

The School for Scientific Thought

Description: The School for Scientific Thought (SST) aims to provide UCSB science and engineering graduate students the opportunity to design and teach a five-session course, on a topic of their choice, for an audience of local and regional high school students. The SST is designed to benefit high school students and teachers, graduate students, faculty mentors, the local technical industry, and the national state of science as a whole.

Activities: Following the application and submission of a course proposal, graduate students selected to teach in the program will meet in June for a faculty panel offering graduates insight into designing and implementing a new science course. Graduates will then use July, 2009 for designing their course curriculum with guidance from a faculty mentor. In mid-August, 2009, graduates will engage in a three-day training workshop structured to support and refine their upcoming work with high school students. In addition to course refinement and pedagogy, graduates will create a short “teaser” presentation that they will provide at local schools as a recruitment tool for the SST. Graduate students will teach their course (can include lab) in the morning (10:30 am-12:30pm) in *either* Fall, 2009 *or* Winter, 2010 over five Saturdays (dates to be determined). During these five weeks, graduates will have the option to attend lunches and afternoon activities hosted by UCSB undergraduates, UCSB groups and offices, or local industry representatives.

Mandatory Calendar

- Orientation meeting (3 hours) late June, exact date and time will be announced soon.
- At least two meetings with at faculty at UCSB (can be your research advisor) to review your course design before summer training session.
- Either: Summer training session (8/10, 8/11 and 8/13, 10am to 3pm) for Fall or Winter courses or Fall training session in December (with dates to be announced) for Winter courses. Training session will build on our course design.
- SST fellows are required to participate in outreach and recruiting events in late August and September or in October and November, totaling roughly 10 hours.
- Teaching SST course over five consecutive Saturdays in either Fall or Winter quarter, 2009-2010

Nuts and Bolts:

- Applications are due May 15, 2009.
- Letter of recommendation from your research advisor is due May 15, 2009.
- Based on the application and letter of recommendation, graduate students will be invited for an interview. All applicants will be notified by June 15 as to their status.
- Partial Fellowships will be awarded at the level of **\$4000** for full completion of the program or **\$2000** per student if you share course design and teaching. All students must attend the training.

Applications available at www.leaps.ucsb.edu