wen's decision to join Green Campus and the Alliance to Save Energy.

Check out our interview of Wen Lee:

## Welcome to Cal Poly Pomona's Green Campus Team!!

*Why, thank you!*

## Tell us a little about yourself: Where are you from originally?

*In my early childhood I've lived in San Diego, Michigan, and Taiwan. Then in 4th grade my family moved to Southern California where I stayed until college. When people ask me where my hometown is, I tell them Temple City because that's where I spent most my life (TC pride!). I have a B.A in Biology from Occidental College in Los Angeles and an M.S. in Environmental Studies from the University of Oregon in Eugene, OR.*

## Where did you work before and what did you do?

*I spent 2 years working as a Naturalist at the Los Angeles Outdoor Science School. I took 5th and 6th graders out hiking in the San Gabriel Mountains and taught them about ecology. I've also spent some time teaching high school physics and chemistry.*

## What motivated you to join the Alliance to Save Energy? What is your main goal while working with the Alliance?

*Environmental education is my passion. I love working on environmental issues, and I love working with college students. When I heard about the Green Campus Program, I knew right away that I wanted to work here. Energy efficiency is so important and so easy, and lots of people just don't know about it. The campus could save thousands of dollars, and help the environment at the same time, just by doing simple things and paying more attention to energy efficiency. That's what Green Campus is all about.*

*My goals are for 1) the campus to save energy and money, 2) the campus community to become more aware of why energy efficiency is so important, and 3) the Green Campus interns to learn how to become environmental leaders, both during college and after they graduate.*

## Besides triple-decker peanut butter and jelly sandwiches, do you have any other culinary preferences we should be aware of?

*I've been a vegan since I was a junior in college... that means I don't eat any animal products (no meat, eggs, or dairy). The reason I do this is because I've learned about how meat, eggs, and milk are produced in the United States and I disagree with it (especially factory farming), so I've decided to boycott the industries. While it was challenging at first, it's now just a part of my life and I love it! It makes me more conscious about what I buy at the market, and I feel as though I'm doing a small part to change the world... by voting with my dollars. And of course, eating vegan/vegetarian saves A LOT of energy versus eating meat!*

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# Winter 2010 Stakeholder Advisory Meeting

By Elaine Dulay

Cal Poly Pomona Green Campus interns held their winter 2010 stakeholder advisory meeting on Friday, February 19th. The purpose of this meeting was to invite new potential partners and existing stakeholders to collaborate and brainstorm project ideas for this academic year.



*Green Campus Intern Andrew Coyne describes actual and projected energy savings on campus to the attendees at the Stakeholder Advisory Meeting presentation.*

The meeting began by introduction of the interns, new campus lead Wen Lee, and outgoing campus lead Jennifer Alvarez. Attendees were also asked to go around and introduce themselves and the department they were representing. Green Campus interns were delighted to have attendees Meaghan Smith (Facilities Administrative & Energy Services), Betty Kennedy (University Housing), George Lwin (Facilities Management & Energy Services), Razilee Tadeo (American Student Planning Association), Kyle Brown (John T. Lyle Center for Regenerative Studies), Alana Rivadeneyra (Green Team), Powell Velasco (Associated Students Incorporated), and Eve Sanford (Interhall Council) as a part of this meeting. Campus lead, Wen Lee, started off the presentation by introducing the Alliance to Save Energy's Green Campus Program as it is made up of interns from all over the state's UC, CSU, and CCC system. The Green Campus interns then proceed with a presentation highlighting past and current project successes. Green Campus intern Andrew Coyne describes actual and projected energy savings on campus for the 2009-2010 academic school year. The team was excited to showcase their new energy video for the first time during the meeting. The 5 minute long video entitled "Be Respected, Not Rejected! 10 Energy Savings Tips for Campus Living," available online at [www.greencampuscpp.org](http://www.greencampuscpp.org) was well received by the stakeholders. The presentation was followed by a group brainstorm session. During the brainstorm session, everyone had the opportunity to discuss how their group may potentially collaborate with Green Campus for energy efficiency projects on campus. The discussion also focused on how educational outreach and group collaboration could be extended throughout the university.

