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## The Office Update

Please encourage your friends and colleagues to join our [list serve](#). Become a fan of our [Facebook Page](#)!

Have an idea for an article contact Kira, BGN editor: [stoll@berkeley.edu](mailto:stoll@berkeley.edu)

**Contact us:**  
[sustainability@berkeley.edu](mailto:sustainability@berkeley.edu)

**Check out our website:**  
<http://sustainability.berkeley.edu>

# Bright Green News

## The Campus Sustainability Newsletter

### CalCAP Wins Clean-Air Leadership Award

UC Berkeley's Cal Climate Action Partnership was honored in April with a clean air award from Breathe California. At its awards lunch in San Francisco, the volunteer health organization recognized Berkeley, through its CalCAP initiative, for "significantly reducing greenhouse-gas emissions and demonstrating climate leadership through its student activism, broad organizational partnerships, climate action planning and financial commitment to reducing climate change."



2012 Clean Air Award Winners, Lisa McNeilly for UCB on the right.

Berkeley was one of seven institutions, businesses and individuals to win 2012 Clean Air Awards. CalCAP, formed in 2006,

is a collaboration of faculty, administration, staff and students working to reduce greenhouse gas emissions on campus. Its initial work led Chancellor Robert Birgeneau to commit the campus to reducing emissions to 1990 levels by the year 2014.

More information is available on [CalCAP website](#) and the [BREATHE California's website](#).



### Energy Management Launches!



With the launch of myPower, UC Berkeley reaffirms its commitment to energy efficiency. The myPower website, ([myPower.berkeley.edu](http://myPower.berkeley.edu)), offers "dashboards" that show real-time energy use in campus buildings. Studies have shown that just by making energy use visible, a typical building will use 10-15% less energy. Besides making energy use transpar-

ent, myPower also provides ways for faculty, staff and students to become even more energy efficient.

A large component of myPower is its [monthly newsletter](#). The newsletter will help you stay up to date on the continuing efforts of myPower and energy projects that affect the bay area.

Currently myPower is looking for passionate individuals to become

power agents on campus to help usher in a new era of energy conservation on campus. If you are not ready to become a power agent then sign up for our newsletter to stay informed. Do not miss this opportunity to learn more and join the green community at Berkeley by joining the myPower newsletter!

Sign up for the myPower newsletter at <http://myPower.berkeley.edu>

Also, join us on [Facebook](#) and [twitter](#).



### Over 100 Certified Green Events

On April 18, the Graduate Division Mentoring Ceremony was held in Tan Hall, with the distinction of being the 100<sup>th</sup> **green event** certified by the Office of Sustainability. The event was one of the first to achieve the new zero waste green designation – meaning that it generated no waste and that at least 20 percent of

the food was local or organic. The Graduate Division also recently recertified as a **green department** (see next story), but that didn't dampen the sense of accomplishment. When told their event would get special recognition for being the 100<sup>th</sup>, organizer Jane Fink

said "I am SO over the moon about this!"

There are now 107 **green events**, which have been attended by over 30,000 people. This program has reduced waste and increased the purchase of sustainable food.

[Learn More.](#)

## UCB Graduate Division Serves as an Exemplar of Campus Sustainability

The faculty and staff of the UCB Graduate Division demonstrated their innovation and commitment to furthering green practices in their workspace by achieving the highest level of green certification during their recertification this April 2012. Along with maintaining its sustainable programs to manage recycling, energy, and compost, the department has made several initiatives that showcase the creativity individuals can offer to green the Berkeley community. The Office of Sustainability is proud to highlight the most recent achievements of the Graduate Division:

→ In effort to reduce energy use of elevators and encourage the healthy alternatives of walk-

ing, the department hosted the **Take the Stairs Challenge** for all-staff members. For several weeks, employees were challenged to use the stairs, and winners were awarded for changing their simple habits.

→ In addition to providing reusable cups and silverware in employee break rooms, the Graduate Division has implemented a **small-scale ReUSE program** approved by the campus' CRRS program. Building

occupants are encouraged to check the department's supplies before making new purchases.

→ Working with students of the DeCal sustainability course ER 198, the department will develop an **Energy Efficiency Challenge**. After con-

ducting a survey of common energy use practices, staff will work with students to help target and eliminate the most wasteful habits.

Congratulations to the Green Team and all staff of the Graduate Division!



Article by **Nik Crain**

## Streets Alive! Sustainability Themed Art Decorates Utility Boxes



On a warm Tuesday afternoon, City of Berkeley and UC Berkeley campus and community members gathered to inaugurate seven new utility box artwork installations all based on the theme of "sustainability." Streets Alive!, an initiative of the Earth Island Institute has been working with City of Berkeley and its Civic Arts Commission and UC Berkeley, whose Chancellor's Community Partnership Fund provided \$20,000 towards this effort to engage and inspire communities and decision makers about the concepts and application of sustainable principles.

This Sustainability Artwork Unveiling on April 24<sup>th</sup> concluded UC Berkeley's Earth Week events. At short reception on the steps of MLK Student Union, remarks were made by UC Berkeley Associate Chancellor of UC Berkeley Linda Williams, Kira Stoll of the UC Berkeley Sustainability Department, Jennifer McDougall of UC Berkeley's Office of Capitol Projects, Ariana Katovich of the Earth Island Institute and director of Streets Alive! and Councilmember Jesse Arreguin.



