



THE GREEN INSIDER



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CAL POLY POMONA



BY JOMEL BAUTISTA

That brand new three-story, 119,000 square foot building on your right as you head to Denny's from main campus is called the Bronco Recreation and Intramural Complex, otherwise known as the "BRIC." This impressive complex includes a 51-foot rock climbing wall, an indoor running track, outdoor lap and leisure pool, four-court gymnasium, racquetball courts, fitness studios, a juice bar, and more. Needless to say, this is the spot to be on campus. However, besides being a huge spark to campus life at Cal Poly Pomona, the BRIC capitalizes on its sustainability techniques making it a LEED Gold Design building. One feature that members will notice is the "cool roof" systems. The use of solar walls made from perforated metal with a 12-inch air space between the wall and the structure allows a reduced amount of interior heat gain by venting hot air up. This most importantly reduces air conditioning use. During the winter, the air space between the wall and structure is preheated with a heating system, which also saves energy. The addition of the light-colored roof reflects solar heat keeping roof and the interior much cooler. Visitors will also be amazed at the facilities use of a very green design walkway when approaching the building. The arial shot of the BRIC featured on the cover of this newsletter depicts such a design. To digitally view this building please visit the online [virtual tour](#).

BRONCO RECREATION AND INTRAMURAL COMPLEX



THE NEW GREEN ROOMS



BY RYAN GOFF

The auspicious new project from the Cal Poly Pomona PowerSave team has received a bit of a facelift starting in the fall quarter. The overall structure of the project remains intact, but its execution is now entirely different. The team has partnered with the University Housing Services on campus in order to carry out more audits and spread more awareness. In the old program, it was the interns who conducted the audit, now the Resident Advisors on each floor will conduct the audit and encourage each of their residents to sign up. The advisors have a closer connection to the residents than the intern team, so we believe that this will facilitate more participation and a better experience for the residents. The RA's will be trained on the auditing process and how the checklist works, and all subsequent materials will be provided to them such as flyers/posters, sign up forms, and the door placards displaying the rooms score. With this partnership the PowerSave Campus team hopes to drastically increase involvement in the program and to create a legacy of sustainability in the residence halls for future students.

SUSTAINABILITY IN ACTION

BY LYNÆ SALGADO

We recently created a new club on campus, "Sustainability in Action" which aims to give students the opportunities to gain hands-on experience on sustainability projects. Developed with CPP Sustainability Coordinator, Monika Kamboures, we invite students to join S.I.A. and find topic(s) of sustainability they have an interest in and then work on projects in that area of sustainability. Currently, each intern holds a committee that covers a specific area listed below.

Energy and Water Savings: Duties include focusing on projects that will help save water and energy on campus.

Academic Infusion: Duties include focusing on projects that aim to infuse sustainability into students education.

Workforce Development: Duties include focusing on projects that aim to develop opportunities in ways of workshops and networking to create future professionals in sustainable focused fields.

Outreach: Duties include projects that will inform and engage students and the community on sustainable practices and concepts.

If you have a different area in mind, please join and propose a new committee. We welcome students to join and begin working on current projects but also propose projects. Sustainability in Action offers students not only opportunities to give back to their campus but also gain valuable experience that can help them in the future.

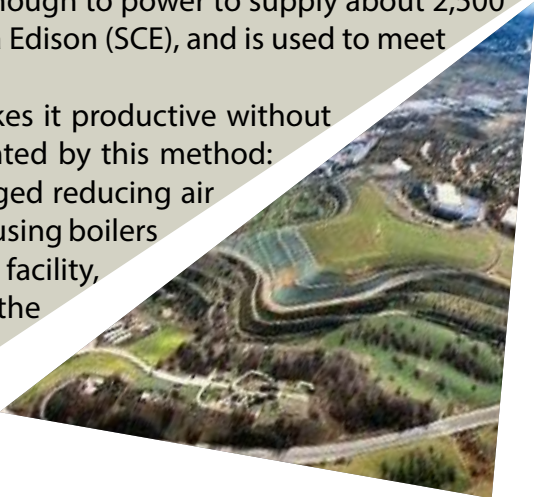
If you are interested, please join S.I.A. on MyBar:
<https://calpolypomona.collegiatelink.net/organization/sustainabilityinaction/about>
You can also email green campus.cpp@gmail.com for any questions.
We look forward to you joining!