Everyone's comments and ideas were appreciated. The meeting was full of great ideas. Thanks to all who attended! We hope to hear and work with you in the near future.

## DID YOU KNOW?

Over half of renewable energy goes into producing electricity.

About 9% of U.S. electricity was generated from renewable sources in 2008.



*Front row: GC Intern Andrew Coyne, Campus Lead Jennifer Alvarez and GC Intern Elaine Dulay. Back row: Faculty Advisor George Lwin, GC Intern Brandon Ro, GC Intern Shannon Nowell and new Campus Lead Wen Lee.*

# College of Engineering Greens Its Lights

By Brandon Ro

Alongside the College of Letters, Arts and Social Sciences, the building for the College of Engineering (Building 9) also received the green light for an energy efficient lighting retrofit. One of the major energy hogs in buildings is lighting systems. Since energy consumption is directly related to greenhouse gas emissions, it is important to reduce the amount of energy used for lighting in buildings. In the case of the College of Engineering, this lighting retrofit will help save an estimated 149,770 kWh of energy usage each year. This is enough electricity to power 22 homes for a year!

In early November of last year, the Green Campus Program helped in the process of auditing the current lighting conditions within this building. Interns measured lighting levels and recorded the quantity of luminaires, number of bulbs, diffuser types, and fixture types. They also noted

additional energy saving opportunities such as natural day lighting. Upon completion of the lighting audit George Lwin, manager of Energy Services within Facilities Management and Planning, used the information collected by Green Campus to produce recommendations for more energy efficient lighting. The retrofit to more energy efficient bulbs has a tremendous amount of projected savings that is almost double to those of the College of Letters, Arts and Social Sciences. Because the College of Engineering has greened its lights, the carbon footprint for the entire Cal Poly Pomona campus has been reduced significantly.



*Green Campus Intern Brandon Ro performing an interior lighting audit*



*Green Campus Interns Shannon Nowell and Elaine Dulay spread the green message while auditing a classroom*

# Green Campus Recharged: The Energy Efficiency Summit

By Andrew Coyne

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On Sunday evening, the Alliance hosted a career panel of professionals from the public and private sectors who spoke about career opportunities and valuable skills for work in the green economy. One of the more popular panelists was Dave Freeman, director of the Los Angeles Department of Water and Power, who stressed that the key to success was a passion for one's work. Other panelists emphasized the practical skills needed to succeed in the workplace, but few could argue with Freeman, who, at 84 years of age, is a living witness to doing something you love and succeeding.

On the final day of the Summit, interns and stakeholders engaged in a "World Café", a brainstorming session that gave them the opportunity to discuss new project ideas and the means of implementing them. When the curtain finally closed on the 2010 Energy Efficiency Summit, Cal Poly Pomona's Green Campus interns returned with a host of new ideas and newfound motivation to implement them. From now until the next Summit, the team will certainly be abuzz with activity, working to achieve measurable energy savings and promoting energy awareness at Cal Poly Pomona.

## Meet Our New Campus Lead: WEN LEE

Interview by Shannon Nowell

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### **Describe your perfect weekend!**

*Hm... I'd wake up around 9:00am with the bright sun pouring through my windows. I'd spend some time outside. See my family and a couple friends. Experience something new (even if it's small). Work with my hands. Not be rushed.*

### **Now that you are a NorCal girl, what do you miss most about Southern California? What do you like best about Northern California?**

*Haha! Well, besides my family, I miss good, cheap Chinese food (SoCal is the place to be for \$4 bowls of noodles). I also miss the L.A. sun.*

### **What stood out the most to you after your first Cal Poly Pomona visit?**

*It would have to be the big pointy building... the CLA. It looks like a spaceship straight out of Star Wars! That, and all the nice people that I talked to on campus. Cal Poly Pomona is a wonderful place to be.*



ALLIANCE TO  
SAVE ENERGY  
*Creating an Energy-Efficient World*



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