

PowerSave Green Campus Newsletter



Humboldt State University

Issue #72, July 2012

This Month's Headlines:

Feature:

Page 2

Intern with PowerSave
Green Campus

Page 3

Two Project Coordinators
present at CHESC 2012

Page 4

Guide to saving energy in
your home

"Green Campus" Changes Its Name

By: Brietta Linney

This summer, the program changed its name to **PowerSave Green Campus**, but this was only a name change. We are still the same team helping to make HSU more energy efficient and spreading awareness about behavior changes that save water, energy, and money! In the August newsletter, we will have more updates about the name change, with information about our new website, Facebook Group, and email address. We have a new logo and tabling supplies so look for us out on the quad during the first week of school.

Hope you are enjoying the summer. We look forward to the 2012-2013 school year!

Best,

The PowerSave Green Campus Team

**ADRIENNE SPITZER, BRIETTA LINNEY, JENNA BADER, AND
MAX TANTI**



Visit our [website](#)

Contact us at: GreenCampusHSU@gmail.com

Looking for an Internship?

By: Adrienne Spitzer

The Green Campus Program (GCP) is seeking motivated and skilled students to intern for academic credit this fall semester! Interns receive two units of academic credit and are a very important part of the GC team. Specifically, the GCP is looking for a student with excellent graphic design skills, outreach experience, and knowledge of social media to be our Media and Outreach Intern. This student will be responsible for designing outreach materials such as fliers, newspaper articles, educational signage, and the upkeep of the GCP Facebook page. The GCP needs to revamp our media campaigns with creative and recognizable fliers that will inspire the campus community to participate in GC events and programs! If you or someone you know meets this skill set please apply now by sending your resume and a letter of intent to the GCP. The GCP is also looking for well-rounded, self-starters who can work with a team and independently to complete projects and assist with all GC programs and events. Unfortunately one of the GCP's veteran Project Coordinators will be leaving in December and two Project Coordinators will also be leaving next May. This means that the GCP needs to find interns that are willing to work for academic credit for a semester and have the chance to become paid Project Coordinators!

*Send your resume and letter of intent early to be considered for these for-credit internships! **Send these documents to greencampushsu@gmail.com by August 22nd.** The GCP will be holding interviews during the second week of the fall semester.

Post-CHESC Conference Opportunity for Students

By: Jenna Bader

The EDC DesignShift Design Charrette was held in UC Davis following the California Higher Education Sustainability Conference (CHESC). The Design Charrette is an interactive workshop funded by Southern California Edison with a goal of teaching the future generation how to collaborate and "bridge the independent silos in the building industry". The two-day workshop was an intense competition where teams focused on integrated design to create a zero-net energy building in Gardena, CA using various methods and tools taught along the way. Students were split into teams of 5 and designated a specific role (architect, landscape architect, MEP engineer, owner, contractor) within their group. The requirements for the competition were to provide all design requirements on boards (including a mind map, site plan, floor plans, elevations, and cross-sections labeled to show the sustainability strategies) and technical requirements through a PowerPoint presentation (including evidence for our design decisions from the online tools) to present each team's design to the audience and the 5 judges who decided the winner. There were quite a few free online tools that were used during the competition, which were necessary resources to determine the climate, possible renewable resources, wind and sun patterns, etc. for the location assigned during the competition.

Some tools included:

1. Climate Consultant: <http://www.energy-design-tools.aud.ucla.edu/> (NOTE: Scroll down mid-page)
2. Athena with LA low and mid rise: <http://www.athenasmi.org/our-software-data/ecocalculator/> (NOTE: click "Get the Software" → "Get Commercial Assemblies")
3. NREL MapSearch (beta): <http://www.nrel.gov/gis/mapsearch/>

Email me at jl272@humboldt.edu if you would like more information about the online tools.

2012 California Higher Education Conference

July 18th—22nd

University of California, Davis

By: Brietta Linney

Humboldt State PowerSave Green Campus team members Jenna Bader, Adrienne Spitzer and Brietta Linney joined representatives of other higher education institutions in Davis for this year's California Higher Education for Sustainability Conference. Brietta and Adrienne had the honor of presenting HSU's PowerSave Green Campus water awareness campaign at HSU. The audience learned about the basics of organizing a successful education campaign on a college campus.

Water Awareness month at HSU was able to reach 1,000 students in 2011 and 2012. Adrienne and Brietta shared their lessons learned and some of the key aspects of the water awareness campaign. In addition, the PowerSave Green Campus team collaborated with over ten different local organizations. This brought a variety of people to the event and increased overall outreach to students groups on campus. During the presentation, they discussed the team's water photo contest, and shared some of the lessons learned from the past two years.

