

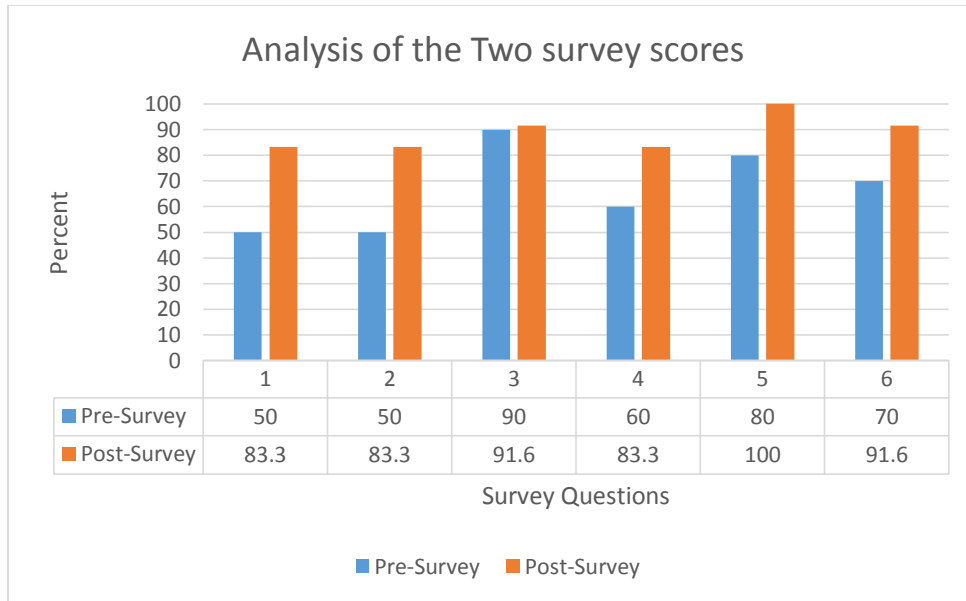
Inside this Issue:

Page 1:
Academic
Infusion Project
De-Brief

Page 2-4:
New Intern Bios

Page 5:
Fall Quarter
Wrap-Up

A SUCCESSFUL ACADEMIC INFUSION PROJECT



Out of many of the projects we pursue here at UC Irvine, one of the goals that is common to all of them is to conduct outreach to help students understand the importance of energy efficiency. One of our interns, Brij, had taken the initiative to extend this concept to the classroom by initiating and successfully completing a project this past fall quarter. He worked extreme long hours to make this project a success, and after collaborating with Professor Richard Matthews, was also able to determine the quantitative learning gains from this effort. After working with professor Matthews to develop an energy efficiency presentation covering major themes, Brij gathered data collected from a pre-survey Dr. Matthews gave to his class. After presenting a slideshow to the students, Dr. Matthews then distributed a post-survey which Brij also analyzed, comparing the results to the responses from the pre-survey.

The results showed a significant increase in the proportion of correct answers after students had experienced the presentation. As shown in the results below, there is a higher percentage of corrects answers in the post survey than the pre survey. The survey was conducted in a class of thirty students, twenty of whom attempted to take the survey. The questionnaire consisted of some simple, and some complex questions about energy efficiency, power saving and where energy comes from. We're encouraged to see that they learned something from this experience!

-Brij Patel

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NEW INTERN: JACQUELINE KHA



As a new member to the team here at UC Irvine, one can guess that sophomore Jacqueline Kha is ardent about sustainability. In fact, sustainability has been a deep-rooted passion for her, having been brought up in a household that lived rather providently- old trashcans that were converted into rain barrels were present the minute clouds started to look heavy; a garden, watered by collected rain-water, provided many vegetables and fruits throughout the year; and backyard composting helped to fertilize the garden. Due to these practices, as well as others, Jacqueline is no stranger to sustainability and the application of green ideas.

As a student, Jacqueline spends most of her time studying her other passion- Business Economics. She is always looking for methods to maximize the enjoyment of life and minimize the opposite. Exploring new places, eateries, and activities are some of Jacqueline's favorite ways to do so. She has travelled to Yosemite and Taiwan, but has yet to go to State Bird Provisions or Yellowstone. In a few words, one would say that she can be described as cheesy, loyal, and happy. Jacqueline dabbles in photography and music from time to time, and is also an avid eater and sleeper. She has gone cliff-diving, is terrible at pool, and loves *The Godfather*.

-Jacqueline Kha

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NEW INTERN: JAENNA WESSLING

Jaenna Wessling is a third year Earth System Science major at the University of California, Irvine. Jaenna grew up in a small beach community in San Diego. She has loved the beach and learning about the environment her entire life. She is interested in studying ecosystems, or oceanography. And she tries to work every day to minimize energy usage.



She is involved in a few clubs on campus including Earth System Science Club, Global Environmental Brigades, and the Clean Program. In these clubs she works to be involved in her community, try to make the Earth better with sustainable living strategies, and spread information about the Earth and the processes that occur within it to young students. She will be traveling to Panama this summer with Global Environmental Brigades to help and teach native villagers about sustainable living.

In her free time Jaenna enjoys several past times such as reading, sketching, painting, making jewelry, and nail design. She is artistic, creative, and hard-working. Jaenna hopes to apply these qualities to her position in the PowerSave team at UCI. After graduating from UCI, she plans to attend graduate school to receive her Master's degree or Ph.D.

–Jaenna Wessling

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NEW INTERN: CARMELISA MORALES



Carmelisa Morales is a third-year Urban Studies and History double major at UC Irvine. She was born and raised in San Francisco. Carmelisa has taken her interests and passions and joined communities catering to them. She is the Finance Vice President of Theta Psi, a co-ed professional sustainability at UCI and the Internal Vice President of Pilipino-Americans in Social Studies (PASS), a pre-professional Filipino organization on campus. Before her undergraduate career is complete, she plans on studying abroad in France.

Carmelisa enjoys graphic design, architecture, reading, painting, and coffee. She has interned and volunteered at museums and art centers in San Francisco and has done graphic design work for organizations in the UCI community. She also craves adventure and loves the outdoors. Ever since her family exposed her to the beautiful places outside of her hometown, she continues to travel every chance she gets. Her last abroad experience was during Spring Break 2013 through the UCI Global Sustainability and Cultural Immersion Program where she along with sixteen other students and staff members traveled to Costa Rica to learn about their sustainability and cultural practices, volunteer at a local sustainability farm, participate in a home stay with a local family, and conduct individual research projects. She praises this program and recognizes it as her best experience in college so far. Ever since this trip, she has continued to invest her time in learning more about and advocating for sustainability on campus and within her communities. She aspires to be an urban designer with an emphasis in sustainability and green design.

–*Carmelisa Morales*

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FALL QUARTER WRAP-UP



Fall quarter has come to a close, along with all the projects the PowerSave interns were working on! This past quarter, Brij and Janet finished off two successful competitions in the freshmen residential halls. Janet was in charge of the Water Battle in Middle Earth and could not be any happier with the results. The entire Middle Earth community was able to reduce their daily water usage by one percent!

This makes a big difference, with a total of over thirteen thousand gallons of water saved! The winning hall was able to individually reduce their water use by an outstanding sixteen percent. The halls did a fantastic job and hopefully it continues for many quarters more. Janet hopes there will be another Water Battle for the year of 2014. With a new group of interns, Janet is sure that the results will be even greater. The battle was a great opportunity to not only save water, but also interact with the UC Irvine community

-Janet Ortega

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