

ONGOING DROP-IN EVENTS & OPEN LABS

- 9:00–3:00, Information Table.** *Outdoor plaza outside of Davis Hall*
Ask questions of faculty, staff, and students; take a building & lab tour.
- 10:00–11:30 and 1:30–3:00, Undergraduate Research Poster Session.** *O'Brien Breezeway*
Investigate undergraduate research and speak to the student researchers in this casual poster setting.
- 10:00–11:30 and 1:30–3:00, CEE Competition Team Demonstrations.** *Various locations*
Come and talk to members of our Competition Teams and watch demonstrations of student activities such as assembling the steel bridge in record time or discussion of how concrete floats.
- 10:00–11:30 Water Treatment, Concrete Canoe and GEO Wall** *3rd Floor Davis Hall Terrace*
1:30 - 3:00 Steel Bridge Team and Seismic Design Team *Structures Lab-2nd Floor-Davis Hall*
- 10:00–11:30, Scooting Around?- Do it electrically!** *3rd Floor Davis Hall Terrace*
Learn from Professor Moura about the interface between energy, transportation and vehicle-to-grid systems. Come and see Smart Electrical Scooters currently being designed and tested by our students
- 10:00–11:30, The Future- in Motion!** *Plaza behind McLaughlin Hall*
Come and see about new innovations in the field of sustainable urban transportation. Check out a hydrogen vehicle and an electric bicycle on display and learn about their applications to sustainable mobility.
- 1:30–3:00, Go With the Flow – Fluid Motion in CEE.** *110 O'Brien Hall*
Learn about water flow technologies that Civil & Environmental engineers master using CEE's unique transparent fluid education station.
- 1:30–3:00, Carbon Dioxide (CO₂), Combustion and You** *212 O'Brien Hall*
Learn about CO₂ and its impact on climate change. Stop by this exhibit and use an analyzer to measure the concentration of CO₂ emitted by a candle and in your own breath
- 1:30–3:00, Traffic in the Sky – Smart Drones** *3rd Floor Davis Hall Terrace*
Fly an unmanned aerial vehicle (UAV)! These vehicles navigate by interacting with an onboard camera. Test it yourself and talk to students and Professor Sengupta about the research behind this technology.
- 1:30–3:00, Shake it to the Core!** *Structures Lab-2nd Floor-Davis Hall*
Design and build a tower to resist a major earthquake! Once your structure is complete, you can test it on an earthquake simulator. Can your tower make it?
- 1:30–3:00, Virtual Bridge?** *Structures Lab-2nd Floor-Davis Hall*
Watch as we use a laser scanner to scan the Steel Bridge built by our student Competition Team and digitally reconstruct the bridge and obtain an accurate 3D representation.
- 1:30–3:00, It's a concrete world after all!** *Concrete Lab- 2nd Floor of Davis Hall*
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. Warning: creativity and imagination may be required.

SCHEDULED SPECIAL EVENTS

- 11:00–12:00, Meet the Department Chair and Berkeley CEE Alumni** *502 Davis Hall*
The Department Chair, Professor Samer Madanat, and a panel of alumni will discuss how we help students learn & thrive in CEE at Berkeley. Learn more about what it is like to be a student in CEE at Berkeley.
- 12:00 – 1:00, BBQ Lunch on the Lawn** *McLaughlin Lawn*
All prospective CEE students and their families are invited to enjoy lunch with faculty, students and staff of the department; chat with us about life in CEE and enjoy photo-ops with our bears.
- 1:00–1:30, Stressed Out?- Share it with a Steel Column** *502 Davis Hall*
How much pressure will a steel column withstand before it buckles? See for yourself as Professor Astaneh demonstrates research techniques on a stressed steel column. Even steel columns buckle under stress.
- 1:30–2:15, Movable Buildings and the Sky is the limit.** *502 Davis Hall*
A moving Stadium? A mile high tower? Enjoy a presentation from Professor Jack Moehle on the seismic retrofit of our own Stadium to allow ground movement along the Hayward fault and his thoughts on the seismic design of Tall Buildings.