FROM TRASH TO TREASURE

BY ARPY KASPARIAN

Ever wonder why that hill you see above the farm store is uniformly lined with pipes? Probably not. In fact, you probably never noticed it. It's just a hill, right? Nope! It's a landfill - The Spadra Landfill - and those pipes are collecting the gases emitted by the decomposition process taking place there. In 2000, the Spadra Landfill officially closed to the general public and is now being used to produce energy. In the 1980s, a gas-to-energy facility that uses landfill gas as fuel to generate electricity was constructed by the Sanitation Districts of Los Angeles County. Landfill gas is fired in the plant's boiler producing superheated steam. The superheated steam is used to drive the steam turbine/generator to generate electric power. Currently, the Spadra Landfill facility produces approximately 5 MW net of electric power. That is enough to power to supply about 2,500 U.S. homes! The power is sold to the local utility company, Southern California Edison (SCE), and is used to meet onsite needs. This regenerative system takes a natural process of decomposition and makes it productive without causing additional harm to the environment. In fact, further harm is prevented by this method: methane gas (a greenhouse gas) collected at the landfill is effectively managed reducing air emissions and producing significant economic benefits for landfill owners. By using boilers to combust the gas and a landfill gas pretreatment system customized for each facility, the Sanitation Districts maintain emission levels well below those required by the South Coast Air Quality Management District. You know what they say, "One man's trash, is another man's electricity!"

For more information: <http://www.lacsd.org/info/>



These days, it seems like every company is trying to reduce their environmental footprint by going paperless. Newspapers are going digital, banks provide electronic statements, and even government agencies are beginning to require digital permitting and filing. While the idea of going paperless in your home may seem nearly impossible, here are a few tips on how you can accomplish this seemingly daunting task, or at least take a few steps in the right direction. Sort and organize. Many people still have files, receipts, statements, and other random papers sitting around the house. The easiest way to reduce the amount of paper you have is to simply get rid of it! Go through those old stacks and file cabinets and pick out what you really think you need. Chances are, you will end up recycling 50% of your collection. Invest in a scanner. So you've sorted through all of the paper in your home and decided to hold on to a few things just in case you might need them someday. These important files should be digitally backed-up in case of disaster or misplacement. The most efficient way to accomplish this is to invest in a quick document scanner. A good scanner for the job could cost near \$150, but getting the weight of paper off your back will be worth it! You may also want to purchase an external hard drive to store your documents on, or upload them all to a trusted cloud network. If the document can be reprinted should it be needed, then throw it out after it's been backed up. The only documents you should really need to hold on to are those with a raised seal such as birth certificates, deeds, wills, etc. Go paperless, stay paperless. There you go, you're done with paper for good, right? Visit the websites of your banks, doctors, utilities, etc. and request to receive all bills and statements digitally. At the same time you will reducing energy usage from printing. Talk with your employer about going paperless to ensure that none of the paper from work comes home with you and to further reduce the environmental impact.

METRICS

PSC PROGRAM GOAL	PROJECT	RESULTS
Academic Infusion		
	Sustainability Guide (Winter, Spring, Fall)	3 versions, 4218 impressions
Workforce		
Community		
	Chino Hills Equestrian Center Earth Day Event	~100 people
	Lyle Center 25th Anniversary	~300 people
Outreach		
	Tabling Events	19 events, 1193 interactions
Actual Savings		
	Campus Conservation Nationals 2013	2,576 kWh 31,862 gallons of water \$307.00
Potential Savings		
	Number of Energy Audits	3
	Sustainability Pledges	32 pledges, ~\$800.00



CONTACT US!

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