Artist **Brad Aldridge** with UCB Project Staff **Jennifer McDougall** and **Kira Stoll**

Roland Peterson from the Telegraph Business District Association, Shifra de Benedictis-Kessner of the Downtown Berkeley Association, local artists and interested community members joined the walking tour which was lead in part by Ariana Katovich and by Jim

**Horner** from UC Berkeley's Office of Capitol Projects who pointed out notable artwork and sustainability landmarks on the walk through campus. Artists, **Keenan Gravier**, **Robbin Légère Henderson** and **Brad Aldridge** gave short speeches on their visions of sustainability for their designs. The tour also included a Q&A session with the printer and installer, **Jason Lucero** from Bay Area Sign Installation.

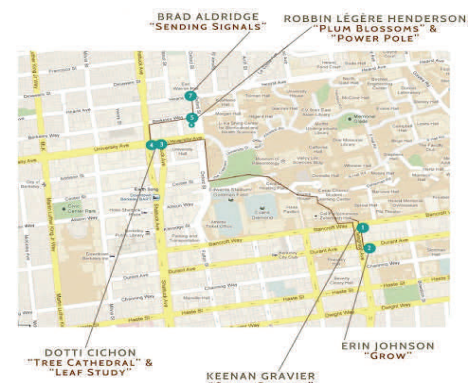
The works that were unveiled:

- "Grow" by **Erin Johnson** at the corner of Durant and Telegraph
- "Cross Section" by **Keenan Gravier** at the corner of Telegraph and Bancroft



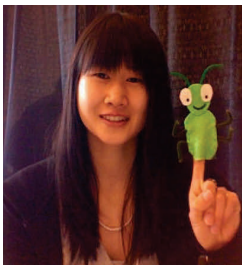
- "Plum Blossoms" and "Power Pole" by **Robbin Légère Henderson** at the corner of Berkeley Way and Oxford
- "Sending Signals" by **Brad Aldridge** at the corner of Hearst and Oxford
- "Leaf Study" and "Tree Cathedral" by **Dotti Cichon** at Shattuck and University

If you missed the event, check out our [website](#) for the map and do the walking tour on your own today!



Article & Photos by **Christina Monzer**,  
Streets Alive! Project Associate

## Student Sustainability Extraordinaire—Joanna Young



The Office of Sustainability is proud to share and celebrate the achievements of graduating senior and sustainability extraordinaire, **Joanna Young**.

Joanna has worked with the Office of Sustainability since almost its beginning—serving as the lead communications associate. She played a key role in the success of the [Talking Louder about Campus Sustainability Campaign](#)—expanding the

quality and readership of the Office newsletter Bright Green News, taking our Facebook page from 0 to over 500 friends, and marketing initiatives such as the green event and green department certification programs. She is well

known for her leadership in developing and institutionalizing the Office's [Student Sustainability Forum](#). Joanna organized and put-on 10 forums—bringing students together to learn about ways they can get involved in campus sustainability. By building a strong network with environmental student groups, Joanna hosted forums that attracted over 100 student attendees, including representatives from over 20 of the student sustainability groups.

This last year she took on the role of training the next generation of Office communications associates and recently organized an international Skype session between UCB students and students at De La Salle University in the Philippines for the exchange of sustainable ideas and practices. **Rachel Balmy**, one of the next generation of communications interns, had this to say:

*“Joanna’s dedication to bringing sustainability to Cal has truly transformed our campus. Through her many accomplishments and positive attitude, she has*

*inspired me to believe that I, a student, too can implement change here on campus. Joanna has been an incredible role model and mentor for me, patiently training and guiding me through my new internship position with the Office of Sustainability. I can only hope to one day fill the enormous, green shoes that she has left behind.”*

The work that Joanna has done with the Office over the last three years has been instrumental in the growth and depth of the sustainability culture at UC Berkeley.

Joanna is not only an effective organizer and implementer but she is a skilled designer and artist. The creativity and visual appeal that she offers to initiatives takes her sustainability outreach efforts to a more compelling level. A few examples of the work she has done:

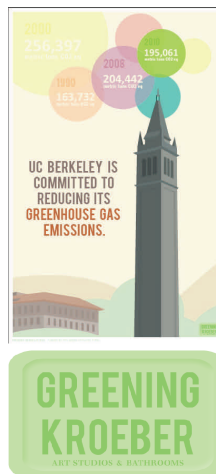
- [TGIF poster](#) for an Office campaign
- And—Joanna designed the [CACs Summit Logo](#)—now being used for the third year.

Her passion for working for the environment goes beyond her work with the Office. Additional highlights include:

- During her first year at UC Berkeley she was active in the Residential Sustainability Program— it was there that she put together a proposal for a pilot paper-towel composting program in residence halls, helped organize sustainability week, and worked with Green Campus to pass out CFLs.
- She also worked as a freshman with the Bay-Area Environmentally Aware Consulting Network (BEACN) to coordinate campus student groups to

work with Recreation Sports on their green events.

