

THE GREEN INSIDER

Cal
Poly
Pomona

Sprinkler
Tour
with Dan
Hostetler

Stakeholder
Spotlight:
Dave Flores



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AN ALLIANCE
TO SAVE
ENERGY
PROGRAM



ALLIANCE TO
SAVE ENERGY
Creating and Designing Green Schools



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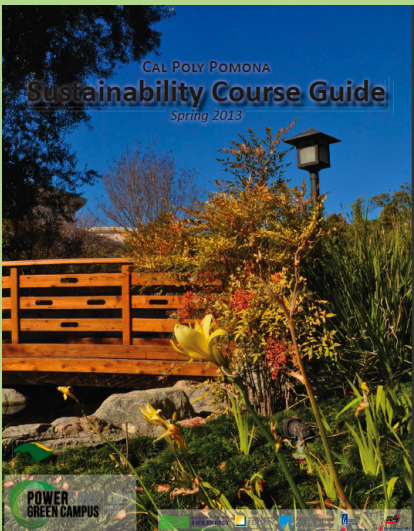
By Grace Jaen

This month, the PowerSave Campus team would like to turn the spotlight onto three year stakeholder Dave Flores, who has participated on a wide range of projects from Green Space to the 2010 Parking Lot Lighting Audit. Most recently, Mr. Flores took the cover photo for the spring sustainability course guide and generously offered to take group photos of the team! Mr. Flores also helped Scott Tsuji of the Athletics department to receive green certification in the Green Space program. On behalf of the CPP PowerSave Campus team, we would like to thank Mr. Flores for his continuous effort and support. Stakeholders are a critical aspect of the PowerSave Campus program and we could not be as successful as we are on campus without them.

SPRING SUSTAINABILITY COURSE GUIDE RELEASED!

By Grace Jaen

The PowerSave Campus is proud to announce the release of the newest edition of the sustainability course guide for the Spring 2013 quarter. The sustainability course guide is a compiled list of sustainable courses offered by Cal Poly Pomona for each particular quarter. The PowerSave Campus interns continue to publish the guide electronically as a way to stay green. You can find the course guide by going to CPP's PowerSave Campus website www.powersavecampuscpp.org and under the Resources tab click 'Course Guide.'



Rideshare's Sustainability Fair

By Brandon Sauer

On Thursday, January 17th, CPP's Rideshare Office organized a Sustainability Fair, in which our PowerSave interns were invited to participate. The event ran from 11am til 1pm and featured multiple groups supporting the rideshare community's efforts in sustainability, such as The Green Team and CPP's Cycling Club. Since the event was promoting alternative transportation options, naturally, the PowerSave interns brought our prized Bike Blender. We gave out so many smoothies throughout the event that we actually ran out of fruit supplies halfway through! Our thanks go out to The Green Team for helping us out with the purchasing of fruits and cups.

As you may or may not know, the Rideshare program on campus is put on through CPP's Parking and Transportation services and is headed by our beloved stakeholder, Dave Flores. The program is available to staff and students and costs nothing extra for registration. In order to park in the reserved carpool parking spots, one only needs to apply for a hanging pass, then arrive to school with two or more people in their vehicle and check in at the booth near Parking Lot C. We greatly encourage students to check out the Rideshare program and the many benefits that it offers both students and the environment.



Brandon with an excited volunteer to ride the infamous bike blender! Interns were able to share energy tips with students alongside The Green Team.



Sprinkler Awareness Program

By Sony Bui

Here are some updates on the Sprinkler Awareness Program. If you haven't heard, the PowerSave Campus team is currently working with Facilities Planning and Management's Landscape Irrigation Specialists in order to jumpstart an awareness program for sprinklers on campus. The program will solely focus on faulty and broken sprinklers that might occur on campus. The Irrigation Specialists are already on the job of keeping tab of these sprinkler issues on campus, but covering roughly 1,500 acres of land with hundreds of sprinklers on campus can be a major issue. That is where you come in; the PowerSave Campus interns ask you to be the extra eyes on campus to help monitor these small issues with sprinkler heads. But what is in it for you, you might ask yourself? Of course your work won't go unnoticed, the PowerSave Campus will be rewarding you for each broken sprinklers you report. More updates about this project will come soon, but for now, look forward to the Sprinkler Awareness Program!

