

# Student Sustainability Program

## 2010 CA Higher Education Sustainability Conference

Dennis Elliot,  
Ravi Sahai, & Sarah Fleming  
Green Campus Program  
Cal Poly, San Luis Obispo



# Introduction: Who We Are

- Team of student interns overseen by the Alliance to Save Energy
- Funded by the ratepayers of California under the auspices of SCE, PG&E, and Sempra Energy



# Introduction: The Green Campus Program

- How Facilities started GCP
- Facilities focus-extension of Energy Manager
- Network building with Stakeholders
- Mentoring and professional development



# Student Outreach: First Year Experience



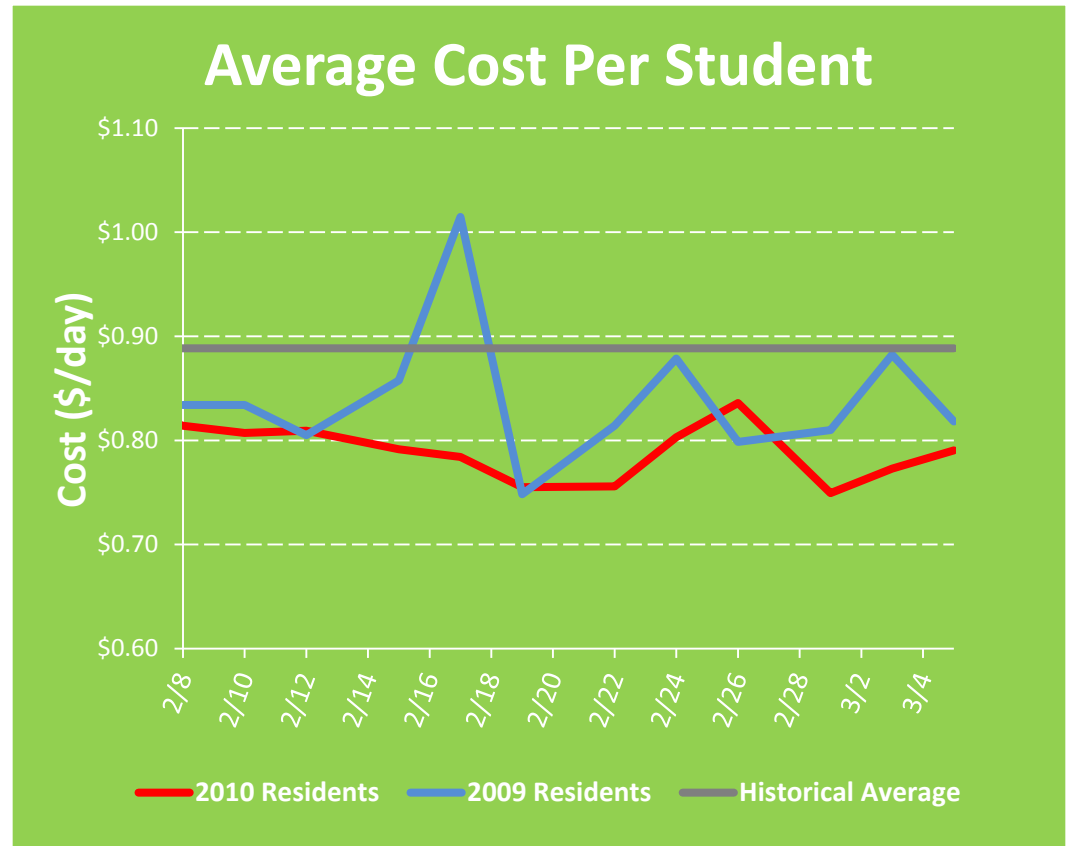
- Open House
- Student Orientation, Advising, and Registration (SOAR)
- Fall Launch
- Week of Welcome (WOW)