- Representing UC Berkeley under a fellowship program sponsored by the [International Alliance of Research Universities](#), Joanna spent a summer in Japan working with the University of Tokyo on energy related and other environmental projects.
- As the project manager and grant writer for the TGIF grant [“Greening Kroeber Art Studios and Bathrooms”](#)—Joanna launched a marketing and education campaign to green the Practice of Art department, aiming to reduce energy use and waste and to stop toxic art materials from going down the drain. Katherine Walsh, TGIF Coordinator, has this to say: *“It has been my pleasure to work with Joanna on the Kroeber project. I’m always impressed with her ability to connect with fellow students and her mentorship of upcoming student sustainability leaders.”*



**Joanna Young and Nicole Campbell** promoting the Office's campaigns at **Caltopia**, 2009



*Engaged students learning about different environmental clubs on campus at one of the many **Student Sustainability Forums** (2010) organized by **Joanna Young***



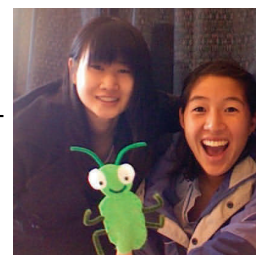
This year she took on her final Office project as the student sustainability extraordinaire—she is serving on the energy management outreach implementation team—providing the undergraduate perspective to this campus-wide initiative.

Joanna is a UC Berkeley Sustainability Champion, to say the least. The consistent and imaginative work she has done has made UC Berkeley a more sustainable place to work, live, and play.

Joanna graduates this year with a Business degree and the entire Office is certain that she will bring the same sustainability passion and leadership into her work in the world.

Thank you, Joanna, for everything you have done for this campus, its community, and the Office. We are truly indebted to you for your outstanding work. Best of luck in all of your future endeavors!

Article by **Kira Stoll & Rachel Balmy**



**Joanna Young and Vickie Ly** spreading sustainability awareness

# The Office of Sustainability Goes International!



UC Berkeley's sustainability efforts are gaining international attention. In addition

to hosting here on-campus numerous visiting groups from around the world, the Office has recently participated in several international

exchanges with Universities in Japan, Australia, and the Philippines.

## Japan – International Symposium on Creation of Sustainable Campuses, 2011

Kira Stoll, UCB Sustainability Manager, was invited by Hokkaido University in Sapporo, Japan to present on UC Berkeley's sustainable operations, goals and achievements and to participate in a workshop to provide input on a comprehensive sustainability strategy for Hokkaido.

The two-day event opened with a conference of formal presentations from four U.S. west-coast universities – UC Berkeley, Stanford, University of Oregon, and Portland State University - and from five Japanese universities around the county including Chiba, Nagoya, Kougakuin, Kyushu, and Hokkaido. While the U.S. visitors focused on various sustainability implementation measures, the Japanese presenters focused on the integration of sustainability in their Campus Master



Plans. These presentations are available for viewing [here](#).

The second day of the symposium focused on small group discussion with the previous day's presenters on myriad of sustainability topics – including Hokkaido's sustainability planning. The group also had an opportunity to discuss campus

-community involvement in sustainability and the differences in how U.S. and Japanese universities interact with their surrounding communities. Not surprisingly, with the March 2011 earthquake, tsunami, and Fukushima Daiichi nuclear disaster just a few months earlier, dialogue on emergency preparedness and the future of nuclear power and related policy transpired.

“This was an inspirational trip, said Stoll, I was honored to represent UC Berkeley's sustainability accomplishments and to participate in an educational exchange with Japanese universities – we have so much in common and so much to learn from one-another.” Stoll continues to exchange information with Hokkaido University and hopes a return to Japan is in the near future.

## Australia –Videoconferencing on Green Universities

Lisa McNeilly, Director of Sustainability, recently spoke by videoconference to a gathering of higher education sustainability staff at the Green Universities Conference in Melbourne, Australia. Speaking on “Sustainability as an Efficient Revolution,”

Lisa talked about how to use tightening budgets as an opportunity for greater change and on the effective use of student interest, financial analysis,



and external reporting to achieve goals. While it wasn't the same as enjoying summertime in the southern hemisphere, one attendee did remark that the virtual presentation was an “excellent use of technology.”

## Philippines –Waste Reduction Skype Session with De La Salle University in Manila

On Tuesday, April 3<sup>rd</sup>, student representatives from the Office of Sustainability, Re-Use, and Compost Alliance hosted a Skype session with students from De La Salle University (DLSU) to discuss



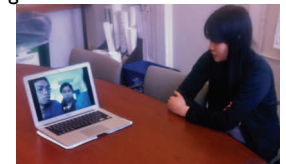
each university's waste reduction goals, achievements, and efforts. Located in Manila, DLSU is a private university with over 12,000 undergraduates; to put that in perspective, UC Berkeley (UCB) has over 25,000 undergraduates. Last semester, newly established DLSU's Office of Sustainability contacted UC Berkeley's Office looking to collaborate on sustainability endeavors. Joanna Young with the Office took the lead on organizing this conversation, determining it

would be best if the campuses exchanged best practices—the first topic chosen was waste reduction.