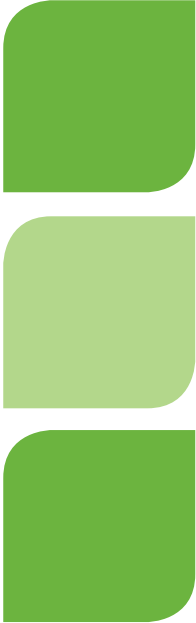
Want to learn more about the Sprinkler Awareness Program?
<http://www.powersavecampuscpp.org/sprinklerawareness.htm>

Retiring Intern: Crystal Huang

By Julia Hernandez

Though it's always sad to say farewell to a retiring intern, we know that former intern Crystal Huang will be leaving with knowledge, capability, and dedication. Starting the PowerSave Campus internship as a first year Architecture student at Cal Poly Pomona, Crystal has accomplished many feats in the last 2 years. Her accomplishments did not go unnoticed as she was not only a PowerSave Campus intern, but was also promoted to the positions of Treasurer and Team Manager. Crystal also led various successful projects such as Green Space, The Parking Lot Lighting Audit, and Campus Conservation Nationals (CCN) at Cal Poly Pomona.

Above all the accomplishments and work ethic that Crystal put into the internship itself, we would all like to wish her well in all future endeavors. We know that no matter what path Crystal takes in her future, she will be a successful and wonderful person. As stated in this well-known Irish blessing, "may the sun shine all day long, everything go right and nothing wrong. May those you love bring love back to you, and may all the wishes you wish come true!" Thank you for your hardwork, Crystal!



2013 POWERSAVE GREEN CAMPUS ENERGY EFFICIENCY SUMMIT

By Lynae Salgado

The interns are anxiously waiting for the 9th annual PowerSave Green Campus Energy Efficiency Summit! This year the summit will be taking place in sunny UC Los Angeles on February 9-11. The theme for this year is *Action! Energy Efficiency*. The summit is a great time for interns and stakeholders to collaborate and share ideas and methods for conserving energy. For many interns on the team, this will be their first time attending! The event is also a fantastic opportunity for interns to attend training sessions on project planning, presentations on best practices on past projects, and seminars for new technology in energy saving. Interns will also be able to network with professionals in the energy field. Nonetheless, the interns are expected to have a successful summit with many beneficial opportunities in their pathway

East Field Sprinkler Project

By Sony Bui

In addition to the Sprinkler Awareness Program, which focuses on on-campus sprinkler heads; the PowerSave Campus team is also working on agricultural sprinklers out in the fields of Cal Poly Pomona. The amount of water usage for these large fields is significantly demanding and can be time consuming for workers out in the field. This is where the East Field Sprinkler Project comes into play. Dan Hostetler, a professor from the Department of Agriculture, has agreed to help start a small sprinkler project by upgrading the current system of watering in the East Field. With the combined efforts of the engineering club, Engineers Without Borders, and the PowerSave Campus team, the project is set to start near the end of February.



POWERSAVE CAMPUS BY THE NUMBERS - FEBRUARY 2013

	QUANTITY	WATER	CO2 EMISSIONS	\$\$\$	ENERGY
ENERGY SAVINGS					
Actual - Horse Stables Project			4,200lbs	\$620	6,200kWh
Potential - Horse Stables Project			2,000lbs	\$300	3,000kWh
Potential - Sustainability Pledge	12	23,000gal	3,200lbs	\$500	2,800kWh
OUTREACH					
Energy Hog Events	1		450		
People by Tabling Events	12	Staff Involvement	3		
WORKFORCE					
Events		Students			

NOTES: *Comprises potential, projected savings for this month because these savings were acquired over this past month

Registrar's Office

By Sony Bui

With the introduction of a new year, so comes a new way of going green! Following closely behind the Enrollment and Orientation Offices is the Registrar's Office led by Marquita Monarrez in accomplishing Green Space Certification! The PowerSave Campus interns would like to congratulate Marquita and her office in becoming certified. Marquita and her office went through the Green Space process by utilizing multiple ways of saving paper. By providing well displayed recycling bins next to each individual office printer and cubicle, the office can easily develop a habit of reusing and recycling papers. When it comes to saving paper, energy, or even water, a good way to make it easy is to remember to make it a routine habit! Again, congratulations to Marquita and her office for accomplishing certification and their outstanding work ethic in leading to higher sustainability!

