Save the Dates

Cal Teachers Meet-up
for graduates and host teachers
Thursday, October 3, 5-6:30 pm
@ Seabright Brewery

Teacher Panel & Cal Teach Party
for prospective, new and continuing interns
Thursday, October 10, 5-7 pm
@ JEB 160

Information Panels
for prospective interns
Wednesday, October 16, 5:00 pm
Monday, November 4, 3:30 pm
@ JEB 173

Winter Application Deadline (CaT1, CaT2)
for prospective, continuing interns
Wednesday, November 13

CBEST/CSET Exam Dates*
November 2, 2013, January 11, 2014,
March 8, 2014, May 3, 2014

*Note: UC deadlines are typically much earlier than CSU deadlines.

Attention Seniors!

MA/Credential Program Deadlines

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<th>Institution</th>
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<tr>
<td>UCSC</td>
<td>MA/Credential Program</td>
<td>Jan 15, 2014</td>
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<td>UCB</td>
<td>Masters and Credential in Science and Mathematics Education (MACSME)</td>
<td>Dec 1, 2013</td>
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<td>SFSU</td>
<td>Single Subject Credential Program</td>
<td>Feb 15, 2014</td>
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<td>UCLA</td>
<td>Teacher Education Program (TED)</td>
<td>Jan 6, 2014</td>
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Credential Information Night
Come learn about applying to California credential programs: deadlines, requirements, testing, letters of recommendation, assembling an effective application, and FREE PIZZA!

**November 7, 2013, 6:30-7:30pm @ JEB 160**
RSVP appreciated to calteach@ucsc.edu or 831-459-2226.

Cal Teach Scholarships
Cal Teach students who are considering UCSC’s MA/Credential program for 2013-14 should apply for Mark Bruce Fellowships or NSF Noyce Scholarships. The application deadline is:

**January 15, 2013**
For information see [http://calteach.ucsc.edu](http://calteach.ucsc.edu) and come by the Cal Teach office.

CBEST and CSET Exam Help
If you are planning to take the exams, contact the Cal Teach office to help set up a study group.

Edward & Miriam Landesman Fund
Private gifts allow us to reimburse Cal Teach grads for conference fees, classroom equipment, and other expenses to support emerging great math and science teachers! Contact Cal Teach to apply.

New NSF Noyce Teacher Scholars grant will provide 42 credential scholarships!
UCSC has been awarded a new Noyce Teacher Scholars grant, following the 2009-13 Noyce Scholars grant. The new project will be a joint effort with seven community colleges and four school district partners and will provide $20,000 Noyce Scholarships and early career support for 42 Cal Teach participants in UCSC’s MA/Credential program in 2014-18. In addition, qualified transfer students will receive additional scholarship support in their junior and senior years.

Thanks to the U.S. National Science Foundation (NSF) for its support of future math and science teachers!

Mark Bruce Teacher Service Awards for 2012-2013
Host teachers Sherri Kilkenny (science) and Tori Ow (math) from Mission Hill Middle School were recognized for their extraordinary service to Cal Teach at our June party. Congratulations and warm thanks for their continued support!
The UCSC Foundation Board and the National Science Foundation sponsored our first-ever intensive summer internships. The week-long internship involved helping and observing high-need math and science classes at middle and high schools in San Jose and Gonzales, which are too distant for academic-year placements. The interns were paired, experienced intern with first-time intern, including incoming transfer students from Cabrillo, Hartnell, and Monterey Peninsula Colleges. Many thanks to the host teachers, school administrators, donors, and the following Cal Teach interns who made this inaugural internship a success!

**GRANITEROCK ALGEBRA ACADEMY**

The Graniterock-sponsored Algebra Academy brought together teaching teams from UCSC and Cal State Monterey Bay for a week of nonstop algebra coaching for middle school students from Watsonville, Aromas, San Juan Batista, and Tres Pinos. The UCSC team included UCSC Math Department instructor Nandini Bhattacharya, Math graduate student Ryan Carroll, and Cal Teach interns Derek Dean, Allison Karaan, Maddy Moritsch, and Erin Okino. To follow up, participating schools will create Math Clubs with Cal Teach interns as Math Club coaches this winter. Judith Montgomery from MBAMP will mentor the whole crew of teachers and interns. Experienced Cal Teach interns should contact Gretchen if you are interested in participating!

**UNDERGRADUATE SUMMER RESEARCH**

UC Berkeley’s Cal Teach Summer Institute welcomed four UCSC Cal Teach students who worked full-time on research and took a class on integrating research methods into K-12 teaching.

### INTERN RESEARCH

- **Monica Chenglo**: Monica worked on the identification, purification, and characterization of novel bacteriophages, viruses that infect bacteria, from soil samples she collected on the UCSC campus. Long-term goals include visualizing the phages by electron microscopy and isolating and studying their DNA genomes.

- **Michaela Tondi & Brandon Parks**: Michaela and Brandon learned techniques to quantify body diversity in fishes, measured preserved specimens, and used “clearing and double-staining” to expose skeletons and cartilage on fish. They helped develop a method to preserve specimens in resin casts and mass produced them to incorporate into a life science lesson on body shape diversity and evolution.

### INTERN RESEARCH TOPIC

- **Joanna Flores**: "How Do Teacher Interactions Affect Student Thinking With the Use of Formative Assessment Lessons?"

- **Balvi Kaur**: "Gardening with Arsenic Contaminated Urban Soil"

- **Katie Stubblefield**: "Transposons and Inheritance"

- **Ellen Kuang**: "Starting the Plants-to-Fuel Process: Isolating Novel Cellulolytic Bacteria from Decaying Plant Matter"

**STAFF UPDATES:** Congratulations to Lea Evans and husband on their newborn! While Lea is on leave this fall with baby Graham, we are ably assisted by Cal Teach grad Paulina Rodriguez -- stop by to say hello!