

## Civil & Environmental Engineering (CEE) events at Cal Day

### ONGOING DROP-IN EVENTS & OPEN LABS

- 9:00–3:00, *Information Table*.** Ask questions of faculty, staff, and students; take a building or lab tour.  
Location: Outdoor plaza east of McLaughlin Hall
- 10:00–11:30 and 1:30–3:00, *Undergraduate Research Poster Session*.** Come hear about students' research results with some of our many undergraduate student researchers. Speak with students casually at their research summary posters.  
Location: 7<sup>th</sup> Floor Atrium, Davis Hall
- 10:00–3:00, *CEE Competition Team Demonstrations*.** Come see what our students do when they are out of class. Meet members from our Concrete Canoe team (yes it floats), Engineers Without Borders, Enviro/Water Purification team, Seismic Design team, and the World Champion Steel Bridge team!  
Two locations: The outdoor plaza east of McLaughlin Hall and the Structural Engineering Lab on the Second Floor of Davis Hall
- 1:30–3:00, *Go With the Flow – Fluid Motion in CEE*.** Come see a variety of water flow technologies that Civil & Environmental engineers master in their 3<sup>rd</sup> year course, using CEE's unique transparent fluid education station.  
Location: 110 O'Brien
- 1:30–3:00, *Traffic in the Sky - Quadcopter Navigation Demo*.** Come fly an unmanned aerial vehicle! Professor Raja Sengupta's research group created a real-time tracking system for these UAV's, in which the vehicle navigates by interacting with an onboard camera. Test it yourself and talk to students about the research behind this technology.  
Location: 3<sup>rd</sup> Floor Terrace of Davis Hall (above Bechtel Engineering Center)
- 1:30–3:00, *Build a Tower & Seismically Shake it!*** Design and build structure to resist a major earthquake! Learn about the important building components that engineers use to help buildings safely resist earthquake shaking. Once your structure is complete, you can test it on an earthquake simulator. Will it stand or fall?  
Location: Structural Engineering Lab on the Second Floor of Davis Hall
- 1:30–3:00, *Solid as a Rock - Concrete Lab*.** What is the difference between cement and concrete? Come find out and get a chance to mix flowable concrete samples to take home with you.  
Location: Structural Engineering Lab on the Second Floor of Davis Hall

### SCHEDULED SPECIAL EVENTS

- 11:00–12:00, *Meet the Department Chair and Students, with Professor & Chair Samer Madanat*.**  
The Department Chair and a panel of CEE students will discuss how we help students learn & thrive in CEE at Berkeley. Ask your questions & learn more about us.  
Location: 502 Davis Hall
- 1:30–2:00, *California's Urban Water Future, with Professor David Sedlak*.**  
California is facing a severe drought. As we debate the best steps for coping with our current water shortfall, we need to consider the development of urban water systems and new technologies that can improve their performance. We will discuss the three previous revolutions that produced our current water system and the upcoming fourth revolution that may change everything.  
Location: 406 Davis Hall
- 2:15–3:00, *Skyscrapers & Suspension Bridges, Marvels of Engineering, with Professor Hassan Astaneh***  
How tall can we go? How much pressure will a steel column withstand before it buckles? See for yourself as an undergraduate researcher demonstrates their research techniques on a stressed steel column. Location: 502 Davis Hall
- 3:15–4:00, *Life in CEE: A Student Perspective & Picnic, with undergraduate honor students*.**  
Join us for light refreshments while students answer questions and give tips about life at Berkeley.  
Location: Outdoor plaza east of McLaughlin Hall

See [calday.berkeley.edu](http://calday.berkeley.edu) for full info