# Energy Competitions

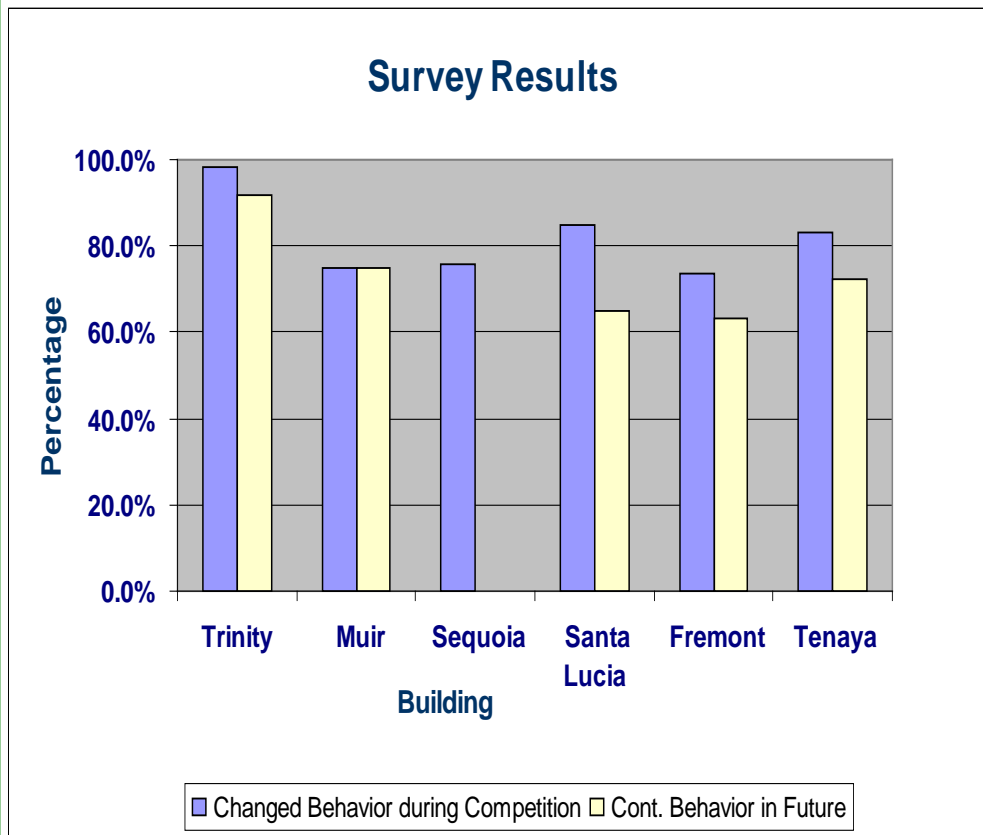
- 4,200 students
  - 15 buildings
  - 5 weeks
- **Total Savings:**
  - 223,000 gallons
  - 117,000 MBTU
  - 101,000 kWh



**\$15,083**



# Survey Results: Red Brick Energy Competition



- Surveyed by building (n=177)

- Did you change your behavior during competition?



**86%** yes

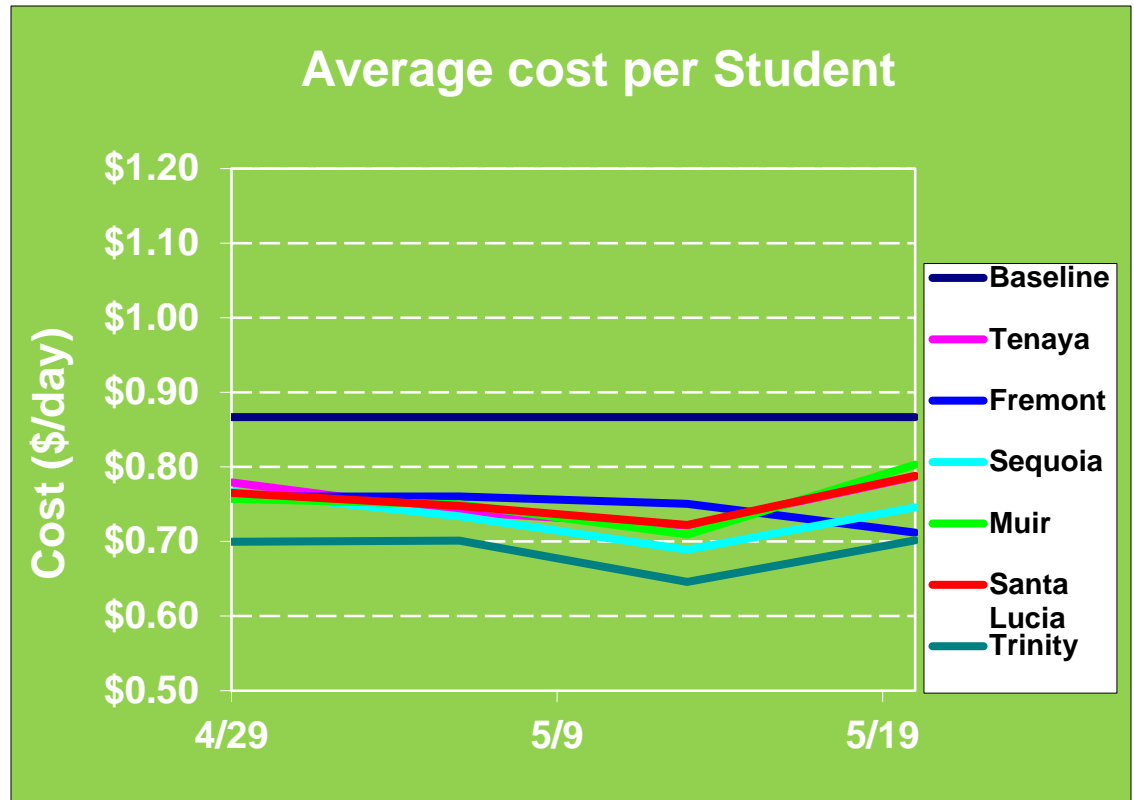
- Will you continue this behavior after competition?



