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September 2014 Newsletter

Issue #90

The Latest in Office Makeovers

By Rachael Londer

Achieving a sustainable campus at Humboldt State University is a goal of the students and faculty alike. Professors, administrators, and staff have a large presence on campus and utilize the University's facilities as much as the students, consuming energy throughout the workday. However, reducing energy consumption to create and maintain a sustainable workplace can be a challenge for faculty members due to lack of resources, purchasing power, and/or authority to implement changes in their department's buildings. To overcome these barriers and promote collaboration between students and faculty working towards sustainability, the PowerSave Campus team requested funding from the Humboldt Energy Independence Fund (HEIF) last fall to enhance the Green Workplace Assessment and Certification Program (GWACP).

Our team was awarded \$7,440.86 to purchase and install light emitting diode lamps (LEDs), auto-switching power strips, and socket timers. Each of these three tools offer kWh savings, while improving the comfort of office spaces. In fact, the implementation of these tools will save the University an estimated \$66,353.76 and 442,359 kWh over the lifetime of the project, paying for itself in only four years! We are excited to get started this semester with the installation of these tools during our energy audits. If your office has outdated technologies, no need to fear, LED's are here!

Contact PowerSave Campus today for a personalized energy assessment!



Stop the Flow, Conserve H2O

By Jenna Bader

If you've washed your hands in a campus bathroom lately, you might have noticed our new "Stop the Flow, Conserve H2O" stickers! Thanks to the help of Tracy Ferdolage and TallChief Comet in Facilities Management, the HSU PowerSave Campus team received the go-ahead to roll out our water conservation stickers campus-wide last semester! So, over the summer, our team of dedicated Project Coordinators worked hard sticking these water conservation reminders on soap dispensers building by building to have them ready for the start of the Fall 2014 semester. The stickers will remind all users at the sinks that water is a precious resource that we cannot afford to waste.

In spring 2013, the PowerSave Campus team pitched the water conservation sticker idea to Jenn Tarlton's Environmental Graphics class as a collaborative Agency Project. HSU students Gena Wood, Roger Tuan and Hannah Johnston designed the sticker with the intention of prompting users to conserve water at the sink.

So next time you wash your hands in a campus bathroom, remember to turn the faucet off, read our reminder, and don't drain our resources!



Has your behavior changed at the faucets due to these stickers?
WE WANT TO KNOW!

Email us at
POWERSAVEHSU@GMAIL.COM
Every response will be entered to
Win a \$25 Wildberries gift card!

DID YOU KNOW...

Americans on average use about 100 gallons of water every day, 17% of that number is used at the faucet. To put this number in perspective, the average person living in Mali uses only 3 gallons of water in a day. By conserving water, you are taking a step toward water security for us all!

Water Saving Tips:

1. Keep the shower under 5 minutes. Interested in a shower timer? We got you!
2. Soap on? Water off! Even when washing your dishes. Invest in a dish squeegee!
3. Turn the water off when brushing your teeth and washing your hands.
4. Wash only full loads of laundry, and don't be afraid to wear those jeans a couple of times before declaring them dirty.
5. Got a leak? Report it! On Campus, call Facilities Management at 707-826-4475

WHERE DOES IT GO?



Source: American Water Works Association Research Foundation, "Residential End Users of Water," 1999

Itchin' for more? Further your knowledge on how to help secure water for us all by viewing these awesome films:

- **BLUE GOLD: WORLD WATER WARS**
- **FLOW**

Making Our Place In Space

By John Lococo

Over summer break I took-on an internship with the Redwood Coast Energy Authority (RCEA), where I helped local businesses make energy efficiency improvements. My position operated within the Energy Watch partnership between RCEA and PG&E, which aims to assist rate-payers lower their utility bill by implementing small-scale, energy-efficient technologies. Specifically, my duties primarily included the canvassing of local businesses to increase program participation and the installation of LED lamps in place of less efficient lamp types. Over the course of two months I screwed-in hundreds of LED lamps throughout the Humboldt Bay region, which will lead to thousands of dollars in energy savings.

