



Quarterly Newsletter

Produced by Office of Sustainability Student Assistants

“Sustainability is in our Hands”

With rapidly growing numbers of students but fixed numbers of resources, sustainability is a very important topic. Whether it be water, electricity, paper, waste, food, transportation, our daily lives and necessities relate back to sustainability in one way or another. The Office of Sustainability has been supporting the endeavors of the Cal Poly Pomona campus in terms of their sustainability goals presented by the student body and University President. The 3 student assistants and supervisor (pictured below) have successfully implemented a number of programs and submitted 3 sustainability related funding proposals this Fall quarter which are highlighted in this newsletter. A common theme that has been seen in each of these projects is that “sustainability is in our hands”. To us, this means that our generation truly has a lasting impact on future generations, especially on the Cal Poly Pomona campus, when it comes to the discussion and action of sustainability. The projects highlighted in this newsletter is just the beginning of what the campus should expect to see from this team. Please enjoy this newsletter and feel free to leave any feedback or ask any questions with the contact information listed at the end of this newsletter. Enjoy!

Sincerely,

The Office of Sustainability Team



Left to Right: Jomel Bautista, Jermaine Baylark, Kimmia Naaseh, Monika Kamboures (Supervisor)



Inside this issue

Top 50 Green College.....	2
Bronco Energy Competition.....	2
Online Presence.....	3
Greenhouse Gas Inventory	4
The Green Initiative Fund.....	4
Campus Sustainability Booklet.....	4
Sustainability Course Guide	5
Greenovation Fund	5
Zero Impact Fund.....	6

Special points of interest

- CPP is #48 on the Princeton Review Green College List
- Online metrics show promising numbers
- Greenhouse Gas Inventory has been investigated
- New campus sustainability features pending approval

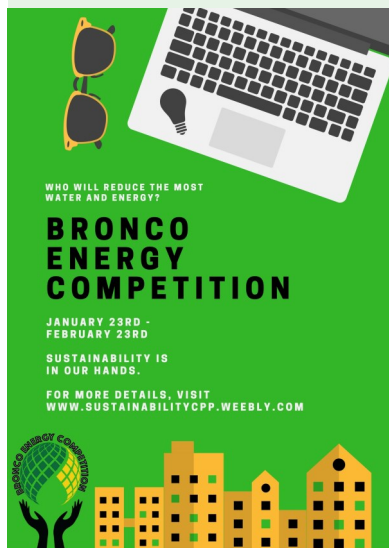


Top 50 Green College

Cal Poly Pomona made The Princeton Review's "Top 50 Green Colleges" list of the 2016 Green Colleges guide, coming in #48 on the list. The Princeton Review used data from its institutional survey and its surveys of students at the 361 colleges in the guide to tally the results of the ranking list. The survey data covered student rating of how sustainability issues impacted their education and life on campus for the better. It also included administration and student support for environmental aware-

ness and conservation efforts, as well as the visibility and impact of student environment groups. The press release and several social media posts were blasted by the student assistants and showcased to the student body. This post received a high volume of attention across the campus and was reposted by other departments on the campus. We hope to further improve our rankings and climb the list by the release of the 2017 list.

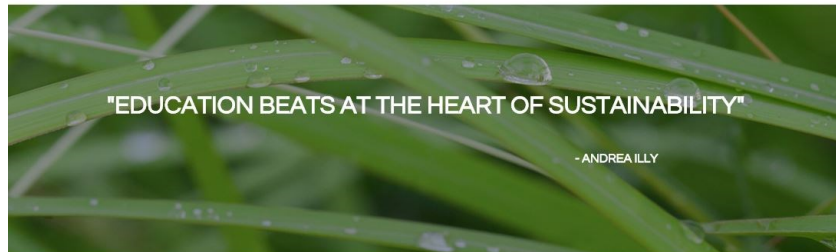
Cal Poly Pomona currently ranks #48 of 361 Universities on the 2016 Princeton Review Green Colleges Guide.



Bronco Energy Competition

This upcoming January to February, students in the residence halls will be battling it out to see which hall can reduce their energy and water consumption the most in the Bronco Energy Competition. The Bronco Energy Competition hopes to establish a common voice and motivate the hundreds of on-campus students to reduce their consumption and mitigate the impacts of climate change. The sustainability department will be partnering with university housing to provide a month long of fun sustainability driven programs and events for the participating students. Currently, the student assistants have given a kickoff presentation to the university housing staff and are now in phase of registering the halls for the competition. At the beginning of the winter quarter, the student assistants will be coordinating with the resident advisors to plan out specific events to occur during the competition window. Student assistants have also prepared the meter data analysis sheet which will help propagate results to the website for competition participants to see their progress.