During the Skype session, UCB students

learned how DLSU was able to ban Styrofoam in their university by negotiating and collaborating with local food businesses; UCB shared that the City of Berkeley had banned Styrofoam, so UCB had less trouble dealing with this issue. DLSU is now starting to get rid of single-use plastic, a step toward their end-goal of zero waste. DLSU students were very interested in learning more about the plastic water bottle ban initiative at

UCB, as well as the expanding composting programs and student-funded green grants. DLSU deals with two issues when it comes to waste: quantity and variety. Although plastic is not a large component of their waste stream (paper is the largest), it is a large concern due to its lengthy decomposition rate. As for variety, DLSU's waste stream includes biohazards such as syringes from its campus clinic, creating issues regarding proper disposal. After the waste discussion, the two schools exchanged information about sustainability on campus in general, e.g. favorite sustainability topic and motivating less environmentally inclined students.



## 2012 CACS Sustainability Summit Wrap

On Thursday, April 19<sup>th</sup>, the Chancellor's Advisory Committee on Sustainability (CACS) held the 9<sup>th</sup> Annual Sustainability Summit at Sutardja Dai Hall. This summit celebrated the campus achievements in sustainability through a poster session showing the projects of CACS grant and The Green Fund Grant (TGIF) recipients, followed by remarks from Chancellor Birgeneau and a panel of UC Berkeley alums working in green jobs in the public and private sectors.



Current CACS co-chairs, Katherine Walsh & Kaela Colwell

Posters were displayed in abundance, circling the atrium and lining the hallway leading to the auditorium. Each poster was staffed by a project participant able to summarize their initiative and answer questions.

Just a few of the projects up for display included "The Little Green Book," which received a CACS grant and aims to streamline sustainability information for students through an easily accessible and comprehensive website. "Fight the Flow" summarized efforts to conserve the amount of water Unit 1 residents use while showering through the use of special showerheads, and other posters showed further

efforts in the residence halls, the greening of UC Berkeley's labs, and more.



The Chancellor enjoying the poster session before his remarks

As guests mingled amongst the presenters in the sunny atrium, a GO! Team member was on hand to guide people on properly composting leftover food and utensils from the sustainable refreshments provided by Cal Dining, while representatives from the "Bring Your Own Mug" campaign were present to offer their special hot/cold beverage bottles for sale. The myPower Energy Outreach Management Program was on hand showing off the new campus dashboards which show energy usage in almost 60 campus buildings.

Next guests filed into the auditorium to hear Chancellor Birgeneau reflect upon the campus' sustainability goals and achievements. Some notable items mentioned included the campus' successes to date in water reduction and how the campus is striving to meet zero waste.

The Chancellor also announced the 2012 Green Fund Grant recipients, and then gave a plaque individually to each of the Sustainability Award

winners. A brief summary of the Chancellor's remarks can be read [here](#).

The Summit closed with a panel featuring Mira Inbar from Dow Kokam, Laura Moreno from the Environmental Protection Agency, and Lauren Finzer of Revolution Foods. The purpose of the panel was to inform students on what paths these individuals took to reach their goals and careers in the sustainability field as well as the variety of career options available to students interested in this field. Each speaker reflected on a different area of the field from corporate to government to non-profit, and each had plenty of advice and stories to tell about their path to their current position. The panelists and audience engaged in a lively and lengthy discussion that revealed many interesting points on opportunities in the green careers field as well as on how students can strive to reach their goals.



The panelists had an engaging discussion with the audience.

The Annual Sustainability Summit is a celebration of the campus' achievements and a way to value

the effort of faculty, staff, students, and UC Berkeley as a whole. This tradition of holding the Summit is one that will hold strong and next year the campus will celebrate its 10th the Summit.

Article by Sarah Bae

## Campus Cell Phone Recycling



recycling programs we have here on campus!

In the last issue of BGN we ran a piece about recycling cell phones but didn't mention the great cell phone and toner cartridge recycling programs we have here on campus! A few years ago, Mail Services and Campus Recycling and Refuse began a very successful toner cartridge recycling program where qualified cartridges are sold back to the industry for re-manufacturing. Non-qualified items (damaged products and remanufactured cartridges) and brands not collected (toner bottles from copiers for example) are processed for recycling and broken down for plastic and metal content. Now Mail Services and Campus Recycling and Refuse have collaborated once again to initiate another program on the Berkeley campus for

personal cell phone recycling. A pilot was started last year and now a campus-wide roll out is happening. Cell phones are sent to a vendor where they are refurbished and resold for reuse again.

Cell phones that are obsolete technology or damaged are sold by the pound for scrap metal to recyclers that will smelt it down to extract things like gold from the contact, metals and plastics and other things from batteries and so on. There is about \$2 worth of gold in each cell phone alone besides other earthly components that are separated and when done in a huge volume, it is very profitable for recyclers. You can get a cell phone recycling box (approximately half the size of a Xerox paper box) for your department by [emailing](#) and asking for one. Mail Services will deliver it right to your department or residence hall. No more trying to

remember to take your old cell phones with you when you are out running errands in hopes of coming across a phone recycling bin. Just bring them to work and drop them in the cell phone recycling box. Only *personal* cell phones are to be deposited into these boxes. (University issued cell phones must be returned to Property Management.) Once the box is full, just tape it shut and return it to Mail Services for processing. Please remember to take the SIM card from your cell phone before recycling it no matter where you do so.



Help your campus reduce its landfill impact by recycling toner cartridges and cell phones!

