

Cardinal Green

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The Sustainable Stanford Monthly Newsletter



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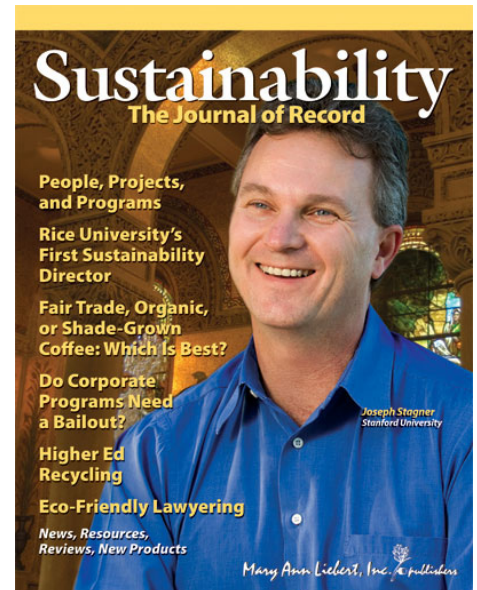
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In This Issue

We have some great highlights in campus sustainability this issue, ranging from recognition for specific programs to ongoing outreach on sustainability education. We are particularly excited about the **April 14, 2009** Sustainability at Stanford event (page 2) that we hope many of you will attend. While we stay focused on all the work ahead, we also celebrate the recognition Stanford has started to receive for decades of good work in sustainability practices and the strategy moving forward. Stanford made the cover of Sustainability: The Journal of Record magazine in their February/March issue with a story titled 'Sustainability at Stanford: Mandate or Mantra?' that shares some of the groups' strategic visions.

Fahmida Ahmed

Student office hours 3:30-5:00pm weekly
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Stanford Utilities Recipient of Silicon Valley Water Conservation Award

Stanford received the 2009 Silicon Valley Water Conservation Award on March 24th. This award honors outstanding achievements in water conservation among businesses, local governments, organizations, and individuals in the Silicon Valley region. "Recognizing the primacy of water issues to the health and economic vitality of our region and to the environment, the Silicon Valley Water Conservation Awards are presented to organizations, agencies, businesses and individuals whose programs and leadership have advanced water conservation in Silicon Valley (San Mateo County, Santa Clara County and Alameda County from Hayward south)". (Source: <http://www.waterawards.org/>) To learn more about the Stanford Utilities Division, visit http://lbre.stanford.edu/sem/utilities_mission. Congratulations Stanford Utilities team!



Photo from left to right: Nicole Sandkulla, P.E. BAWSCA Senior Water Resources Engineer, Marty Laporte, Associate Director of Utilities for Water Resources & Environmental Quality, and Mike Goff, Director of Utilities

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

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Stanford Ramps Up Outdoor Recycling

A new pilot program to facilitate outdoor recycling began implementation in Fall 2008. By the end of Summer 2009, one hundred receptacles will be installed in high use areas of campus. These custom- built split bins are the product of a year's worth of research and collaboration between the University Architect / Campus



Installation at Gardner Courtyard next to the Barnum Center

Planning & Design office, Peninsula Sanitary Services Inc. (PSSI), Stanford Facilities Operations Machine Shop and other vendors. The bins feature two semi-circular interior liners that each capture a different type of recyclable (or “resource” as Julie Muir, Community Relations Manager refers to them).

“The goal is to eventually pair every exterior trash container with a dual function recycle bin so that anytime one approaches a trash receptacle, within an arm’s reach there will always

be three to four options,” said Cathy Blake, the initiator of the program and Manager of the Campus Stanford Infrastructure Program (SIP-C) that is funding the pilot project.

The lids feature distinctive slots and labeling to insure proper channeling of the recyclables. The split recycling receptacles match the current campus standard trash receptacle and will be paired with them to provide for the variety of needs of the public. The first wave of receptacles will receive paper and cans, glass, and plastic containers but future versions will accommodate trash and recyclable combinations and compostable waste.



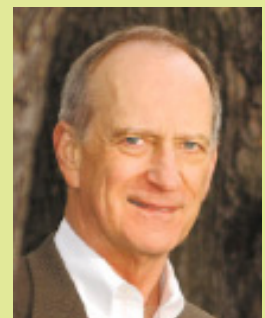
Each furnishing is designed to collect paper along with glass, cans, and plastic containers

“Our first priority was to get more cans out to public spaces so that we can start capturing all these lost recyclables,” explained Campus Planner Eva Rose Leavitt, “but our long term goals for the project include minimizing upstream waste by using recycled plastic for the liners, and fabricating them locally to cut down on emissions and freight.”

For additional information about the pilot project, contact Eva Rose Leavitt in the University Architect / Campus Planning & Design office at eval@stanford.edu or call 650.498.7662.

Earth Day Founder to Speak at Sustainability Event on April 14th

Bring your lunch to the Meyer Lawn (<http://campus-map.stanford.edu/index.cfm?ID=03-400>) and join us at the campus sustainability event from 12-1pm. Stanford



Denis Hayes

alumni Denis Hayes is the scheduled keynote speaker.

