

Cardinal Green

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The Sustainable Stanford Monthly Newsletter



In this issue...

| | |
|---|---|
| Executive Summary | 1 |
| Green Fund 2008 Winners | 1 |
| Recyclemania | 2 |
| Student Petition to Stop the Use of Styrofoam | 2 |
| Zimride | 2 |
| EH&S chemical recycling program | 3 |
| \$100 Million Dollar Energy Initiative Announcement | 3 |
| Winter Close Savings | 4 |
| "Name the Newsletter" winner | 4 |
| Call for Community Partnership Application | 4 |

Call for submission or comments due at the end of the month for publication in the following month.

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In This Issue

The theme of conservation is particularly relevant in a year when we are challenged to do more with less. We have a few stories for you in this issue that strengthen the case for conservation and reuse, such as the winter closure savings and EH&S chemical recycling. The Student Green Fund is a great example of how student creativity and ingenuity continue to motivate us in uncertain times.

Last Friday, members of the Sustainability staff attended the student-organized "Focus the Nation" at Stanford.

Despite the rain, many members of the faculty and staff came to show their support for the

students and their engagement in campus sustainability and climate action. We came away knowing that a successful year in sustainability is achievable with ongoing collaboration between staff and students.

Enjoy this issue and please keep the stories coming.

Fahmida Ahmed
Sustainable Stanford



Lauren Finzer and Daniela Uribe, members of Students for Sustainable Stanford, at the Sustainable Stanford table (Focus the Nation event, February 6, 2009)

Stanford Student Green Fund Inaugural 2008 Winners Announced

The Stanford Green Fund committee is proud to announce the fund winners for its inaugural year. A total of 25 applications with project request funds totaling approximately \$75K were submitted. The winners selected were based on the projects' potential to achieve intended goals as well as enable students to actively participate and make a contribution to campus sustainability.

Congratulations to all the winners, who will be receiving close to \$30,000 in total. Visit http://sem.stanford.edu/green_fund for more details about each of the nine winning projects:

- Campus Garden Initiative
- Conservation Cup
- Energy Bike
- Focus the Nation
- Green Campus
- Green Living Council (GLC)
- PlugVIEW
- Salinas Valley Wind Resource Assessment (SWEP)
- Solar Water Heating Instrumentation



Stanford Competes in Recyclemania 2009

Once again, Stanford University has entered Recyclemania - a nationwide recycling contest among colleges and universities. Last year, Stanford won the Gorilla Prize, which is awarded to the campus with the most recycling efforts during the competition.

From January 18 through March 28, Stanford will be in a fierce (but friendly) competition with its Ivy League, PAC 10, and California competitors to see who can recycle the most and landfill the least. The competition will be tough - there are over 450 schools in the competition this year!



Help Stanford make a strong showing by recycling all your paper, corrugated cardboard, bottles and cans, paying close attention to what you are throwing in the garbage. A complete list of recyclable items is available online: <http://recycling.stanford.edu/recycling/recycling20flyer20april2006.pdf>

Visit recyclemania.org for more information about the competition and a list of participating colleges and universities, or contact Julie Muir at 650.321.4236, or email her at juliem@pssi.stanford.edu.

Student Petition to Stop the Use of Styrofoam at Jamba Juice Stanford Branch

Theo Gibbs, along with members of Students for a Sustainable Stanford, initiated a petition to collect 500 signatures banning the use of styrofoam cups at the Jamba Juice located on campus.



Student Theo Gibbs, '10

A [link](http://petitiononline.com/jambajui/petition.html) to an online petition (petitiononline.com/jambajui/petition.html) was distributed throughout campus via mailing distribution lists, including to the faculty and staff, encouraging them to sign a ban on the use of styrofoam cups.

The petition highlights the hazards caused by styrofoam and indicates that the Stanford campus should set an example for the campus to become environmentally friendly.

Contact Theo Gibbs (ayelen@stanford.edu) for more information about the petition and updates.