Article by Kay Ingle, Manager, Mail Services

## The Office's Teaching, Learning, and Change Initiative

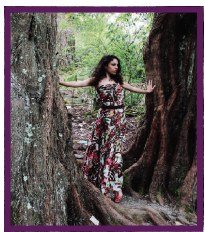
UC Berkeley's Office of Sustainability continues to offer programs and resources, helping create a more dynamic and engaging environmentally friendly and conservation conscious campus.

Over the last two years the **Teaching, Learning, and Change (TLC) Program**—a project funded by The Green Initiative Fund (TGIF) - has creatively offered ways to expand the community of sustainability through training, access to climate and energy information, and expanding multi-media communications. The first phase of this initiative is coming to a close, though elements of it will continue into the future.

At the annual Sustainability Summit in April, TLC was highlighted with two posters. Here is a summary of the elements of the TLC program:

### Student Multi-Media Projects

- ◇ **The LoopCycle** blog offers readers new and interesting ideas on how to live a more sustainable fashion lifestyle and challenges people to think twice about what they wear and about re-use and re-purposing options



Model, **Francesca Rubino**, poses for the *LoopCycle* blog

before throwing last year's clothing in the trash.

### ◇ How Do you Get Around Berkeley

**Video-** A video that depicts how UC Berkeley community transports around campus sustainably.

### ◇ TinkerBee's Sustainability Tour

**photo-video** highlights how you can 'bee' sustainable at UCB.

View all of the multi-media projects [here](#).

### Staff Training

#### ◇ WORKbright green -

In Fall 2011, twenty campus staff from varying departments and job roles took part in the first ever staff sustainability training. In-house campus experts (staff and students) led interactive

sessions detailing simple and feasible ways to reduce the environmental impacts of the work they do. The staff learned about energy efficiency and conservation, campus transportation options, waste reduction, recycling and composting best practices,



Staff participant blending a bike-powered smoothie with *Green Campus*

green purchasing, green buildings, and much more. Look for another training fall 2012.

### Sustainability Reporting and Research

- ◇ **Annual Sustainability Report-**The Office of Sustainability produces an annual report documenting how well the campus has implemented projects to achieve our goals, initiate best practices, and expand the culture of sustainability. A TLC student intern contributed to the 2011 Campus

Sustainability Report with a new feature - "Sustainability Snapshots." These information-filled graphics provide a succinct summary of current progress toward sustainability goals.

- ◇ **The Cal Climate Action Partnership (CalCAP)** is a collaboration of faculty, administration, staff, and students working to reduce greenhouse gas (GHG) emissions at UC Berkeley. TLC research interns provided new data on energy use from office equipment and updated financial analysis of GHG reducing projects being undertaken by campus.

Article by **Zara Fernandez**

## Bike to Work Day –Thursday May 10th!



On **Thursday, May 10**, people across the bay will be traveling to work or school on bikes to celebrate the 19<sup>th</sup> annual Bike to Work Day.

One of the events greatest local supporters and organizers is the East Bay Bicycle Coalition (EBBC). Founded in 1972, the non-profit organization promotes bicycling as beneficial alternative to transportation and recreation to those living in the Bay area.

With the ever-increasing need to clear up congested streets with car traffic, organizations and schools are learning that biking is good for cutting costs and encouraging healthy and happy students, visitors, and employees.

Pump up those tires and strap on your helmet!

The fun on the Bay Area's largest bike event lasts all day long. Starting early on Thursday morning, the Berkeley Bike Station at 2208 Shattuck Avenue will host a FREE pancake breakfast for all who show up with their bikes. "Energizer stations" (including UC Berkeley's station at the entrance to Sproul Plaza, 7-11am) will provide cyclists refreshments and goodies donated by local businesses. At the end of the day, there will be a free street festival in Old Oakland with live music, awards, food, and games for all bikers to enjoy.

With summer almost here, bicycling serves as a healthy and green way of getting to and from work in the fresh air. The UC Berkeley community is encouraged to take advantage of the bike pathways and parking on campus and take part in the regional event to put down the car keys and start peddling!

For more information, click [here](#).

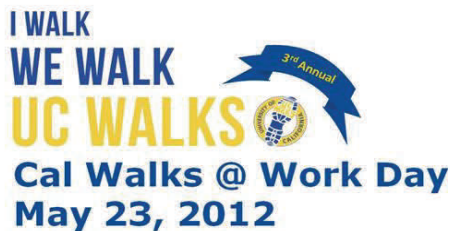
Article by **Nik Crain**

## Campus Bike Initiative



Learn more about the **Campus Bike Initiative** promoting and celebrating cycling for everyday transportation at UC Berkeley

## UC Walks: Cal Walks at Work Day in May



On **Wednesday, May 23**, UC Berkeley will celebrate the third annual, system-wide UC Walks event, encouraging faculty and staff to commit to walk a minimum of **30 minutes** on this day.

Faculty and staff can register to walk for 30 minutes on their own or join one of the organized walks departing at **12:10pm** from various campus locations and joining at the Campanile for a Celebration Event where participants can:

- Pick-up **free UC Walks T-shirts** courtesy of Kaiser and Staywell (while supplies last)
- Join the **pledge** to fit fitness into your day
- **Donate** your old walking shoes to the Rec Sports sneaker recycling program
- Enjoy light **refreshments**

You must register to receive a free UC Walks t-shirt and to be eligible for the prize drawing. This event is coordinated by Health\*Matters Wellness Program at University Health Services in partnership with Environment, Health & Safety, Human Resources Recreational Sports, and UC Living Well.