Beyond the attractive energy-saving metrics though, there were personally meaningful outcomes to fulfilling the internship with RCEA. I became familiar with the structure of the Energy Watch partnership and the unique niche that it fills within the larger energy market. I learned the ropes of salesmanship and technical assistance for a developing technology, which I intend to continue improving upon throughout my career. And, the internship gave me the opportunity to refine my professional skills and increase personal productivity.

The same should be said about my internship with PowerSave Campus. My teammates and I are now developing skills that we will continue to improve upon throughout our careers. This internship levels the foundation for our future success, like the launchpad to a spacecraft. And speaking of spacecrafts, we are all on one travelling around the sun, together.

Becoming A Familiar Face

By Delia Bense-Kang

Fall 2014 semester has arrived, and the Humboldt PowerSave team has lots of new and returning projects to look forward to! This year one of our goals is to gain more recognition for our work on campus and to become a useful resource for students to gain experience and knowledge in the world of energy and water efficiency. We have several new and continuing projects to achieve this, including the Green Speed Networking event, Green Workplace Assessment and Certification Program (GWACP), Green Campus Club, and the Sustainability Coalition.

The Green Speed Networking event is coming back by popular demand! Last fall we modeled a networking event after “speed dating” to give students an opportunity to meet and talk with local professionals from the community and University. The event had a turnout of about 35 students and 15 professionals and was considered a great success. This year we hope to improve upon those numbers and continue to give students the opportunity to better the relationship between students and professionals.

The Green Workplace Assessment and Certification Program aims to raise awareness about sustainable energy and water practices that can be used in office spaces, and we work with faculty and staff to implement them. The program allows offices to achieve four levels of “Green Workplace Certification” and is a great way to share the message of our program across campus.

The Green Campus Club will also be continuing this year! It was started last spring and allows for any student to attend bi-weekly meetings facilitated by PowerSave members. The meetings educate students about energy and water efficiency in a hands-on manner and encourage them to come up with new project ideas or to get involved with existing PowerSave projects on campus.

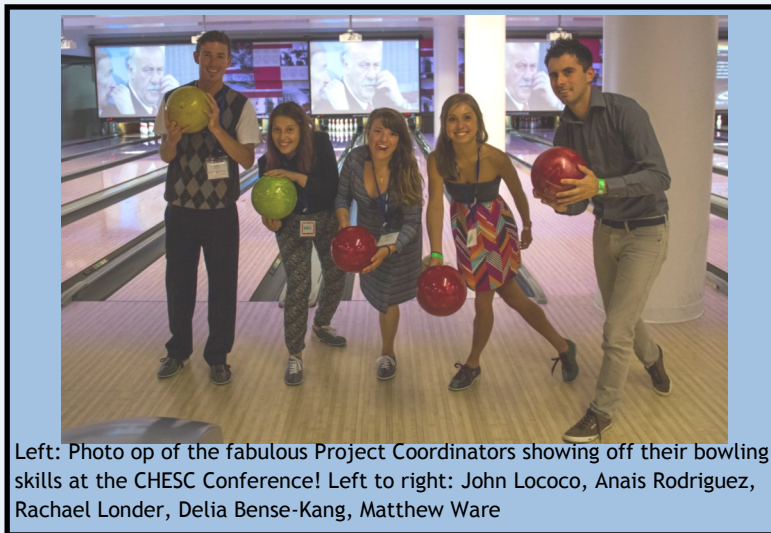
The Sustainability Coalition is still going strong as a collaboration of PowerSave Campus, WRRAP, CCAT, ResLife, and any students interested in improving campus sustainability! The Coalition is very exciting in that it allows groups to combine efforts and use our different areas of focus to create larger projects and share information and ideas!

We are always looking to become a more accessible and useful resource for students and professionals on campus and in the community. This year is no exception, and we are all very excited to get to work!

CHESC Shenani-gains By Matthew Ware

Picture this: There are hundreds of students, professors, and professionals coming together for one thing; The benefit of our Planet! That's right! Earlier this summer, I had the opportunity to attend my first California Higher Education Sustainability Conference. There were individuals from all over California and neighboring states giving talks or presentations on how we can make positive changes to our campuses and workplaces to be able to reduce our carbon footprints.

