

# AMERICAN SOCIETY OF CIVIL ENGINEERS CAL POLY POMONA STUDENT CHAPTER

SPRING 2014 NEWSLETTER

ISSUE 1



Geowall places 2nd in Nation

Members Enjoying PSWC

1st in Basketball at PSWC

## LETTER FROM THE PRESIDENT

What a year of accomplishments for the Cal Poly Pomona ASCE Student Chapter. It would not be possible without the hard work of the members, technical teams, civil engineering faculty, and ASCE officers. I feel extremely grateful to be President of such an impressive organization. Some notable achievements from this year include:

- Hosting over 200 students at our annual Civil Day outreach event.
- Reaching over 275 student chapter members.
- 2014 ASCE Los Angeles Section Outstanding Student Chapter.
- Concrete Canoe and Steel Bridge reached national competition.
- Geowall placed second in the nation at national competition.
- The Environmental team placed first at Pacific Southwest Conference.
- 2014 Pacific Southwest Conference overall champions.
- ASCE nationally recognized Dr. Seema Shah-Fairbank & Chandni Patel.

These are just a few of the great things our chapter as a whole has achieved. With an abundance of members this year, it has been a great challenge to try and serve every one of you. I encourage all members to continue increasing your involvement with the organization. There is no better time than now! Our student chapter is doing great things and I invite you to join in our development. The more you put in, the more you'll get out of it!

As the year comes to a close, I would like to thank all of those in the civil engineering department. It has been quite a ride and I have enjoyed every second of it. The relationships I formed this year are second to none. Elections are just around the quarter, but the year isn't over yet. There are still plenty of events this quarter and lots of work to be done. I will truly cherish this final quarter as President of the Cal Poly Pomona ASCE Student Chapter, and I hope this year was as extraordinary for you as it was for me. I know our organization will be in good hands next year and I can't wait to see what's in store!

Sincerely,

Alan Huynh  
CPP ASCE President

## Upcoming Events

4/25 Prado & Seven Oaks

Dam

4/26 Faculty vs. Student

Soccer Game

4/28 Appointed Officer

Applications Due

5/2 Order of the Engineer

5/2 ARTIC Project

5/3 San Dimas Family Garden

5/10 CE Department Banquet

5/24 Habitat for Humanity

6/5 Final General Meeting

## In This Issue

CPP Places 1st at PSWC  
2014

LA YMF Outstanding  
Student Chapter

Order of the Engineer

Upcoming Technical Tours:  
Seven Oaks and Prado  
Dams & ARTIC Project

2014 Officer Elections



Concrete Canoe (left) and Steel Bridge (right) will advance to National Competition after a successful run at PSWC 2014

## CPP Places 1st at PSWC 2014

Pacific Southwest Conference (PSWC) is an annual student-run conference held in the Pacific Southwest United States. There are eighteen universities that participate in PSWC ranging from California, Nevada, Arizona, and Hawaii.

Each year, one of these eighteen schools will host this conference and put together many different events and competitions. These events are grouped into technical, team-building/social, and sports. Many of these events put knowledge that a student learned in the classroom into action, for example with Concrete Canoe, Steel Bridge, Geowall, Surveying, etc.

PSWC is also a qualifier for Concrete Canoe and Steel Bridge to go to Nationals. Whoever places first and second at PSWC in these competitions moves on to the National competition and competes with schools across the United States.

### 1st Place

*California State Polytechnic University, Pomona*

### 2nd Place

*California State Polytechnic University, San Luis Obispo*

### 3rd Place

*University of Southern California*

## LA YMF Outstanding Student Chapter

The ASCE Los Angeles Younger Member Forum hosted their 15th Annual Student Night and Job Fair on March 7th, 2014 at the Doubletree by Hilton Hotel in Downtown Los Angeles. Over 62 Cal Poly Pomona civil engineering students attended.

The event consisted of a three-hour job fair with 15 engineering companies and agencies in attendance. Following the job fair was an awards dinner with guest speakers from various levels of ASCE. The awards ceremony was very eventful for the Cal Poly Pomona ASCE Student Chapter. The Student Chapter President, Alan Huynh, was awarded the Philip Abrams Scholarship and the Cal Poly Pomona ASCE Student Chapter was given the 2014 LA YMF Outstanding Student Chapter award! This was the second year in a row Cal Poly Pomona won this award.



Officers and Members share a smile with the trophy

## CO-EVENT CHAIR

### JENNA DWYER

"PSWC has always been a special conference to me on a personal level. I've attended this conference since my freshman year at Cal Poly Pomona (CPP) and each year I went, the more I got out of it. Each year I got involved with more events, which allowed me to meet new people and create many new long-lasting friendships. I was ecstatic when I was accepted for the Co-Conference Chair position in ASCE. This really allowed me to become immersed in PSWC and put everything I have into it. I am very proud that CPP was able to take first place and very thankful to all the people who made this possible."

The American Society of Civil Engineers Student Chapter of Cal Poly Pomona would like to thank its member for all their hard work and proving the university's excellence in displaying the application of classroom knowledge to hands-on competition every year at PSWC. We look forward to next year!