To register, view the video of UC Walks 2011, and find more details, see the CAL Walks @ Work [page](#).

## Donate your Gently-Used Readers to ReUSE-Going on Now

Instead of tossing your notebooks and readers into a recycling bin the moment you finish your last final, student group ReUSE invites you to participate in its annual Reader Collection Drive. ReUSE has placed blue collection bins (they look like recycling bins- but they are labeled "Donate your old readers here") in Doe, Moffitt, and VLSB library lobbies. We accept gently-used readers from this past spring semester or previous semesters



during RRR week and throughout finals week. The collected readers will be given away for free next fall on Upper Sproul Plaza at ReUSE's semester Reader Giveaway event, so stop by before you purchase readers next semester! Check out our [website](#) for items other than readers that you'd like to hand off to someone else, check out the UC Berkeley exclusive version of Craigslist where everything is free: "[The Exchange](#)".

**What:** ReUSE Reader Collection Drive  
**Where:** Doe, Moffitt, and VLSB library lobbies (look for blue carts)  
**When:** Throughout this week and finals week  
**Why:** Reusing readers saves money, natural resources and time- no new paper needs to be manufactured and shipped to us from far away when we reuse readers from Cal students next door. The readers that we collect now will be given away next fall and spring.

## The Exchange Move-Out Raffle is Here!

Do you want to win **\$20 to Cheeseboard?** Or a **Clipper Card** loaded with cash?

**The Exchange, UCB's online materials exchange, is having a move-out raffle!**

The [website](#) is similar to a craigslist but it is only accessible by UCB students, staff and faculty. All sorts of items can be posted on the site like furniture, appliances, clothing, and books, and everything is **FREE!**

To participate in the raffle, you must register for The Exchange, if you haven't already done so. Then, all you have to do is post an item between **4/29-5/5** on the site that you no longer want, and you are automatically entered!

**Need Hanging File Folders?**

Hundreds of lightly used hanging file folders are available free of charge. Don't buy new when you can re-use! Email campus [ReUse](#).

**TGIF Grants**

May 7th—The Green Initiative Fund will announce this year's new grant recipients. It is anticipated over \$300,000 in project will be funded. Find out more: <http://tgif.berkeley.edu>

## 2012 California Higher Education Sustainability Conference, June 18-22, 2012

Registration is now open for the Eleventh Annual California Higher Education Sustainability Conference (CHESC), **June 18 - 22, 2012**, hosted by the University of California, Davis!

UC Davis in partnership with the statewide steering committee, has introduced a **systems-thinking approach** to this year's conference, challenging potential speakers to find ways to engage stakeholders across multiple divisions. Some examples of cross-topic sessions will include:

- Creative Composting: Renewable Energy through Anaerobic Digestion
- Community connections through urban agriculture
- Budgeting to institutionalize energy efficiency and conservation
- Water efficiency opportunities in campus central plants



**For the first time, UC Davis will host the conference.** UC Davis is a recognized leader in campus sustainability practices, sustainability research, and environmental education. The city

of Davis is equally sustainability-minded and active in greenhouse gas reduction programs, bicycle commuting programs, and innovative housing developments, including co-housing and several types of cooperatives.

**This unique event is jointly organized by independent/private colleges, California Community Colleges, California State Universities, and the University of California, to create the opportunity for dialogue across institutions.**

All of the conference rates are posted on the [registration site](#). If the costs are prohibitive consider applying to the [non-student financial assistance program](#) or [student scholarship program](#).

See you in Davis!

### UC Berkeley at CHESC

The UCB community will be presenting on various topics at the conference this year including:

- Erin Fenley and Lisa McNeilly with the Office of Sustainability will lead an interactive session - **Change the Default: Using Social Marketing Research to Promote Behavioral Change.**
- Assistant Vice Chancellor for Physical and Environmental Planning Emily Marthinsen will participate in a panel discussion on **Campus-Community Partnerships for Sustainability**- sharing information on the innovative projects funded by the Chancellor's Community Partnership Fund.
- Kira Stoll with the Office of Sustainability will be on a panel with Stanford and Cal Poly SLO exploring the topic of **Building a Culture of Sustainability.**
- Kimberly Lam and Claire Porter with **Campus ReUse** will present on the extensive efforts to divert as much material from the landfill prior to demolishing Campbell Hall.

## UCB Energy Efficiency & Sustainability Best Practice Awards



UC Berkeley has done it again! In the eighth annual Energy Efficiency and Sustainability Best Practice competition of California's higher education institutions,

The campus is being recognized for its achievements in:

- ⇒ **Overall Sustainable Design** for UC Berkeley's new Energy Biosciences Building at Hearst and Oxford opening this year.
- ⇒ **Monitoring-Based Commissioning** for UC Berkeley's Davis Hall—this building tune-up will bring big energy savings.
- ⇒ **Student Energy Efficiency Program** for UC Berkeley's innovative Green Cup Competition in the Greeks.

Awards will be presented at this year's California Higher Education Sustainability Conference in June.