Mission Statement

At the Sustainability Department at Cal Poly Pomona we hope to educate students, faculty, and staff about the various ways of embracing sustainability in their daily lives by incorporating them into the University's planning and policies, academics, operations, student activities, and community engagement.

TAKE THE SUSTAINABILITY PLEDGE



Screenshot of the Website homepage (top), Screenshot of #WaterWednesday (bottom)



Cal Poly Pomona Sustainability
Nov 2

#waterwednesday Use a refillable water bottle each day. This will cut down on the # of glasses to wash, and lower the amount of water used!

Online Presence

One of the primary focuses of this quarter was establishing an online presence for the sustainability department. Currently, the sustainability department has platforms including a website hosted by Weebly, Facebook, and Twitter. The main homepage of the sustainability department is available at <http://sustainabilitycpp.weebly.com/>. On this website, users are able to access announcements and current programs. This website is also the home of the famous sustainability pledge which allows students and faculty to take their first steps towards becoming a more sustainable. The student assistants have also been making use of their social media platforms. The Cal Poly Pomona sustainability Facebook page is home to fun posts and images from recent events. Check out any of these platforms to see what we are up to.

Every Wednesday, we post a #waterwednesday on both our Facebook and Twitter accounts. These posts generally consist of either facts about water, or ways that students can practice conserving water in their everyday lives. The purpose of these posts is to help the students understand why it is important to conserve water, and the strong impact that it has on the environment. Above there is an example of one of the posts that we have made in the past.

Online Metrics



FACEBOOK

61 Likes
60 Follows
146 Most Views
11 Fall Posts



TWITTER

40 Followers
81 Followings



WEEBLY

40 Monthly Views
7 New Pages



INSTAGRAM

Coming Winter 2017

Classroom Presentations

Classes and student organizations have been making use of the sustainability team. This past Fall quarter, the sustainability team was connected with an environmental engineering class to present what the campus does for sustainability. Other classes and professors are strongly encouraged to bring this presentation to their classroom in the future. Student groups are also welcomed to have the sustainability team present at their meetings. This past quarter, Engineers Without Borders of Cal Poly Pomona asked the team to host a workshop on filing a TGIF proposal. For setting up any presentations please see our contact information at the end of this newsletter.

Greenhouse Gas Inventory

In 2007, Cal Poly Pomona became a charter signatory of the President's Climate Commitment. The Commitment is an effort to address global warming by garnering institutional commitments to neutralize greenhouse gas emissions and promote the efforts of higher education towards making a change. As a part of the Commitment Cal Poly Pomona submits a Greenhouse Gas Inventory spreadsheet every year that tabulates information ranging from the percentage of students who don't carpool to school to the amount of synthetic fertilizer used on campus. This spreadsheet also serves as a

visual aid that helps the university see how it's either improving or not improving on emissions year to year.



Statistics are gathered from surveys

The Green Initiative Fund

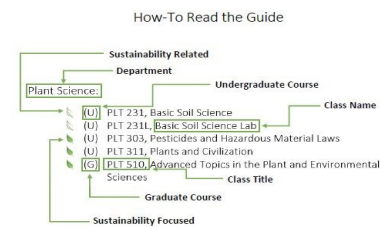
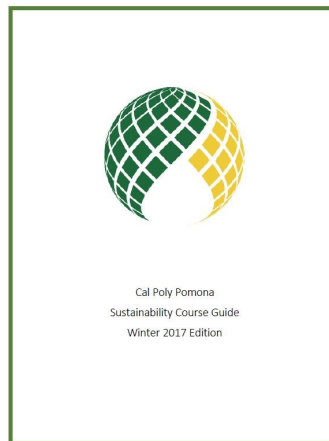
The Green Initiative Fund, otherwise known as TGIF, allows Cal Poly Pomona students to initiate their own sustainability and environmental projects on campus. Student assistants have been working with student groups to help propel their ideas to the next step. Some upcoming TGIF proposals students on the campus have been working on include projects regarding transportation, campus seating options, and water leakage. The next step for the upcoming Winter quarter is to help these student groups prepare for their presentation that they are expected to give to the Associated Students, Incorporated, sustainability chair.

