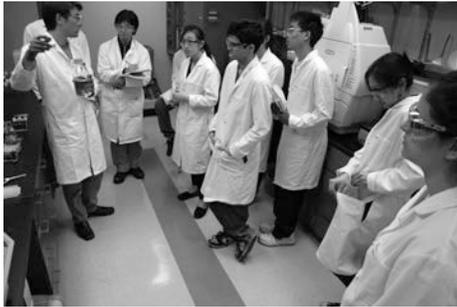


Center for Teaching, Learning, & Outreach

<http://teachlearn.caltech.edu> | ctlo@caltech.edu | 626-395-8427



The Center for Teaching, Learning, & Outreach supports Caltech's multifaceted educational efforts, including undergraduate and graduate courses and curricula, formal and informal learning, and partnerships with K-12 teachers and students. For example:

Instructor Support:

Effective course design & teaching methods for faculty, TAs, and others:

- **Workshops and Seminars:** One-time experiences on educational topics of interest, from effective practices to new technologies.
- **Faculty Cohorts:** Workshops for new instructors and professorial faculty; gatherings of faculty teaching in key curricular areas; division updates.
- **Teaching Assistants:** TA orientation; practice teaching by course or discipline; Head TA Network.
- **Consultations:** Individualized support for innovative projects, MOOCs, teaching questions, and more.
- **Feedback:** Class observations, including video and/or photos; mid-quarter feedback surveys and focus groups.

Student Learning:

Opportunities for students to grow as teachers, mentors, and leaders:

- **Course Ombuds:** Training for students who serve as liaisons between students and faculty in many core and other courses.
- **Future Faculty:** Academic development for those pursuing or exploring faculty positions and teaching, including the graduate-level *Certificate of Interest in University Teaching*.
- **Course:** E110, Principles of University Teaching and Learning in STEM: a 2-unit course for grads and undergrads.
- **Workgroups:** Topic-focused communities including students, faculty, and staff working on projects and learning together (e.g., WEST, the Workgroup on Educ. Science & Technology).

Educational Outreach:

Support for Caltech's K-12 educational outreach in Pasadena and Greater LA:

- **Coaching:** Learn how to present and teach to a wide variety of audiences, including the general public, school-age children, and pre-college students.
- **Fieldtrips:** Host K-12 students and teachers on campus for tours, camps, films, lectures, competitions and research projects.
- **School Visits:** Work with teachers to develop and conduct lessons, demos, and presentations tied to curriculum units.
- **Proposals:** Consult on new programs and proposals, including best practices for broader impacts and assessment.

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