## Strategic Energy Plan brings Bi-Level LED Lighting to Campus Stairwells

The campus has just installed **275 bi-level LED lights** in stairwells in **13 buildings**, included Barrows Hall, Residential and Student Services Building, and Sather Tower. Lighting energy in the stairwells is expected to be reduced by **82%** and the LED technology should last about **50,000 hours**. It is anticipated that these lighting upgrades will save about **106,000 kWh** and **30 metric tons CO<sub>2</sub>e** annually.

The American-made fixtures are normally in the low setting and include occupancy sensors to turn to the high setting when a person enters the stairwell. They replace lighting that was on around the clock.

Sandra Wasson, General Manager of KALX, uses a popular stairwell in Barrows daily to reach the campus radio station in the basement, "the old lighting was yellow and dingy, the new lighting is much brighter - it's great to know that we can have much better light while being even more energy efficient."



A federal rebate of \$200/fixture covered most of the cost of the fixtures themselves, and the installation work was done by campus electricians and an outside contractor under a tight schedule. To qualify for the federal rebate, installation had to be complete by March with the fixtures being manufactured in Emeryville in February.

Martin Caraves of Capital Projects managed the project with help from Raul Abesamis and Jeff Kessel from Physical Plant.

If the project feedback continues to be positive and new rebates are approved, more of these bi-level LED lighting fixtures will be installed.

Article by **Patrick MacArdle**



## 2012 Sustainability Award and Green Fund Grant Recipients

As announced by Chancellor Birgeneau, this year's Sustainability Awards go to:



**Cal Dining:** Cal Dining is a sustainability leader and is being recognized this year for their newest achievement including receiving Marine Stewardship Council certification for their seafood purchases, establishing a new Sustainability Team,

and hitting the 25 percent mark for their purchases of local, organic, or fair trade food. Team members include Charles Davies, Shawn LePean, Jenna Kingkade, Patrice Thomas and Lucky Vasquez

**The Campbell Hall Team:** A diverse team of campus students and staff came together with the shared goal of developing a process to divert from the landfill as much material as possible prior to demolishing Campbell Hall. In the end 17 tons of waste was diverted from landfills. Team members include Kimberly Lam, Lin King, Tasha Dowdakin, Jim Wert, Claire Porter, Allen Palmer.

**Domenico Caramagno:** Domenico has gone above and beyond the call of duty as building manager in Sutardja Dai Hall. He worked with Building Sustainability at Cal to quantify waste, energy, and water saving opportunities, and has installed a composting system that diverts two cubic yards of building waste per week from the landfill. Domenico is also involved in research on energy efficiency and demand response in the building.

**Morwenna Rowe:** Morwenna has been the Berkeley team lead for the Green Campus in-

terns since her sophomore year. As part of her work with Green Campus, she co-facilitated multiple semesters of their 2-unit Energy Conservation and Efficiency DeCal. She also led many initiatives such as the McCone Hall lighting retrofit, the "Shut the Sash" fume hood competition, and a vending machine miser project.

**Sruti Bharat:** Sruti was a member of the Residential Sustainability Education Coordinator Program as a freshman and went on to work on the Building Sustainability at Cal project as an intern in Stanley Hall and then took over the next year and a half as intern coordinator. She also worked to help make CITRIS a Green Department.

### Upcoming Green Fund Grant Projects include:



**Weed 'Em and Reap: Replacing Invasive Plants along Strawberry Creek** – Nathan Bickart, an undergraduate in Conservation and Resource Studies, and Restoration Coordinator for the Strawberry Creek Restoration Program, will identify

and plant native species that can resist re-invasion by ivy and periwinkle, and contribute other benefits to this valuable ecosystem.

**A ReUSE Job for Superman** – Claire Porter an undergraduate in Environmental Sciences, and Co-Manager of the campus ReUSE Program will renovate the ReUSE station in Barrows Hall, to give a much-needed facelift to the program's flagship station, nestled in an abandoned phone booth.

**Get Bin Smart** – Julie Brown a Staff Assistant with Campus Recycling and Refuse Services will work to educate the campus community about recycling and composting, especially about what is compostable and recyclable, and where to dispose of each type of waste.

### Which Way to the Water Fountain?

– Allyson Beach, an undergraduate in Political Science and Conservation & Resource Studies, and Take Back the Tap Campus Coordinator will develop signage to improve tap water visibility, and a campaign to educate students about the benefits of drinking tap water versus bottled water.



**You are What You Read: Learn While You Shop** – Carli Baker, an undergraduate in Anthropology and Conservation & Resource Studies, and a member of the Student Food Collective will improve the collective's educational programs by developing in-store displays and posters, and expanding its speaker series by and about local green businesses.

**To-Go or Not To-Go? Which Take-Out Food Container is Best?** – Monica Harnoto, an undergraduate in Environmental Sciences, and Cal Dining Sustainability Intern will conduct a study to determine the costs and benefits of reusable and biodegradable food containers, and to test the feasibility of a reusable food container program in Cal Dining.

To learn more about these programs and to gear up for next year's cycle see the [CACS website](#).

## Faculty Spotlight – Professor Mehta Recognized



Professor Emeritus P Kumar Mehta in the Department of Civil and Environmental Engineering is being honored by American Concrete Institute "for pioneering and continuing efforts to introduce and support

*the concepts of sustainability within the concrete industry."*

Known for his decades of outstanding research on the use of fly ash in structural concrete - Mehta holds nine patents in the area of cement and concrete technology, and is the author or

coauthor of nearly 250 scientific papers and four books.