Campus Sustainability Booklet

This newly implemented booklet contains information regarding the numerous ways that the campus has shown substantial sustainability efforts. The number one source of greenhouse gas emissions at Cal Poly Pomona is from transportation activities, most significantly from daily student, faculty, and staff commuting. The university is committed to reducing the number of cars arriving at campus each day as well as reducing the number of vehicle miles traveled. The booklet also highlights the different ways that the students practice sustainability. For example, the sustainability fashion show and the Bronco Energy Competition. Cal Poly Pomona is also the recipient of multiple awards regarding their outstanding sustainability on campus, including 6 LEED certified buildings. Ultimately, the booklet highlights how our campus conserves energy, water, and maintains waste.

Sustainability Course Guide

The Sustainability Course Guide is a resource for students to choose their coursework with sustainability topics in mind. The Course Guide will be released on a quarterly basis featuring courses from across the University that are either “Sustainability-Focused” or “Sustainability-Related”. Currently, the student assistants have created the Winter 2017 edition and will be preparing the Spring 2017 edition to be released to the student body prior to the registration period.



College of Agriculture

Agriculture:

- (U) AG 101, Agriculture and Modern World
- (U) AG 401, Ethical Issues in Food, Agriculture and Apparel Industries
- (U) AG 401H, Ethical Issues in Food, Agriculture and Apparel Industries Lab

Agribusiness Management:

- (U) ABM 313, Politics of Food and Agriculture

Animal and Veterinary Sciences:

- (U) AVS 112, Animal Science I – Food Animal Science
- (U) AVS 311, The Animal Industries and Society

Foods and Nutrition:

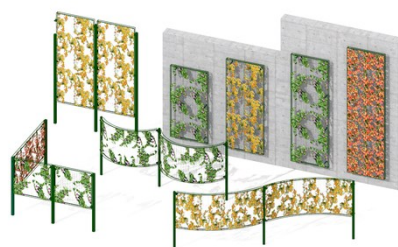
- (U) FN 228, Food and Culture

“It is a goal that this Greenovation will be a catalyst for environmental sustainability discussions on the growing Cal Poly Pomona Campus.”

Greenovation Fund: Greenovating the Garage

The Greenovation Fund is a micro grant program funded by the California State Student Association (CSSA) as a resource to fund student-led sustainability projects at CSU campuses. The goal of this fund is to empower students to lead sustainability related events, programs, initiatives, and projects. Students from the College of Engineering and several student organizations have teamed up with the sustainability student assistants to submit an application for funding that will help fund the design and the installation of GreenScreens on Parking Structure I. The name of the project is “Greenovating the Garage”. The GreenScreens are similar to green facades which will provide aesthetic appeal to the older parking garage. It is goal that the Greenovation will be

a catalyst for environmental sustainability discussions on the growing Cal Poly Pomona Campus. With the LEED Gold expected administration center being implemented directly across the garage, the GreenScreens will be a perfect compliment to the steps the campus is taking towards achieving their sustainability goals. If accepted, this Greenovation will take place in Summer 2017.



For more examples visit greenscreen.com



Our Goals

- Engage students, faculty, and staff in an ongoing dialogue , inquiry , and discovery of sustainable practices by way of curriculum, degree programs, and scholarly research.
- Integrate sustainable practices into all aspects of university planning and operations, with a focus on both present and future implications.
- Design, build, and operate a campus environment that minimizes its ecological footprint , thus contributing to the goal of climate neutrality.
- Participate in research initiatives and outreach activities that educate our communities, nourish our natural ecosystems, and enrich our cultural experiences.

Zero Impact Fund

The PepsiCo Recycling Zero Impact Fund was created to help individuals and organizations start an impactful sustainability program on campus. The fund grants the receiving university up to \$10,000 that will go towards funding environmental, economic, and/or social impacts that supports the campus' zero-impact journey. The student assistants submitted an application for Zon Solar Powered umbrellas that can convert solar energy to usable energy. These umbrellas will provide students with more areas for shade on campus while providing them to an area to charge up their electronic devices. This is a response to the highly congested areas where building provide shade (shown as red) and tables without umbrellas but with high exposure to direct sunlight (shown as yellow). The sample site is located in the College of Letters, Arts, & Social Sciences Department Courtyard. If accepted, the umbrellas will be implemented in Winter 2017.



Probable site location of the Zon Solar Umbrellas

Office of Sustainability

3801 West Temple Ave. #81
Pomona, CA 91768

Phone: (909) 869-6705
Email: mkamboures@cpp.edu
Website:
sustainabilitycpp.weebly.com