Zimride + Facebook: Stanford carpooling made social

In early December, Parking & Transportation Services launched a ridesharing service through Zimride, a technology company based in Palo Alto. Combining ridematching with social networking, the Stanford carpool application on Facebook allows users to arrange rides with other Stanford affiliates or with the broader network of Zimride users. A stand-alone version that doesn't require a Facebook account is coming soon. For more information and to sign up for this free service, visit transportation.stanford.edu/ridematch



Research: Stanford Launches \$100 Million Energy Initiative

On January 12, Stanford University announced the establishment of a \$100 million research institute focusing on energy efficiency.

The funding, contributions for which were led by Stanford alumni including the founding donors of the Precourt Institute, will enable hiring new faculty, additional support of graduate students, in addition to funding of ongoing energy research.

Global Climate and Energy Project (GCEP) director Professor Lynn Orr has been named overall new Director of the Institute.

Visit piee.stanford.edu for more details.

Environmental Health & Safety Surplus Chemical Redistribution and Recycling Program

Environmental Health and Safety (EH&S) strongly encourages everyone in the Stanford research community to participate in its highly popular and very effective surplus chemical redistribution program. The program's intent is to redirect unused, unopened reagent chemicals out of Stanford's hazardous waste disposal streams and back into the hands of researchers across the university free of charge.

Since EH&S implemented this innovative pollution prevention program, it has saved over \$100,000 in chemical purchase and waste disposal costs, saving not just money but the environment as well.

EH&S maintains a large inventory of unused, unopened chemical reagents. University researchers can search the online inventory at freechemicals.stanford.edu and request any chemicals free of charge. EH&S delivers the chemicals promptly, typically within 1-3 days of receiving the request.



Flammable chemicals storage area



EH&S's surplus chemicals storage shed

The program has gained in popularity and now proudly boasts many loyal participants from diverse research areas such as Pediatrics – Cancer Biology, Pathology, Materials Science & Engineering, and Chemical Engineering, to name merely a few. Participating researchers are grateful for the direct benefits to their laboratory's bottom line and to the environment as well.

If you have any questions about EH&S's surplus chemical program, or would like more information, contact Heather Perry at 3-1308 or hperry@stanford.edu.

Newsletter Naming Contest Winner

We are pleased to announce Lorna Groundwater from the Department of Pediatrics as our newsletter naming contest winner.



Lorna Groundwater

Several names were submitted and considered. Staff and Sustainability working team members agreed that “Cardinal Green” is a fitting name for our newsletter.

Congratulations Lorna!

Winter Close Saves Resources



CONGRATULATIONS to those of you who participated in the energy curtailment over Winter Close! By turning off or reducing heat and ventilation in over one hundred unoccupied buildings, we estimate that the campus (excluding the Medical Center) used 4.7 million pounds of steam and 1.5 million kilowatt-hours of electricity less than it otherwise would have over the 16-day period.

This amount of energy represents nearly 900 metric tons of carbon dioxide emissions avoided. After subtracting the amount spent to implement the curtailment, we estimate a net cost savings of \$257,000. This is a 17% increase over last year despite the fact that technicians had to turn some equipment back on the night of December 25-26 in order to prevent damage from freezing temperatures.

Thank you again for participating in this effort to conserve natural and financial resources. An additional thank you to Susan Kulakowski for coordinating this large effort in saving energy.

If you would like more information on the winter close curtailment, contact Susan Kulakowski (Demand-Side Energy Manager) at 3-4570 or susank@bonair.stanford.edu

Community Partnership Award Call for Nominations

Stanford’s Office of Public Affairs is planning for the sixth annual Community Partners Awards to be held on Tuesday, April 28, 2009.

Projects should embody a spirit of genuine partners between the greater community and Stanford and will be selected for their initiative, leadership, and involvement in collaborative projects that promote the vitality and well-being of the overall Mid-Peninsula community.

For more information contact Jean McCown, Office of Government and Community Relations, at 5-3320 or jmccown@stanford.edu.

