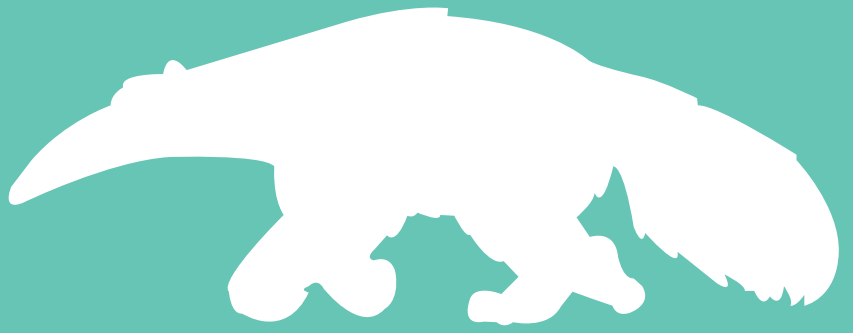




Greening the Campus,
Building the Workforce

AN ALLIANCE TO SAVE ENERGY PROGRAM



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THE GREEN VINE

UNIVERSITY OF CALIFORNIA, IRVINE

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2014 ENERGY EFFICIENCY SUMMIT

BY JANET ORTEGA



The New Year started off great with the 10th Annual Power-Save Energy Efficiency Summit hosted at the beautiful campus of UC Santa Cruz! The Team was very excited to explore northern California and meet other PowerSave interns.



The team learned a lot about energy equipment, efficient light fixtures, and ways to encourage energy efficiency from the amazing Emily Bailard, a representative from OPower. This new knowledge will definitely be used when planning new projects at UC Irvine.



The summit was also the team's last with Campus Lead, Ellie Kim. The team is sure that she will be great in her new occupation and wishes her the best!

The UC Irvine team is happy to have Dan Bertoldi as the new campus lead! Dan and the team got along right off the bat. With that being said, here's to a new year and new projects. Thank you everyone for an amazing weekend!



JAIMIE'S STUDY ABROAD EXPERIENCE

BY JAIMIE WAN



Above is a photo of me and my church fellowship in Hong Kong. We went hiking on Lantau Island and were searching for an infinity pool. If you ever visiting Hong Kong, there is more than meets the eyes. Beyond skyscrapers and urban island heating, there are wonderful hidden nature preserves and country parks to be explored.

你好 (Hello in Cantonese)! It is good to be back in Southern California with our beautiful year-round sunshine. I was studying abroad for a semester at Hong Kong University during the latter half of 2013. It has been a very DIFFERENT experience to say the least. Hong Kong's weather is humid and rainy during the summer months and quite chilly and windy during the winters. Besides learning to adapt to the variable seasons, I had to adapt to a new school system and different teaching methods. I studied Geography which is the equivalent major to Urban Studies (which is what I study at UC Irvine). Geography/Urban Studies is the study of cities, people and their relationship to the environment, planning, policy, and sustainable designs. It was a unique opportunity for me to see urban issues through a different lens while in Hong Kong. A lot of what we were learning were practical measures that are being implemented in the urban and rural areas that we experience hands on through face to face interactions with locals. My courses required us to go out into the field for observations and data collection to make a critical analysis of Hong Kong's Environment Impact Assessment. Hong Kong is a rapidly developing place and it was a privilege to be in the midst of innovation and real life applications that help meet the needs of Hong Kong's growing population.

With my continually evolving perspective of culture, politics, public participation, funding, environmental health and safety, natural ecology, etc. that influence the status of a sustainable future, I have begun to see solutions in a different light. Because global sustainability via energy and water efficiency is interconnected through many facets of life, a connection can be made for every individual in the world, the next step is to figure out how to make those connections wherever we are in the world.

Sidenote: Hong Kong's transit system is amazing! If I ever lived there I would never want to own a car (decrease that carbon footprint!) because there's the Mass Transit Railway (MTR) and a very reliable bus system! I fell in love with the public transportation (not to mention the student discount) which allowed me to travel and explore all the nooks and crannies of Hong Kong. Some interesting facts about Hong Kong's transit:

<http://www.gov.hk/en/about/abouthk/factsheets/docs/transport.pdf>

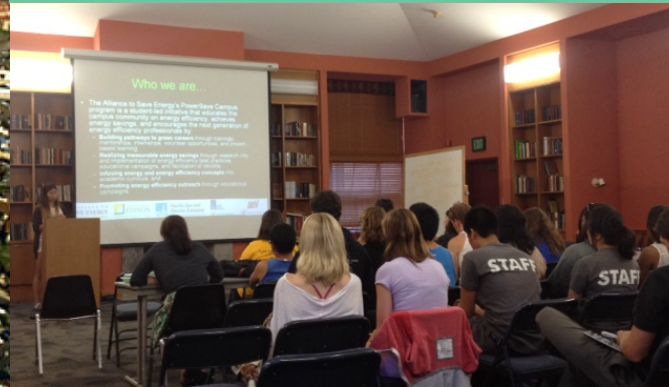
CURRENT PROJECTS

ENERGY EFFICIENCY IN THE UCI DINING COMMONS BY JACQUELINE KHA

I am currently working on a video project that will take place at our on-campus dining locations. The short video informs the student employees on ways to be more energy efficient about their work. She will be coordinating information with the UCI Dining and Hospitality Director, Jack McManus, and Business Manager, Karen Douglas. Some topics that will be covered in the video are reminding employees to turn off burners, notifying employers of leaky faucets, and being as efficient as possible, as to not waste more resources in order to redo a job. This project is currently still in the planning process, so there are many areas to be worked on and improved. With a clear and a straightforward focus, our hope is that employers will use the video during employee orientations.



BE AN
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NOT AN
ENERGY
EATER





Carmelisa Morales and I have been working to create a video to educate students in Mesa Court, a residential community for freshman at UC Irvine, about energy efficiency in their residence halls through simple, daily actions to lower their energy use, and to showcase many of Mesa Court's efforts towards energy efficiency. So far, we have drafted a storyboard and created a script to demonstrate various energy efficiency tips in the dorms. Within this script, we will interview several Mesa Court residents and ask them what energy efficiency means to them, then students will guide us around their residence halls to show which actions are taken to save energy. Some of these simple tips include using power strips for multiple plugs, turning off unnecessary lights during the day, opening windows, taking shorter showers, unplugging unused appliances in the kitchen, and drying clothes with full loads.

In addition, Carmelisa and I contacted Tim Guesman, Mesa Court's Associate Director of Operations, and received a list of retrofits and energy efficient efforts made to a few residence halls by Mesa Court. These initiatives include low flow shower heads, hydration stations, energy saving decals, motion detecting lights, and more. The interns plan to compare older residence halls to the retrofitted halls to show the improvements that have been made.

In spring quarter, after the video is completed, Carmelisa and I will speak to a few residence halls and table in front of Mesa Commons to raise awareness of the video. We will also create pre and post-surveys to distribute to the students for when they watch the video, in the hopes of seeing changes in energy saving practices in Mesa Court.

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