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Sarah (far right) poses with CAHSS staff.



GCP Auditors with University Advancement Staff.



GCP Auditors with Career Center Staff.

GREEN INVASION!
GCP ENERGY AUDITORS SWEEP ACADEMIC & ADMINISTRATIVE OFFICES FOR SAVINGS

BY: SARAH SCHNEIDER

Over the fall 2008 semester, the Green Campus Office Energy Assessment Team successfully completed energy audits of the College of Arts, Humanities and Social Sciences, University Advancement, the HSU Career Center and the English Department's Writing Lab. Audits were conducted by Office Energy Audit project lead, Sarah Schneider, energy audit interns Max Tanti and Mitchell Brown, and a group of volunteers from the Environmental Resources Engineering department. Each of the four audits adhered to a multi-phase process that began with an initial walk-through of the office(s), followed by the collection of watt measurements for all electrical devices, data analysis using Excel spreadsheets, and the presentation of reports containing our findings and recommendations. Based upon these

findings and recommendations, Green Campus projects that the offices will annually save a combined total of approximately **\$5000, 42,200 kilowatt-hours (kWh), and 34,000 pounds of carbon dioxide (CO₂) emissions.**

The audit campaign at HSU has been evolving over the past four years. This semester we took a different approach by hiring two student interns and employing the help of a group of enthusiastic student volunteers. We also incorporated an additional walk-

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GREEN FIGURES

Green Outreach:

GCP is looking forward to working closely with Lou Sherry, the Housing Energy Management Intern, on Residence Hall Efficiency projects.

Green Savings:

So far, GCP has given away 208 CFLs over the fall semester which is estimated to save **31,400 kWh** and **\$3,500** annually.

Combined with the semester's office audits, GCP has helped HSU and members of the campus community save an estimated **74,000 kWh** **\$8,500** each year.

Green Futures:

- 2009 All GCP Mid-Year Meeting
- Energy Auditing Workshop Feb. 5 & 7, 2009
- Office Energy Auditing



GCP's ENVS 480 Class – Spring 2008.

GREEN CAMPUS 101: GCP'S SPRING 2009 CLASSES

BY: JAMILA GHOUL

The GCP is proud to be continuing our outreach and education efforts into the Spring semester of 2009.

These two elements are crucial to Green Campus and we are always seeking new and innovative ways to educate and engage the campus community.

Instead of offering a semester-long internship class, next semester we will be continuing our internship program and hosting a two-day energy auditing seminar. The interns proved to be vital to the GCP and we are hoping that our current interns will continue on to the spring semester. We also hope that other students who are interested in Green Campus will take this opportunity to get involved.

After the one-day energy auditing class this fall we received many requests for a two-day class. We will be offering this two-day energy auditing class through extended education for the spring semester (Feb. 5 & 7, 2009). This class will be a longer, more hands-on version of the auditing class offered this fall. In the class we will go over energy auditing basics in a three-hour session held during the week and the students will have a chance to put their newly acquired skills to good use during the weekend when we perform real audits on offices around campus. We hope that students and community members will take advantage of this great opportunity to learn the essentials of energy auditing!

WATCH FOR:**Final CFL Tabling on the Quad:**

GCP is wrapping up it's final push to get compact fluorescent lights out to the campus community. Come see us on the Quad, mid-day, to get yours while you can!

GCP Mid-Year Meeting
•01/25-26•
UC Irvine

HSU GCP and its twelve GCP sister campuses converge on Irvine for a weekend of brainstorming, networking, and collaborating.

ENVS 482 Spring 2009
 Green Campus Energy Efficiency Internships



HSU FINDS ITS WAY TO CHICO: THE FOURTH ANNUAL THIS WAY TO SUSTAINABILITY CONFERENCE

BY KALE ROBERTS



Kendall Hall - CSU, Chico

The fourth annual This Way to Sustainability conference was hosted November 6-9th, 2008, by CSU-Chico, Butte College, and the Institute for Sustainable Development in order to "bring together people who care deeply about our

planet, to learn about pressing sustainability issues, and to create a space for dialogue and action." Over 30 students from Humboldt State and College of the Redwoods traveled to Chico State University in November, representing student demand for society to find its way back on track.

Green Campus interns and coordinators attended to discuss ideas and find ways to bring energy savings back to HSU. Chris Escarcega presented on Grassroots GIS: Forest Preservation in Northern Oregon. Using spatial analysis to track the proposed Palomar Pipeline route, a liquid natural gas (LNG) pipeline that would provide natural gas to California, sensitive ecosystems can be monitored.

Sarah Schneider presented How to Integrate Energy Efficiency Education into the Classroom through the Green Campus Internship Course. Students from other campuses were offered tips and guidance on how they too can host classes like those at Humboldt State.

HSU students spent some time in another natural space in Chico and brought home a renewed sense of hope found networking with students throughout the state who share a similar value for a healthy, vibrant planet.

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The Alliance to Save Energy's "Green Campus Program" is funded by the ratepayers of Pacific Gas & Electric. Strategic Energy Innovations is a sub-contractor of the Green Campus Program.

GREEN INVASION! (continued from page 1)

-through step in the audit process as well as compiling individual reports for each office occupant that we had audited. Another change has been a complete overhaul of the data analysis spreadsheets and the reporting format that comprise the final two phases in the audit process. The objectives behind the audit process upgrade were to ramp up the amount of audits we were historically completing in order to save HSU more energy and money each semester and to further promote the importance of energy efficiency.

CHRIS SAYS ADIOS! TO GREEN CAMPUS



All good things come to an end, and that includes GCP internships. Despite the occasional (okay, frequent – sorry, Morgan!) missed deadline stress-out, I have to say that my GCP experience has really been one of the highlights of my experience at HSU. I've learned a lot, and I feel that I've really helped make a difference on our campus. Cheers to our campus lead, Morgan, our awesome for-credit interns, the ASE staff in D.C. and Oakland, and especially to my fellow coordinators: Kale, Jami, Sarah, Carmen, and Drea – I love you guys. Keep up the good work!

- Chris