Department of Admissions

By Lynae Salgado

Green delegate for Department of Admissions, Gretchen Anderson, did an outstanding job completing the Green Space Certification Program. The team would like to congratulate her and the Department of Admissions for reaching a Silver certification. With a large office of 30 employees, Gretchen mentioned how everyone has a sensor that turns off their monitor when it hasn't been used for a certain amount of time. Also, being the Department of Admissions, we expected that a lot of papers would be going through the office; however, Gretchen explained that most schools are now able to send their transcripts electronically rather than by mail. She also stated that they now encourage the behavior of students who send test scores electronically as well. These practices certainly earned Gretchen and her office a few innovation points. We hope to work with Gretchen again soon to help her reach a Green certification- and soon after, Platinum!

Student Affairs Information & Technology Services (SAITS)

By Brandon Sauer

Our past intern, Crystal Huang, was responsible for walking the Student Affairs Information & Technology Services (SAITS) office through the Green Space Certification. The SAITS office consists of twenty employees and they were able to earn Bronze certification through our program. As a team, we would like to congratulate Larissa and everyone in her office for the effort put forth to make Cal Poly Pomona a greener campus. We look forward to hopefully working with Larissa and the SAITS office soon to work up to a Green, or even a Platinum Certification level.

Counseling and Psychological Services (CAPS)

By Grace Jaen

As the green delegate for Counseling and Psychological Services (CAPS), Silvia Valadez worked extremely hard for her department to ensure they reached Green certification. In fact, she even worked with former green delegate and active stakeholder member for our PowerSave team, Dawn Finley, of the Career Center to accomplish her goal. Not only does CAPS use natural light instead of light bulbs and utilize on campus recycling whenever they can, but they also are in the process of going completely paperless! Congratulations to Ms. Valadez and the CAPS office for their outstanding efforts and becoming GREEN certified.

Interested about the Green Space Program? You can learn more about it at our website at <http://www.powersavecampuscpp.org/greenspace.htm> or send us an email at greencampus.cpp@gmail.com if you have any questions.



A POWERSAVE RECYCLED ARTICLE

This month, we will begin a new portion of our newsletter in which we look to our brother and sister campuses in the PowerSave program and recycle one of their newsletter articles into our own. This month's article comes from Cal Poly SLO's PowerSave Green Campus Program. Written by Intern Ellen Chambers, the article discusses the current debate for Nuclear Energy. Enjoy!

"Fossil fuels and a need for more renewable sources are extremely controversial topics within the sustainable community. Nuclear energy is considered a front-runner for solving this problem, but there is much debate over whether the risk of a nuclear accident is greater than a global warming disaster. Described below is a TED video where Mark Jacobson and Stewart Brand debate the pros and cons of using nuclear energy. Stewart Brand is a writer who has helped to define the collaborative, data-sharing, forward-thinking world we live in now. His view was in favor of using nuclear power plants as our main source of energy. His main argument compares a personal lifetime where energy created by nuclear power would be create enough waste to fill a soda can while one day's worth of coal creates 19,000 tons of CO₂ entering our atmosphere. He encourages nations to recycle their old nuclear weapons into power generators. Mark Jacobson, a professor at Stanford, disagrees with Mr. Brand and disagrees with nuclear construction. He argues that there are other forms of renewable energy that can handle our need, and they are less dangerous than nuclear plants. His solution is a combination of wind, geothermal, and solar farms to produce energy. He argues that each form has seasonal variances, but together they can balance each other out to create a reliable source of energy. Both of these men have sharp and insightful reasoning that left me reevaluating some long held beliefs concerning nuclear energy. This debate is long from over, so I encourage readers to view the video at http://www.ted.com/talks/debate_does_the_world_need_nuclear_energy.html. "

-Ellen Chambers

And here is the link to this article and more in the full Newsletter presented by Cal Poly SLO for the month of January:
http://issuu.com/powersavecampus/docs/slo_january_2013



Using nuclear energy could be beneficial for the environment, yet it comes with the risk of disasters and meltdowns.

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