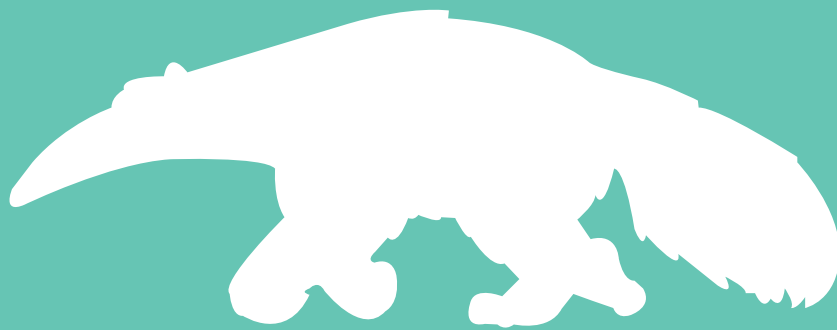


SEPTEMBER 2014  
VOLUME 9, ISSUE 7



# THE GREEN VINE

UNIVERSITY OF CALIFORNIA, IRVINE

## INSIDE THIS ISSUE

1

THE TEAM  
& CONTACT  
INFO

2

EDISON  
CLASS

3

STUDENT  
LEADERSHIP/  
AUDITS

4

COOLEST  
CAMPUS



## UCI POWERSAVE CAMPUS

[POWERSAVECAMPUSUCI.WEEBLY.COM](http://POWERSAVECAMPUSUCI.WEEBLY.COM)

E-MAIL: [UCI.POWERSAVE@GMAIL.COM](mailto:UCI.POWERSAVE@GMAIL.COM)

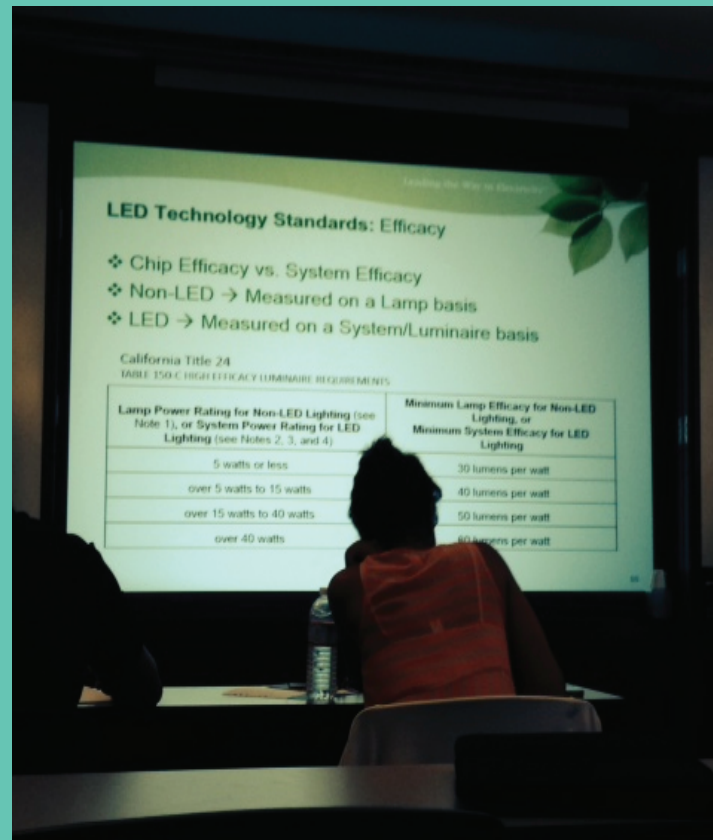
FACEBOOK: POWERSAVE CAMPUS at UCI TWITTER: POWERSAVEUCI

# SO CAL EDISON – LEARNING ABOUT LED TECHNOLOGY

BY MEGAN CRAWFORD

On Wednesday, August 27, the PowerSave team attended a Southern California Edison class on “The Basics of LED Technology” presented by Greg Sharp. This class focused on the past history, current status, and future of light-emitting diode (LED) technology, including the energy savings and improved environment associated with LEDs versus incandescent light bulbs and compact fluorescents (CFLs). The efficacy, or the efficiency of the light source in Lumens (unit of measure for the amount of light produced) per Watt, is the main indicator of LED energy savings. Compared to incandescent and CFLs, LEDs produce more light for every individual Watt of energy used. In the long run, LEDs produce much quality lighting with minimal energy consumption and reduced monetary costs. Thus, LEDs leave a much smaller carbon footprint than other light sources on the market, and contribute to a safer and more sustainable environment. Near the end of the class, several case studies done by SCE were highlighted to demonstrate the amount of energy and monetary savings achieved by replacing less efficient lighting sources with new LED fixtures. The results of these studies are astonishing with improved efficacy by switching to LED in almost every case and several thousands of dollars in savings.

“The Basics of LED Technology” was a very informative class, and provided helpful knowledge and skills that can be applied to future projects on campus. The PowerSave team had a great time attending this class sponsored by SoCal Edison and hopes to participate in additional classes in the future.



# SUMMER INSTITUTE FOR SUSTAINABILITY LEADERSHIP

BY JANET ORTEGA

Even though it is summer, UC Irvine is filled with enthusiastic students! UCI held its second annual Summer Institute for Sustainability Leadership (SISL) this past August. This program was created to give freshmen and transfer students the opportunity meet sustainability leaders on campus and gain leadership skills! The program consisted of action-planning workshops that will propel sustainability culture on campus. Power-Save Campus intern, Janet Ortega, was one of the four SISL 2014 mentors. Janet was excited to introduce future students to PowerSave Campus' projects and goals on campus. The SISL participants were very eager to get involved with some of these projects on campus, and plan on assisting the PowerSave team with their residential hall competitions such as Middle Earth's Water Battle and Mesa Court's MEGA Energy Competition. The UCI team has a lot in store for the 2014-2015 year!



## MESA COURT PLUMBING SURVEY

BY BILL LIANG, GRACE JUNG

Bill and Grace are our PowerSave Campus for-credit interns who were assigned to conduct plumbing surveys in Mesa Court Housing. They were assigned to identify all the faucets, toilets, and shower heads that are used in all 29 residential halls designed for first year students. Our for-credit interns' project will be completed by the end of summer and all the data they collected will provide Mesa Court Housing with a tool to plan for replacements for water efficient fixtures and budget appropriately for ongoing maintenance. Their efforts will help make UCI a greener campus by eliminating all the inadequate water fixtures and increase the efficiency by drastically reducing the amount of water wasted!

# MOST SUSTAINABLE CAMPUS

BY BRYANT PHUNG



This year, our school, University of California, Irvine was able to rank first on its list of “the coolest school.” The Sierra makes its ranking through the campuses’ action toward climate issues and how they operate sustainably. UC Irvine is the first school to develop an Earth System Science department. The school is very big on helping save the earth as it offers Meatless Mondays, encourages different modes of transportations, have hydration stations to avoid plastic bottle waste, and 12 buildings have earned the LEED certifications. UC Irvine has a handful of clubs and organizations whose goals are to promote green actions. Obama even recognized the school’s department on sustainability. The school’s green initiative is being recognized in great ways. We highly appreciate Sierra Magazine as it helps show that the campus is highly involved in helping make our planet better. We hope everyone continues doing what he or she can to help the Earth.

## OUR SPONSORS



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



SOUTHERN CALIFORNIA  
EDISON®

An EDISON INTERNATIONAL® Company



*Pacific Gas and  
Electric Company*



A Sempra Energy utility®



A Sempra Energy utility®