

Green Pastures

CAL POLY POMONA



Green Campus Interns Gear Up for the Coming Year

GCP team looking to hire team member/intern this Fall



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What is the Green Campus Program?

The Alliance to Save Energy's Green Campus Program empowers college students to be tomorrow's energy efficiency leaders. Currently on 16 universities and colleges and employing over 75 interns each year, the program engages students in building pathways to green careers, realizing measurable energy savings, infusing energy and energy efficiency concepts into academic curricula, and promoting energy efficiency awareness. Green Campus interns work closely with faculty, staff, administrators, and other students to engage them in energy efficiency projects.

For more information please visit our website:

www.GreenCampusCPP.org

For general inquiries contact us at:

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Fall Preview

Like all good things, you really want to take a little peek to know what is coming down the pike. Here is a peek into some of the items on our agenda for the Fall quarter:

- Tabling Events with the Bike Smoothie Machine
- Academic Infusion: Expect to see us lecture in classrooms
- Facebook Interactive Energy Competition
- Sustainability Kiosk co-sponsored with the Green Team
- Recruitment for new Landscape Architect students for xeriscaping plans

On the Cover

Green Campus interns group up for a picture for the End of Year Conference. This Fall, the CPP Green Campus team is looking to hire, it could be you!

Right

Cups of bike-powered smoothies are ready to be tasted by Earth Week participants. At Bronco Fusion 2011, interns will once again be hosting a table with the bike blender.



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ALLIANCE TO
SAVE ENERGY

Creating an Energy-Efficient World



The Alliance to Save Energy's Green Campus Program is funded by the ratepayers of California under the auspices of SCE, SDGE, PG&E, and Sempra Energy.



Green Space Revamped!

Your favorite on-campus office certification program has just been revised! The Green Space website now features a more accessible and user-friendly description of the process. In addition, Green Space supporting documents such as the online quiz and checklist has been updated as well. Participating offices are now able to earn an extra point by installing smart strips. Now is a greater time than ever to get your office "green" certified. Please visit our website to apply and for further details: www.greencampuscpp.org/greenspace.htm

Spotlight on Energy Services: Certified Green Space Office

By Crystal Huang

With the Green Space process newly revised, we hope for many new applicants to the program to bring our campus one step closer to energy efficiency. For all these new applicants, this spotlight on our only Green Certified office – the Energy Services Unit – should serve as a source of inspiration and motivation. The Energy Services Unit began their application in the spring of 2011. A great factor in their success with the program was their Green Delegate, Brandon Ro who worked closely with the Green Campus interns throughout the process. By keeping the interns updated on the office's progress, they were able to have their questions answered and get quick feedback on their application. An active Green Delegate really helped the office have an easier time with the process by keeping in contact with the interns. Another crucial part of their green certification was taking advantage of the "innovation points" section of the checklist. Innovation points rewards the office for innovative ideas that save energy/water that is not covered on the checklist. The Energy Services Unit were able to score extra points by

starting a water club to reduce the amount of plastic bottles used in the office. This inventive idea brought the office one step closer to getting a Green Certification. So, if your office is a new applicant, or struggling to reach that "Green" status, hopefully these steps that the Energy Services Unit has taken can give you some ideas for getting your office the highest certification. Good luck to all Green Space applicants, and we look forward to helping your office towards sustainability!



Photo above left: The team gathers with Energy Services staff George Lwin and Rani Khushalani for a group picture at the Spring Stakeholder meeting, where they were awarded a "Green" certification.

Green Campus By the Numbers - August 2011

EVENT	ENERGY	WATER	CO2 EMISSIONS	\$\$\$
Sustainability Pledge*	737 kWh	7,665 gallons	1,526 lbs	\$160.42
PLOS/iPan Smart Strips**	154,500 kWh	n/a	235,894 lbs	\$41,200

NOTES: *Comprises potential, projected savings for 1 year. **Comprises of actual savings for 1 year.

Intern Participates in Year-Long Research/Scholarship Program

By Krisha J. Hernandez-Pruhs

In the fall of 2010, Green Campus Program intern, Krisha Hernandez-Pruhs, was selected to participate in the Cal Poly Pomona Ronald E. McNair Scholar program for the term of 2010-2011. The research intensive McNair Scholar requires graduate level research to be conducted. The program requirements range from a research proposal, to approval by the Institutional Review Board process, submission of a complete research paper and a presentation of such research at two symposiums: the Cal Poly Pomona Ronald E. McNair Summer Symposium and the Ronald E. McNair Scholars Conference at University of California, Berkeley. Below, Hernandez-Pruhs reflects on her experience as a McNair Scholar, the summer programs, as well as an overview of her research.

Only looking back now after having fulfilled the requirements of the McNair Scholar Program, do I fully understand what was meant by "research intensive." Seven months of research aside from normal home and school life, plus weekly workshops, living on campus with your fellow scholars during the summer, and mentoring the summer Bridge students was no small feat. The program culminated into two presentations- one on our home campus and one at UC Berkeley. The Cal Poly Pomona McNair program also honored all of those who completed the program with a banquet and an award in the form of a bronze medal; McNair scholars are able to obtain their silver and gold medals as they obtain their master's and doctorate degrees, respectively. The academic progress of each Scholar is tracked for a period of ten years following graduation.



