



**We are seeking Cal Teach students to participate in the
2009 COSMOS/Cal Teach Cluster Assistant Program**

Dates: July 5 – August 1, 2009

Location: UC San Diego

Stipend: up to \$2,000

This program will provide a chance for Cal Teach undergraduates to work intensively in a team environment for one month in COSMOS, a four-week intensive science, math, and engineering summer residential program for high school students. <http://cosmos.ucsd.edu> Your team will be comprised of the cluster (course topic) instructors, another cluster assistant (usually a graduate student), and a high school teacher for the cluster (Teacher Fellow). The cluster assistants help the students with their labs and team projects. **The Cal Teach Cluster Assistants, in addition, will work with the Teacher Fellows on conducting the Scientific Communication Course and produce lesson plans based on the cluster materials and the Scientific Communication curriculum. For a total of 120 hours and \$2,000, they are expected to work 28 hours a week for 4 weeks plus 8 hours of becoming familiarized with the labs before the program starts.**

This internship is a special opportunity for Cal Teach students. The Cal Teach Cluster Assistants, who will be teaching STEM (Science, Technology, Engineering, Math) in K-12 settings, will

- Gain first-hand experience in conducting hands-on, inquiry-based learning
- Be mentored in scientific communication curriculum for their future teaching careers
- Gain experience in mentoring high school students on their labs and projects

Three Cal Teach Cluster Assistants will be selected. Two weeks before COSMOS starts, they should become familiarized with the labs in the cluster for which they are selected.

To be eligible to apply, interested Cal Teach undergraduates must be working towards a STEM major, have completed an Education Studies course that includes a field placement, and be planning a K-12 teaching career. If you are interested in participating, please visit the COSMOS website (<http://cosmos.ucsd.edu/teachers/calteach.shtml>) to determine which two course clusters you would like to work in (in order of preference), fill out and submit an application form before **March 31st**. The three UCSD Cal Teach interns selected will be notified before May 1st.

Interested? Contact **Sherry Seethaler, UCSD Cal Teach:** sseethaler@ucsd.edu, (858)534-4656
Becky Hames, UCSD COSMOS: cosmos@ucsd.edu, (858) 534-4317

The eight course clusters at UCSD COSMOS (<http://cosmos.ucsd.edu>) are:

1. Computers in Everyday Life
2. Engineering Design & Control of Kinetic Sculptures
3. Living Oceans & Global Climate Change
4. Earthquakes in Action
5. Bright Ideas: Light at Work
6. Exploring the Cosmos
7. Biological Motivations for Tensegrity Structures
8. Molecular Biology Revolution