The contest aimed to encourage people to value natural water features and the winning photos demonstrated the beauty and value to water. The top ten winning pictures can be seen on the [PowerSave Green Campus website](#).

The conference also provided the opportunity for the team to learn about other sustainability accomplishments at various universities. A few of the sessions the Project Coordinators attended were Best Practices in Energy and Water Efficiency, Creative Composting, and a Green Career Panel which was hosted by the Alliance to Save Energy. We hope to implement some of the information from the conference this year. Some highlights included a presentation by Humboldt's Sustainability Office about their composting efforts on campus, and the Best Practice award that they won. Also, the panelists on the Green Job panel shared some valuable knowledge with the audience about how to successfully land a job in the green economy sector.

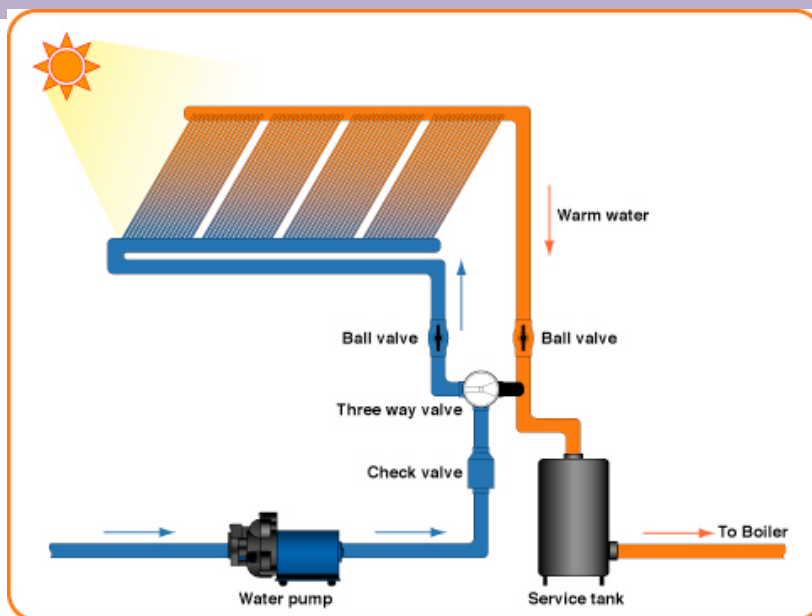


Photos above: Adrienne Spitzer and Brietta Linney present at CHESC 2012 in Davis, CA

A Short Guide to: Saving Energy in your Home

By: Max Tanti

Recently I have been reading through *The Carbon Buster's Home Energy Handbook* for additional home energy saving tips and I thought I would share a few with everyone. Some of these tips may be a bit more relevant to homeowners or those who are living in a house for the long term. However, they may inspire future changes for college students to lower their electricity bills and reduce their carbon impacts on the planet. Just a quick note: all the dollar savings I mention are for a five-year period. Natural gas stoves and washers that heat water by using gas are more efficient than their electric equivalents. Investing in these will save money and reduce carbon emissions (look for the front loading washers—they typically use natural gas). Paying someone to seal air leaks in your house can save \$833. Also, adding cellulose insulation to an attic and installing shrink foil window kits on all windows can save over \$400 dollars each! Water is very resistant to changes in temperature, so it takes quite a lot of energy to heat it. Using the warm/cold setting on the washer instead of the hot/hot setting can save \$74.



*How does
a thermal
solar collector
work??*

Speaking of hot water, why not use the sun's abundant energy? Installing a thermal solar collector to heat your water can save an impressive \$1,216! The vast majority of our home energy use comes from space heating and appliances, so any changes to these will have the greatest impact. Whenever possible reduce your heating. It is easy to mindlessly leave the heat on during the day when no one is home. Instead, try to be more aware of heating. Save yourself some money and only turn the heat on when you feel cold. Lastly, it is good to stay in the habit of unplugging your devices and turning off your powerstrips when they are not in use. All of these changes may seem overwhelming, but there is no pressure to be perfect. Simply pick one energy conservation tip you feel you can apply and try it out. A small effort will always be infinitely better than none at all.



Metrics for July

500 people receive our newsletter

35 people attended the HSU PSGC's presentation at CHESC 2012



Thanks to our Spring 2012 Intern, Elisabeth de Jong, the top photos from the Water Photo Contest can now be seen at Arcata Pizza Deli through the month of July!

Meet the Project Coordinators!

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

Contact HSU PowerSave Green Campus!

"Humboldt State Green Campus"



Visit our website:
HSUGreenCampus.com
SIGN the sustainability Pledge:
tinyurl.com/GC-Pledge