On his retirement in 1993, after 30 years of teaching and research in concrete technology, he was awarded the Berkeley Citation - the highest campus honor for contributions to his field and to the University.

## Composting Around UC Berkeley

Are you confused about what certain items are compostable and recyclable? Compost Alliance and ASUC Sustainability Team have created a [humorous and informative video](#) that provides great information on how compost works and how students can sort their trash.

### How does composting help lessen land-fill waste?

The organic material can be composted and is broken down into soil when it is exposed to heat and oxygen,

while worms and bacteria can be used to speed up the process. The rich nutrient of the soil can then be used as a fertilizer instead of accumulating in land fills.

### Which items are compostable?

The video provides a full list of items that are compostable and helps students identify if they fit the guidelines. Narrator Falko Noe, explains



how wax-lined cups are compostable and can be identified by scratching your finger through the smooth inner surface of the cup. Other items that are compostable include:

- |                                     |                       |
|-------------------------------------|-----------------------|
| 1. All food                         | 4. Paper towels       |
| 2. Biodegradable food packaging     | 5. Tea bags           |
| 3. Soiled paper, napkins, cardboard | 6. Plastics labeled 7 |
|                                     | PLA — Biodegradable   |

### Where are some of the newest campus compost bins located?

- |                      |                             |
|----------------------|-----------------------------|
| 1. Sutardja Dai Hall | 9. A&E                      |
| 2. California Hall   | 10. Mulford Hall            |
| 3. Durant Hall       | 11. Stanley Hall            |
| 4. Free Speech Café  | 12. Haas School of Business |
| 5. Wurster Hall      | 13. Boalt Law               |
| 6. Eschleman Hall    | 14. Women's Faculty Club    |
| 7. Sproul Hall       |                             |
| 8. Barrows Hall      |                             |

Composting is also available in residential halls, dining halls, and other buildings around campus. Questions about composting? Or do you want to get involved in helping the campus learn more about composting? Contact: [ASUC Sustainability Team](#) or [Compost Alliance](#).

Article by **Zara Fernandez**

## Get a Free Compost Bin! – through May 7th

The ASUC Sustainability Team is giving out **FREE COMPOST BINS** through **May 7th**. Composting is a great way to greenly handle your food waste, and summer is a great time to start a bin!

These bins are small enough to fit on a balcony or in the corner of a kitchen. Worm and non-worm bins are available (though, you'll have to obtain your own worms). ASUC also has plenty of information on how to set up the bins and be successful. If you are interested, contact [Monica Moritsch](#).

## 7 Steps to a Clean House and Cleaner Bay

For more than 60 years, EBMUD has protected public health and the environment with its rigorous programs to clean the East Bay's waste stream, prevent pollution at the source and protect San Francisco Bay.

Just as EBMUD finds new ways to reduce and reuse wastes, you can take action, too. Many common household cleansers that end up going down the drain include harsh chemicals that are not easily removed by the wastewater treatment process and can be harmful to the plants, animals and marine life that depend on the Bay.

To protect the Bay every day, make your own household cleansers and reduce the amount of harsh chemicals that are rinsed or flushed down your drain.

1. **All-purpose cleaning spray:** Dilute biodegradable liquid soap, such as castile soap, with water and pour into a clean spray bottle.



- 2. Carpet odor remover:** Dust carpet with baking soda or cornstarch and then vacuum.
- 3. Drain clog remover:** Combine one part baking soda followed by two parts vinegar in a nonreactive container before pouring down clogged drain.
- 4. Glass cleaner:** Mix equal parts vinegar and water in a spray bottle. Also, use lemon juice to remove greasy fingerprints from windows.
- 5. Oven/stovetop cleaner:** Mix baking soda, salt and just enough hot water to make a paste. Use this to scrub your oven or stovetop.
- 6. Surface disinfectant:** Combine 2 cups of water, 3 tablespoons biodegradable liquid soap, such as castile soap, and 25 drops of tea tree oil. Pour into a clean spray bottle and use.
- 7. Toilet bowl cleanser:** Sprinkle Borax in the toilet bowl and scrub to remove stains.

Be sure to check out the online [Clean-It Guide](#) for more cleaning tips.

Article Courtesy of **EBMUD**

## Considering Classes?

**LANDSCAPE ARCHITECTURE 12**  
**ENVIRONMENTAL SCIENCE**  
**FOR SUSTAINABLE DEVELOPMENT**

satisfies L&S seven-course breadth requirement for biological sciences

INSTRUCTOR: G. Mathias Kondolf  
 102 Wurster Hall, MWF 10-11am  
 + weekly labs (outdoors!)

"Absolutely fascinating!"  
 Sappamore 2011

**ENERGY**

**WATER**

**BUILT ENVIRONMENT**

**FOOD**

**RIVER + OCEAN**

**FOREST**

FROM GLOBAL CYCLES TO LOCAL SUSTAINABILITY

**HANDS-ON LEARNING IN THE FIELD**

http://ced.berkeley.edu/courses/la12/darch12

The Student Union has the honor of presenting the 2011 Freshman 2011  
 Freshman Symposium on the Environment and the Community  
 September 2011

Look for this class to be one of the most popular in the field!