**79%** yes

# Lasting Impact: Estimated Monthly Savings

- **28,000 kWh**
- **26,000 gal**
- **\$5,751**



# Green Workforce Development

## For-Credit Interns



### LEED Certification of Capital Projects

- Leed the way- take video off of youtube



### Green Campus Project Interns at Cal Poly Green Job Fair



# Green Workforce Development

- Green Job Fair
- “Green Campus Certified” employers

**Green Campus  
CERTIFIED**




**Employer**



# Marketing


**ENERGY SAVERS  
TURN IT OFF!**



**POLY CANYON VILLAGE  
ENERGY COMPETITION**

OCTOBER 12 - NOVEMBER 10

The Alliance to Save Energy's Green Campus Program is funded by the University of California under the auspices of U.C. P200, and various energy agencies.




**MUSTANG DAILY**  
CALIFORNIA POLYTECHNIC STATE UNIVERSITY

Thursday, January 24, 2010

**Students launch social network**  
Students can upload homework and tests on new publication

**New Web site to offer more than teacher ratings**  
Students can upload homework and tests on new publication

**Pin a proportion of students learning anyway they can... The only thing I get concerned about is cheating.**



**WATER SAVING  
FACTS + TIPS  
FOR SHOWERING**

from the GREEN CAMPUS PROGRAM



**TIPS**

- Take "nude" showers: turn off the water while soaping, shampooing, and shaving, then turn it back on to rinse off.
- Lower the temperature of the water.
- Take shorter showers: ring the length of one song and then get out.

**FACTS**

- A five minute shower uses more water than you drink in two weeks.
- If you're tempted to use the bath, a shower instead. Baths use four times more water than showers.
- A typical shower of 10 minutes uses 50 gallons of water.



**ENERGY SAVERS  
TURN IT OFF!**



**THE ALLIANCE TO SAVE ENERGY'S GREEN CAMPUS PROGRAM**

E-mail: [green@campus.calpoly.edu](mailto:green@campus.calpoly.edu) • Website: [green.campus.calpoly.edu](http://green.campus.calpoly.edu)



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**facebook**

# Marketing

**CAL POLY** Sustainability

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AFD Home

**Welcome to the Sustainability Website**

In April 2004, President Warren Baker signed the Talleroes Declaration, elevating Cal Poly's commitment to sustainability and environmental literacy in teaching, theory, and practice. Cal Poly has established itself as an award winning leader in sustainability in both academics and operations. The University's polytechnic programs, sustainability curriculum, hands-on 'learn by doing' philosophy, and outstanding faculty, staff, and students produce cutting edge research and sustainable solutions to real world problems. The student body is actively engaged in sustainability, having founded more than 50 sustainability focused clubs and organizations, and winning national recognition in sustainable design competitions and service learning projects. Sustainability is a driving force in campus planning and operations. The campus buildings, grounds, infrastructure, and land are used as a living laboratory to test, develop and implement new technologies and ideas. This website is intended to bring together information about the breadth of sustainability-related initiatives at Cal Poly.

**CAL POLY** Green Campus Program

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**AN ALLIANCE TO SAVE ENERGY PROGRAM**  
**green campus**  
EMPOWERING TOMORROW'S ENERGY EFFICIENCY LEADERS

ALLIANCE BY SAVE ENERGY EDISON Pacific Gas and Electric Company

**Cal Poly - Green Campus Program**

**Who We Are**  
We are a group of students who work to promote energy efficiency and environmental stewardship on the Cal Poly campus. Working with our campus and the Alliance to Save Energy, we find creative ways to conserve energy, save our campus money, and protect the environment.

Each year, we find new, creative, and fun ways to implement energy and water-saving projects on campus and get the students and staff involved. Check out our projects to see all the great things we have done and what's on the way!

The Alliance to Save Energy's Green Campus Program is funded by the ratepayers of California under the auspices of SCE, PG&E, and Sempra Energy.