The event, sponsored by the Woods Institute for the Environment, Sustainable Stanford, and Students for a Sustainable Stanford will feature a short presentation on campus sustainability programs.

RSVP to sustainable-rsvp@lists.stanford.edu

Cardinal Green Tip — Using Smart Strips

When computer peripherals are plugged into outlets, power is still used, even if the equipment is turned off. The Smart Strip by BITS Limited senses when your computer is turned off and safely shuts down your peripherals too. The blue outlet allows you to chose a control device, for example a PC. When the device



is turned off, it powers down all the other devices plugged into the strip. The red plugs are “safe” and will not turn off unless you unplug them yourself. Visit the BITS Limited website for more information: <http://bitstld.net/ConsumerProducts/index.htm>. The strips are also available through Corporate Express.

Desktop Power Management

Desktop Power Management allows schools and departments to set and maintain computer power settings centrally, which ensures that computers and computer monitors are turned off when they are not in use. This is estimated to save the University approximately 2,000,000 kWh/year in electricity use, which translates to approximately \$235,000/year in savings. These savings go back to the Schools and departments that have Desktop Power Management enabled.

Initially deployed in 2008 using the Big Fix tool, Stanford now has nearly 10,000 computers using Desktop Power Management across the University. EH&S, VPSA, GSB, Medical School, and Land, Buildings & Real Estate top the list with the greatest adoption of Desktop Power Management. Groups can choose which energy saving



Sustainable IT Director, Joyce Dickerson, SEM

settings make the most sense for their users. At SU-LAIR, computers are set to go into sleep mode after an hour of being idle; while at the GSB, all monitors turn off after 15 minutes.

Desktop Power Management is currently available only for Windows computers, and IT Services is hoping to offer it for Macs this summer. For more information on Big Fix, or how your department can get involved, visit the Sustainable IT page on the Sustainable Stanford website (<http://sustainableit.stanford.edu>) or contact Joyce Dickerson at jdickerson@stanford.edu.

Students Recognized for Bike Safety Innovation

Three Stanford student teams were honored at the Bike Safety Invention Challenge. In an effort to lower green house gas emissions on campus, bicycling is the top alternative mode of transportation among students. More cyclists on campus means more head-on collisions with motorists sharing the road. Nearly 100 collisions between bicycles and vehicles have been reported between 2003 and 2007.

Among the winning inventions: a bike helmet equipped with LEDs (light-emitting diodes), a halo-like device that attaches to a bike increasing visibility during the day and night, and a lower power light visible by motorists in broad daylight.

To read the full story, visit the online Stanford Report (<http://news.stanford.edu/news/2009/march4/bike-safety-invention-challenge-students-030409.html>).



Top Winner BriteLite team member Choong Ng wearing the grand prize winning bike helmet equipped with LEDs

Photo courtesy of Stanford Report

For more information about Stanford’s bicycle program, contact Ariadne Scott, Bicycle Program Coordinator, at 725-2453 or email adscott@stanford.edu.

AF & PA Recycling Award

Stanford University is one of the 2009 winning recipients of the American Forest & Paper Association (AF & PA) in the College/University recycling category. Awards are granted each year in four categories: School, Business, Leadership, and Community.

Congratulations PSSI!



For more information about AF & PA, visit <http://www.afandpa.org>. To learn more about Stanford's Recycling Program (PSSI), contact Julie Muir at 650.321.2146 or email juliem@pssi.stanford.edu.

Stanford Athletics Reuse-A-Shoe Event

Stanford Athletics held their first ever Recycling Night at the Stanford vs Arizona Women's Basketball game on March 5. During this event, Stanford Athletics collected over 200 pairs of shoes to donate to the Nike Reuse-A-Shoe Program.



The program, which started collecting gym shoes globally in 1990, partners with organizations to collect old gym shoes, which are then 'sliced-and-grinded' into three slices of reusable materials: rubber, foam, and cushioning pads. From running tracks to basketball and tennis courts to playground surfaces and even synthetic turf for soccer and football fields, old athletic shoes and footwear manufacturing scraps can become new places to play – instead of landfill waste. For information on the event, contact Daniella Garcia at 725-0779 or email dvgarcia@stanford.edu. For more information on how to partner with Nike, visit <http://www.nikereuseashoe.com/>

Y2E2 Docent Training Program Education Beyond the Classroom

Since its inauguration in March 2008, Y2E2 has been a popular tour site for students, researchers, corporate executives and donors as a landmark of sustainability in building design.

Jeff Koseff, Professor of Civil & Environmental Engineering and Co-Director of the Woods Institute for the Environment and Fahmida Ahmed, Sustainability and Energy Management Programs Manager, developed a docent training program that trains on the building's history, design and functions. Docents also come away with a better understanding on sustainability and how it is manifested at the Stanford campus.



*Photo: Inside Y2E2
Photo Credit: L.A. Cicero*

The next round of docent training sessions will meet in the social entry:

- April 15, 2009 from 10:00am-11:30am
- May 1st, 2009 from 10:00am-11:30am
- June 1st, 2009 from 10:00am-11:30am

Those interested should send an rsvp email, with the date in the subject line, to sustainable-rsvp@lists.stanford.edu. All are welcome to sign up.