The PowerSave Campus program held multiple presentations where current Project Coordinators discussed recent projects. The PowerSave Campus student intern presentations ranged from greening sporting events and cold water wash campaigns to previous PowerSavers discussing food industry energy audits. Another presentation that PowerSave hosted was multiple professionals in "green" or sustainable fields came to give all of us advice and insight on how to be successful in the workforce. This was by far one of my favorite presentations because they not only gave all of us tips on the interviewing process and careers to look into, but also insight on how they came to be so successful in the field!



Left: Photo op of the fabulous Project Coordinators showing off their bowling skills at the CHESC Conference! Left to right: John Lococo, Anais Rodriguez, Rachael Londer, Delia Bense-Kang, Matthew Ware

PowerSave Campus Admin hosted an award ceremony for best practices within the Program, in which Humboldt State took home best practice for our metric calculations. So a big congratulations to our Project Coordinator Jenna Bader on that one!

Intern-spect

by Monique Gil

As part of the Environmental Management and Protection Major, students are required to do an internship. For my internship, I chose to work as a for-credit intern with PowerSave Campus which has immensely impacted my experience at Humboldt State University. The PowerSave Campus team taught me ways to personally conserve energy and water, but more importantly, PowerSave has given me the resources to reach out and help other students and community members be more energy and water efficient as well. Last semester was filled with tabling events on campus, community outreach at breweries, attending conferences and meetings with PowerSavers from all over Cali, and collaborations with other student-groups to develop projects. This semester I will be teaming up with Jenna Bader to give the new batch of for-credit interns a meaningful PowerSave experience. This semester's for-credit interns will have weekly workshops that discuss topics such as home energy audits, green workforce training, behavior change models, and hands-on activities that give insight to the paid-intern position. If you are interested in becoming involved with PowerSave this semester, then join the Green Campus Club, apply to volunteer, visit us while we table in the quad, or sign up for our mailing list!

Looking forward to seeing you soon!

The Redwood Coast Energy Authority invites you to participate in a No-Cost Energy Efficiency Assessment!

All renters and homeowners in Humboldt County who are Pacific Gas and Electric Company customers are eligible. Reduce your energy use, save money, and improve the comfort of your home by scheduling an in-home appointment with one of our Energy Technicians. We can assess: lighting, water heating, appliances, building envelope, and heating systems. You may be eligible for no-cost and reduced-cost upgrades including: LED light bulbs, compact fluorescent lamps, low-flow faucet aerators, and low-flow showerheads. Contact us today!

Redwood Coast Energy Authority
633 3rd Street
Eureka, CA 95501
Phone: 707-269-1700
E-mail: info@redwoodenergy.org



Picture of the Month



ABOVE: John Lococo, Matthew Ware, and former PowerSaver Anais Rodriguez Looking fierce at the California Higher Education Sustainability Conference

Contact the Project Coordinators

John Lococo
Team Manager

Jml118@humboldt.edu

Rachael Londer
Public Relations

Rcl45@humboldt.edu

Jenna Bader
Metrics

jbader@humboldt.edu

Delia Bense-Kang
Treasurer

Dede1bk@gmail.com

Matthew Ware
mlw341@humboldt.edu

Contact the For-credit Interns

Monique Gil
mig58@humboldt.edu

Contact HSU PowerSave Campus

Website: PowerSaveHSU.com

Email: powersaveHSU@gmail.com

facebook.com/HSUpowersave // Instagram: "powersavehsu"

Stakeholder of the Month



ABOVE: Lulu Sungoddess Bader enjoying the sun at the end of the semester PowerSave Campus fiesta, Spring 2014

AUGUST METRICS

2,081

Website Hits

131

Direct Interactions

Tune in, Turn off, and Drop by the GREEN CAMPUS CLUB biweekly meetings in Nelson Hall East 113 @ 1:00PM

Thurs. Sept. 11

Thurs. Sept. 25

Thurs. Oct. 9



"The Alliance to Save Energy's PowerSave Campus Program is funded by the ratepayers of California under the auspices of SCE, PG&E, and Southern California Gas Company"