## Upcoming Order of the Engineer

The Order of the Engineer was initiated in the United States to foster a spirit of pride and responsibility in the engineering profession, to bridge the gap between training and experience, and to present to the public a visible symbol identifying the engineer. Participants take the Obligation of the Engineer and wear a steel ring as a reminder of their commitment to high ethics and professionalism.

An upcoming Order of the Engineer Ring Ceremony will take place at Cal Poly Pomona on May 2nd, 2014 from 2:00 PM to 5:00 PM in the Bronco Student Center (Centaurus Theater). Participants of this event will be required to register and must pay a fee:

**\$15**  
*CPP Student  
& Faculty*

**\$20**  
*ASCE Members*

**\$25**  
*Non-ASCE Members*

**Free**  
*Guests or Non-  
Eligible Students*

The American Society of Civil Engineer Student Chapter of Cal Poly Pomona will release more information and registration details as the event draws closer. This is a great opportunity for students of the Civil Engineering department to advance their journey as a Civil Engineer.



Aerial Shot of the Seven Oaks and Prado Dams (left) and the ARTIC project (right)

## Upcoming Technical Tours

Prado Dam was originally completed by the US Army Corps of Engineers in 1941. Modifications to the dam which included raising of the embankment to improve storage and reconstruction of the outlet works to improve discharge capacity were completed by the Corps in 2008 at an approximate cost of \$ 75 Million. Prado Dam is currently operated and maintained by the Corps.

**Seven Oaks and Prado Dams**  
**Friday, April 25th 9:00 AM to 3:30 PM**

**ARTIC Project**  
**Friday, May 2nd 9:00 AM to 11:00 AM**

Register now at  
[www.cppasce.com/technical-tours.html](http://www.cppasce.com/technical-tours.html)

Seven Oaks Dam, located some 35 miles upstream, works in tandem with the Prado Dam to help control storm flows in the upper Santa Ana River watershed. Seven Oaks was completed by the Corps in 1999 at an approximate cost of \$530 Million, and was turned over to the three local project sponsors in 2002 for operation and maintenance. The Santa Ana River Engineering Unit of OC Public Works is responsible for performing reservoir regulation duties for the dam.

ARTIC is scheduled to open at the end of this year and will serve as both an iconic landmark and a transportation hub for Orange County and the local region. On opening day, ARTIC services will include: Metrolink, Amtrak, OCTA bus, Anaheim Resort Transportation, shuttles, taxis, and tour and charter buses. ARTIC will also accommodate future plans for the Anaheim Rapid Connection (ARC) and high-speed trains.

## New Officer Elections

The ASCE Student Chapter is looking for next year's appointed board. If you have any interest in becoming an officer, please follow the procedures in the attachment and apply! Elected positions must also fill out the application, but the essay is not required.

All interested students (elected and appointed) who are planning on running must submit a copy of his or her transcript to Dr. Fairbank electronically or in person before Tuesday, April 22nd at noon. Student members have been nominated for elected positions in this Thursday's meeting. If any member is still interested in an elected position, please send an email to the chapter's secretary Jacob Johnson, [jacobjohnson@csupomona.edu](mailto:jacobjohnson@csupomona.edu) (subject line "ASCE Nominations").

## Elected Positions

**President**  
**Vice President Internal**  
**Vice President External**  
**Treasurer**  
**Secretary**

## Appointed Positions

**Events Chair(s)**  
**Membership Chair**  
**Internal Fundraising Chair**  
**External Fundraising Chair**  
**Community Chair(s)**  
**Conference Chair(s)**  
**Publicity Chair**  
**Engineering Council Representative**

Officer Application available at  
<http://www.cppasce.com/announcements.html>

## Our Goals

Your support could directly help develop the Cal Poly Pomona American Society of Civil Engineers Student Chapter in many ways. This year we are striving to:

- Develop more members into leaders by sending more of them to WSCL
- Increase the quantity of community service events per academic year
- Create new annual events that benefit the local community
- Place 1st overall at the 2015 Pacific Southwest Conference and have both our Steel Bridge and Concrete Canoe team qualify for Nationals
- Increase membership to over 250 students
- Collaborate and attend more ASCE Young Member Forum, Branch, and Section level events
- Increase collaboration with and support of other technical organizations on campus
- Become the best ASCE Student Chapter in the nation and win the Robert Ridgway Student Chapter Award

Thank you to our sponsors!

## Contact Us

For information regarding sponsorship of the Cal Poly Pomona Student Chapter, please contact our External Fundraising Chair, Dominic Stone at [dstone@csupomona.edu](mailto:dstone@csupomona.edu)

## Join Us

For information on joining the Cal Poly Pomona Student Chapter, please contact our Membership Chair, Kalvin Lam, at [kklam@csupomona.edu](mailto:kklam@csupomona.edu) or follow the given link below to our membership page at <http://www.cppasce.com/membership.html>.



# Kiewit

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