It was at the two symposiums that I was able to present my research and findings on Women Leaders as Environmental Activists Paving the Road Toward Food Sovereignty: A Convergence in Cities Across America. The research paper presented conventional agriculture as a direct link to environmental degradation, and also how it adversely affects society's health and social issues. Through my research I supported the argument that women and their

children are the ones to most likely be marginalized in the process of a food crisis as is occurring today. The detrimental effects of conventional agriculture thereby make women who are successful in alternative agricultural systems in urban spaces, that much more remarkable. By researching the backgrounds of four women who are/were pioneers in environmentalism and food sovereignty (Rachel Carson, Wangari Maathai, Vandana Siva, and Winona LaDuke) and comparing them against four women who are emerging leaders in food sovereignty in locales across America, I was able to identify their commonalities; they all had completed higher levels of education, they all focused on one specific cause to start, all of the women networked with other women, and they all began their movements at a grassroots level.

At the Cal Poly Pomona symposium, I presented my work along with the other scholars majoring in anthropology, which was held in a conference room at Kellogg West; simultaneously, the other scholars who were also grouped by major presented in adjacent rooms. It was an honor to be able to present my research to my peers, family and friends, and of course to the anthropology department faculty who were present – especially my McNair mentor, Dr. Dorothy Wills. As for the UC Berkeley conference, it was much more than scholars simply presenting their research. There was opportunities to tour UC Berkeley campus and to see the sights of the bay area including a visit to Stanford University with my fellow Cal Poly Pomona scholars. Further, being able to see the anthropology departments at both campuses and meeting some of the graduate students was highly inspirational. Having recruiters from top anthropology graduate programs watch my presentation was humbling, and learning from my fellow scholars and their research was a privilege.

As a student whose goal is to obtain a doctorate degree, I thoroughly benefited from this experience. Since the programs' conclusion, I feel that I have a much better understanding of some of the expectations that graduate school will require of me. I am thankful for having made deep friendships with such amazing students over this past year's life changing process. I look forward to continuing my research in environmental anthropological topics as I plan to continue my research this fall as a six month McNair scholar, where I hope to discover more about the female leaders' motivations to work in food sovereignty. In this phase of my research, I aim to begin my fieldwork with one of the emerging women leaders who is located in the greater Los Angeles area.

Cal Poly Pomona Offices Adopt PLOS!

By Cynthia Joe

Changes are happening across Cal Poly in faculty and staff offices...the Plug Load Occupancy Sensors (PLOS) have arrived from Southern California Edison and are installed in 1,030 work spaces! The PLOS is a power strip that automatically powers down devices when individuals are out of the work space. To make this possible, the strips are outfitted with an infrared occupancy sensor which detects motion. When the office is unoccupied for 30 minutes, the Power Strip shuts off power to selected outlets - leaving power only to crucial devices such as a computer/laptop to prevent loss of information. When the individual re-enters the work space, power is restored. Made available through the California Energy Efficiency Program with funding provided by the California Public Utilities Commission, Energy Services Manager George Lwin coordinated the delivery and installation of 1,030 units. CPP Green Campus joins 10 other Green Campuses in participating in this unique program. Interns assisted Mr. Lwin in guiding installers across campus from the Swine Unit to the Engineering Building. The PLOS can save an average of 150 kWh per unit or \$40 energy costs

Set Up Power Strip and Motion Sensor



Plug Power Strip into a grounded outlet.



Place the Sensor in a location that will allow it to detect motion in the workspace.



100° coverage, up to 300 square feet.

Connect Devices



ALWAYS ON outlet

Use this outlet for a device that needs to have continuous power (such as a CPU or laptop).



MASTER outlet and four ENERGY SAVER outlets

Use these outlets for devices that can be powered off when not in use (such as monitors, printers, scanners, desk lamps, fans, speakers, etc.).

Note: Before plugging devices into the MASTER or ENERGY SAVER outlets, plug the power strip into a grounded outlet and wait until the "MASTER" light illuminates, signaling that the device is ready (can take up to 60 seconds).



Note: Do not plug in any device that is used for scheduled recording or backup into the MASTER or ENERGY SAVER outlets.

per year. With 1,030 strips, that's an estimated cost savings of \$41,200 a year! As for kilowatts, an estimated 154,500 can be saved, which is the equivalent of 107 metric tons of CO2 or taking 21 vehicles off the road for an entire year! If your office has the PLOS installed, feel free to peruse the diagram above as a guide for plugging in your electronic devices. For an online video guide, please visit Green Campus Santa Barbara's YouTube link: www.youtube.com/watch?v=lpZmCb5keFM

GREEN CAMPUS WANTS YOU!

Do you consider yourself an environmentalist or are someone who wants to learn real ways to reduce our ecological impacts? Do you possess strong communication and writing skills? Do you enjoy working with people? Look no further! The Green Campus Program is looking for a new team member! We are currently hiring for the position of Project Coordinator/Intern. It is a paid position and is flexible with your school schedule. If you or someone you know are interested in learning more about the position, contact us at: greencampus.cpp@gmail.com and keep your eyes peeled for job announcements on campus!

MAKE YOUR OWN SMOOTHIE AT BRONCO FUSION!

Come join the Cal Poly Pomona Green Campus Program at the annual Bronco Fusion Resource Fair! On Wednesday, September 21st from 11:30 am - 1:00 pm, interns will be handing out free smoothies made by you! Yes, that's right, you'll be powering your own blender on a bicycle for a refreshing beverage. Hope to see you there!

Contact Us!

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