ASCE UCD encourages engagement within the ASCE chapter by 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.

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1) Civil Connections

ASCE initiated a new event series this quarter that aims to improve collaboration between project teams and open up more opportunities to members to explore the different disciplines within civil engineering. "Civil Connections" will be hosted 1-2 times a quarter, and members from all project teams will be invited to attend to work towards a shared goal. For the first Civil Connections event, on February 25th, ASCE planned a barbecue and a jeopardy game related to all the project teams under ASCE. Everyone who came participated in the game and the winning team won Starbucks gift cards!

2) Workshop For Student Chapter Leaders

The Workshop for Student Chapter Leaders or WSCL was a great conference overall and our members learned so much! On January 21st, our chapter had six ASCE board members representing UC Davis. We had an opportunity to learn and share with each other skills and information to better lead our campus board and student members. It was a great way to meet and network with other Civil Engineering students and professionals.
3) Community Outreach
This past quarter, on February 5th, ASCE visited a Douglass Middle School in Woodland for an outreach event to talk to a class of 8th-graders about civil engineering. The students were very receptive and eager to learn about the various disciplines within civil engineering, and impressed the ASCE officers with their intelligence and knowledge of science and engineering. At the end of the event, after learning about civil engineering and making and playing with oobleck, more than half of the class showed interest in studying engineering. This was the first of many fun outreach events and ASCE is excited

4) Mentorship Program
On January 20th, at the first event for the UCD ASCE and Sacramento YMF mentorship program, mentors from YMF and students in ASCE met to eat pizza, get to know each other, set goals, and create a plan for their aspirations. Mentors reviewed resumes, talked about their experience in civil engineering, and gave advice and insight into a professional career in the civil engineering field. Throughout the year, mentors and mentees will be in contact about students’ progress in school, available internships/jobs, and the next steps to take towards graduation and a successful career in civil engineering.

5) Steel Bridge
As the annual Mid-Pac conference nears, the steel bridge team is finalizing their fabrication schedule and collaborating with the staff in the Engineering Fabrication Lab (EFL). Though heavier than the previous year’s bridge, the final design this year prioritizes minimizing deflection and sway. General meetings will continue to be held every Saturday at 10am in Bainer 1205 and a handful of members will remain in Davis over Spring break to finalize fabrication and work on construction.
6) Concrete Canoe

This past Winter quarter, Concrete Canoe had their pour day where the construction of the mold for the canoe was made. The rest of the quarter was used to design the boat and sand it accordingly to prepare it for the Mid-Pac competition in April. Captains also worked on the design report portion of the project. We saw a lot of students come out to help on both pour days and they were both a great success! The team made a “Roman” design this year for the canoe and came up with the name “Romentum”. The project team is very excited to represent UC Davis this year and improve from the 4th place ranking from last years Mid-Pac competition!

7) Geowall Project

UC Davis was well-represented at the Geo-Institute’s National GeoWall competition at IFCEE! Members Brad Rousseau, Aliya Karimi, Hesam Nabi, and Jordan Dawson competed against 15 other schools in designing a retaining wall using only craft paper. The design report of the team was ranked among the top reports of the competition, for which the members received a prize. Overall it was great hands-on experience for the team, especially in preparation for the Mid-Pac competition in spring quarter.