ASCE UCD encourages engagement within the ASCE chapter through community outreach and working closely with engineering professionals. The chapter strives to foster academic growth and to provide an impact to the student ASCE community across the western region through innovative projects, competitions, and forums.

Table of Contents:

1) Civil Engineering Career Fair
2) E-Week Puppy Love
3) WSCL
4) Internship Panel
5) Concrete Canoe
6) Social Events
7) Environmental Project

1) Civil Engineering Career Fair

ASCE’s second annual Civil Engineering Career Fair was held on February 23, 2017 with 19 companies present. These diverse firms spanned five civil engineering emphases from structural to water resources. There was a total of 156 attendees including lower classmen, upperclassmen, graduate students, and alumni. Our event was a huge success in which our members were able to benefit through networking, interview experiences, internships and some were even offered jobs after graduation. Many companies stated that the career fair went above and beyond their expectations. This event’s prosperity could not have been without the help of the ACSE board.

2) E-Week Puppy Love

ASCE worked closely with the Engineering Joint Council to plan and organize Engineering Week (E-Week) on campus. One of our contributions to E-Week was organizing a relaxing event for engineering students. ASCE coordinated with Yolo County SPCA to bring puppies and dogs for students to pet and play with. “Puppy Love” was one of the most successful events in E-Week in terms of attendance. The event attracted from 150 to 200 students. Students were very happy with the event, and we plan to host it annually for E-Week.
3) WSCL

This year, six ASCE board members attended the Workshop for Student Chapter Leaders (WSCL) in Los Angeles. During this workshop board members were able to meet other ASCE professionals and student leaders. Our chapter’s relationship with the Sacramento Section and Younger Member’s Forum was strengthened. It was also fascinating to learn about how different chapters are organized. Additionally, attendees gained a better understanding of ASCE’s mission and reenergized their involvement with the chapter. Our board was excited to apply all that they had learned to the UC Davis chapter!

4) Internship Panel

ASCE joined forces with Chi Epsilon to host an internship panel where members could learn about their peers' internship experiences in a variety of disciplines. Presenters reflected on their experiences and lessons learned at the following companies: Caltrans, Langan, Swinerton Builders, Carlson Barbee & Gibson, Cal EPA, and SHN Engineering and Geologists. We are pleased to say attendance this year increased from last year's internship panel!

5) Concrete Canoe

Concrete Canoe is working hard to produce a canoe that exhibits quality engineering design. The team has been focusing on how to integrate pigmented concrete into the design. Some of the innovations for this include designing and implementing custom “cookie cutter” inserts to create various shapes in the boat and creating a green gradient of concrete on the outer surface of the canoe. The team has also been working hard to re-engineer the concrete mix. Students concluded that using pumice as a substitute for a fraction of the glass poravers resulted in a stronger mix. Overall, as members work hard to put the finishing touches on the canoe, Concrete Canoe is preparing for a successful and rewarding MidPac competition.
6) Social Events

Social events are a great way to get a break from our academic life, be active, and socialize with our fellow ASCE members. They give students opportunities to network and build relationships with their civil engineering classmates while enjoying fun activities. During Winter Quarter, we held Disco Skate Night, a movie night, and a cabin trip to South Lake Tahoe! We try to have different variety of social activities to engage all members. Attending these social events helps students to get out of their comfort zone and practice developing their communication skills.

7) Environmental Project

In the past quarter, the Environmental Project Team has been designing and developing a water filter for the upcoming ASCE MidPac competition. The project has always been challenging and requires a solid understanding of chemistry and water treatment processes. By assigning different research tasks to individuals, members gradually learned the necessary knowledge for this project. As of now, our team has completed the technical paper and is preparing for the presentation. We are excited for MidPac 2017!