



Energy Conservation Internship (Paid)

The Alliance to Save Energy's Green Campus Program seeks a student with an interest in energy efficiency for the position of Green Campus Program Coordinator beginning mid-April of the spring semester 2010.

The Program Coordinator Position is an internship that demands an organized self-starter who is intimately familiar with the UC Berkeley campus community and comfortable working on a team. The Program Coordinator is responsible for the successful implementation of the Alliance to Save Energy's Green Campus Program, the goal of which is immediate energy savings on the Berkeley campus, primarily through low-cost technologies and no-cost behavior changes, as well as the education of campus students, staff, and faculty members on energy conservation.

The Program Coordinator will determine his/her specific objectives and workload through ongoing consultation with the team, Team Manager, and Alliance to Save Energy's Program Associate. The weekly workload for the Program Coordinator position will vary between 5 and 15 hours per week, as arranged with the Team Leader, and is compensated at \$11 per hour. The position runs from date of hire until the end of the 2011 spring semester; the option to terminate at any time is available to both parties at all times. **Candidates, especially freshman and sophomores, who are interested in a yearlong or longer position, will be favored. Candidates with experience working in the residence halls will also be favored. However, other applicants should not be discouraged from applying.**

To learn more about the goals of the Alliance to Save Energy and the Green Campus Program, please visit: <http://ase.org/content/article/detail/3037>

Current UC Berkeley Green Campus projects include:

- Energy DeCal Course (ER 98/198)
- "Blackout Battles" Energy Competition in the Residence Halls
- Light Bulb Exchange in Residence Halls
- Laundry Education in Residence Halls
- "Dining by Daylight" Energy Competition in Dining Halls
- Environmental Career Panels
- Fume Hood "Shut the Sash" Campaign
- Haas School of Business Energy Conservation Campaign
- Installing Vending Misers (energy saving devices) on Campus Vending Machines
- Green Department Certification
- Campus Building Lighting Audits
- Hall Staff Outreach
- Sustainability Week and Earth Week Events
- LBNL Refrigerator-Metering Research

Please see our project descriptions at the end of this document for more information.

Some typical intern tasks for the above projects include:

- Initiating energy and water conservation projects in the residence halls and on campus
- Speaking to a wide variety of audiences about how to save energy on campus and at home
- Creating publicity and setting up presentations for educational campaigns
- Communicating and meeting with the campus community via phone, e-mail, and in person
- Conducting lighting audits
- Calculating energy and water savings
- Participating in weekly team meetings and monthly trainings
- Attending state-wide sustainability conferences



- Publishing monthly newsletters
- Managing a budget
- Collaborating with other sustainability groups on campus

Applicants must:

- Be currently enrolled graduate or undergraduate (***freshmen, sophomores, and juniors undergraduates preferred, graduate students with at least two semesters remaining preferred***) students.
- Possess excellent written and oral communications skills.
- Be comfortable with the basic functions of Microsoft Word, PowerPoint, and Excel.
- Have leadership and teamwork experience.
- Effective time management skills.
- Have a passion for energy efficiency

Desired Qualities:

- Strong experience in on-campus environmental activism.
- Specialized skills such as:
 - Engineering or technical knowledge of energy systems
 - Graphic design, newsletter design, web design, or editing skills
 - Data analysis
 - Teaching at a college level
 - Strong communication: writing and public speaking
- Managing budgets
- Familiarity / previous working relationship with the Green Campus Program, other campus environmental groups, or DeCal program.
- Familiarity / previous working relationship with campus staff and administrators
- Experience working in the residence halls.

Application Materials:

To apply please send a resume, cover letter, and writing sample to BerkeleyGreenCampus@gmail.com, Please email BerkeleyGreenCampus@gmail.com or contact Morwenna Rowe at morwennar@gmail.com if you have any further questions about the program.

All applications must be received by midnight on Friday, April 9th.

Interviews will be scheduled on a rolling basis for Sunday, April 18th. Good luck!

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Green Campus Projects:

Head-quartered in Washington, DC, the non-profit Alliance to Save Energy (www.ase.org) promotes energy efficiency worldwide to achieve a healthier economy, a cleaner environment, and greater energy security.

The Green Campus Program seeks energy savings on 16 California university and college campuses through a student-led campaign to identify and reduce energy waste through improvements in energy use behaviors, student purchasing decisions, and operations changes.

Housing Projects:

Light Bulb Exchange: The light bulb exchange involves an exchange of students' incandescent light bulbs for 13-watt compact florescent bulbs, which use roughly 25% of the energy that incandescent bulbs consume. We exchanged approximately 4,900 light bulbs in the past four years.

Blackout Battles Energy Competition: The Blackout Battles is an energy competition between Unit 1, Unit 2, Unit 3, and Unit 4 (Foothill, Bowles, and Stern) in the residence halls. These competitions are held every semester since Spring 2005 and include prizes such as ice cream parties.

Hall Staff Outreach: Green Campus presents during RA training sessions, provides support and incentives for sustainable programs, and gives a Best Motivator award to the student hall staff members in the residence halls.

Laundry Campaign - Green Campus will encourage residents in the dorms to adopt sustainable laundry practices by creating static laundry machine stickers advertising the energy-savings realized from washing with cold water instead of hot water, and the corresponding "cycle" to choose.

Campus Projects:

Energy DeCal: The Energy DeCal course utilizes innovative curriculum to teach a class of 20-30 students about the lifecycle consequences of our energy consumption and alternative energy technologies. Students take the course for two units and complete assignments such as a personal energy audit and group project that involves designing materials to teach other students and staff about how we can reduce energy consumption at UC Berkeley. Green Campus has taught eight semesters of this course to over 155 students.

Green Departments: In collaboration with UC Berkeley's Office of Sustainability, the project will establish guidelines and a checklist, similar to the Bay Area Green Business Certification, for UC Berkeley departments that take the extra step to make their workspace "greener."

"Haas Energy Challenge" Campaign: A campaign educating staff and faculty how to easily reduce their energy consumption in the Haas School of Business.

Vending Miser Installation: Vending misers are motion sensors that power down the vending machines when they are not in use. Green Campus has installed vending misers on 14 machines across campus and has monitored their energy consumption on a weekly basis.

"Shut the Sash" Fume Hood Campaign: This campaign educates researchers to close the sashes on fume hoods when they are not in use to reduce their energy consumption and improve air quality. This program targeted at Tan hall and uses stickers, flyers, and emails to disseminate information and involves a competition to see which lab can reduce their sash height by the most.

LBNL Refrigerator-Metering Research: Inters are working with researchers at LBNL to evaluate the actual energy consumption of compact fridges as compared to the stated baseline numbers. This data will be used to help the Department of Energy create new refrigerator efficiency standards which will go into effect January 2014. Berkeley Green Campus interns plan to meter various fridges in campus buildings this semester by monitoring energy usage, measuring temperature, and having fridge owners fill out a quick survey about fridge use habits.