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cpau/newsletters.asp AFD Homepage | Contact Us

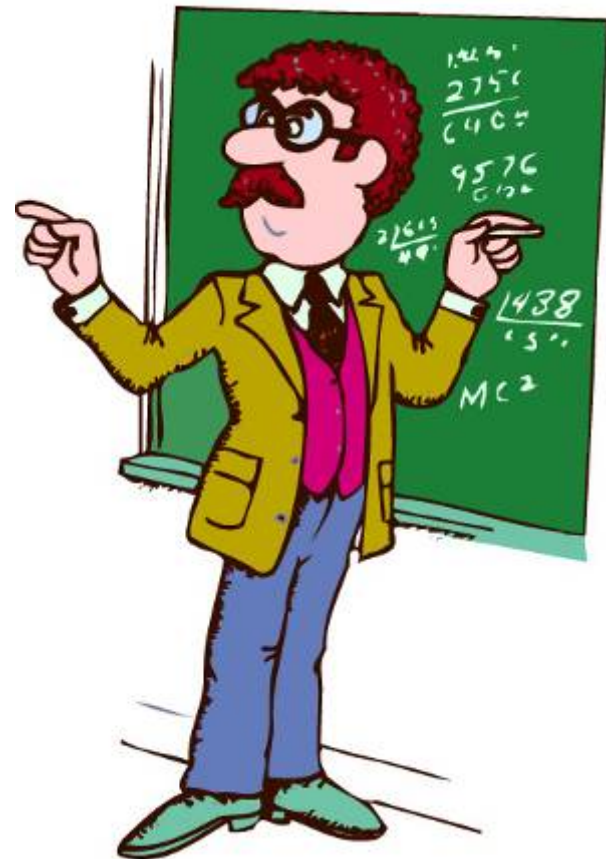
Cal Poly Sustainability & Green Campus Program Websites

# Networking on Campus



# Faculty and Staff Outreach

- Participation in Academic Senate Sustainability Committee
- Sustainability Advisory Committee
- Green Campus Workplace Certification
- For-Credit Intern faculty advisors

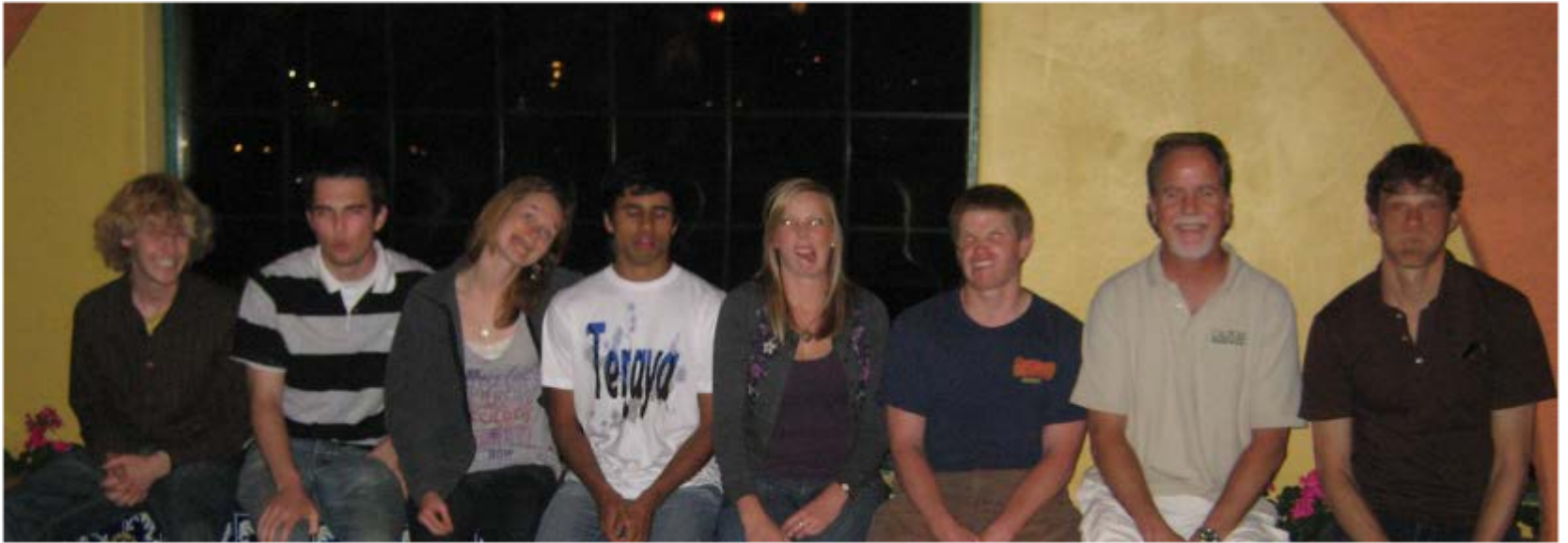




# Acknowledgements

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# Thank You!





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