



# Cal Teach *NEWS*

*UC's Science & Mathematics Initiative at UCSC*



In this issue...

*Front*

- Winter internships
- Science Fair
- Scholarships

*Back*

- Student teaching for credential program students
- Dates & deadlines
- Contact info

**★Interested in a winter internship? Apply ASAP!**

**We are still accepting applications:**

<http://calteach.ucsc.edu/internships/apply.html>

Cal Teach offers science or math teaching internships in local middle or high schools around Santa Cruz county. At the same time, students complete a 2-unit Education seminar. Here's the winter 2011 seminar schedule:

- CaT1 Math will meet Tuesdays, 4-5:45 p.m.
- CaT1 Science will meet Thursdays, 4-5:45 p.m.
- CaT3 for advanced interns will meet Mondays, 5-6:50 p.m.

**★New Intern Orientation:** Monday, January 3, 2011, 5-6:30 p.m. in Thimann 391. Dinner included. This orientation is **required** for new interns! CaT2 and CaT3 interns and host teachers are welcome as well.



*Science Fair Project \*\*NEW\*\**

Cal Teach has begun a brand new project: **Middle School Science Fair Mentoring Program**. Students who have completed at least one Cal Teach internship will mentor students at Mission Hill and Shoreline Middle Schools, helping with students' science fair projects. New Cal Teach staff member Samantha Forde and two experienced Cal Teach host teachers, Sherri Kilkenny and Tom Medeiros, are running the project. Interested? Contact Samantha before the winter break: [forde@ucsc.edu](mailto:forde@ucsc.edu). (Participants will get 2 units of independent study in winter, but no stipend.)

## FELLOWSHIPS & SCHOLARSHIPS

FOR CAL TEACH STUDENTS

TO ATTEND UCSC'S MA/CREDENTIAL PROGRAM

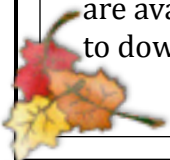
Students who complete at least one Cal Teach internship are eligible to apply for support to offset tuition and living expenses associated with attending UCSC's MA/credential program. Applications for the **Mark Bruce Fellowships** and **Robert Noyce Teacher Scholarships** are available online, and are **due January 31, 2010**. For details and to download an application, go to:

<http://calteach.ucsc.edu>

### Cal Teach Supports Professional Development

Cal Teach will help pay for Cal Teach grads to attend the December 2010 [California Mathematics Council Conference](#) in Monterey.

Are YOU a Cal Teach grad? Contact us about support for YOUR professional development activities!



## **Student Teaching for Cal Teach Graduates in UCSC's MA/Credential program:**

**Marcia Sours, Merrill '10, Anthropology BA and Mathematics minor.** *Marcia entered Cal Teach in fall of her junior year, and completed three internships. She is currently a Cal Teach Mark Bruce Math Teaching Fellow, preparing to be a math teacher.*

She says: "I just started my second placement at Pajaro Valley High in Watsonville. I'm going to take over an Algebra 1 and an Algebra 2 class, and I'm observing pre-calculus and bilingual algebra 1. It has been really interesting to see the difference between middle school and high school students.

"A lot of the theories we learn about in the UCSC classes are presented in a way that make them seem like a breeze to implement, but most of the time, this is not the case, so it's really important for me to be able to practice implementing these theories under the guidance of a teacher who can give me feedback and help me improve.

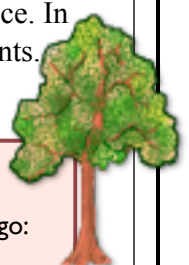
"I really enjoyed my class on teaching English learners, because I have learned so much about the process and politics behind the EL designation, which I think is important for teachers to know. The class has also taught me different strategies on how to design my lessons to benefit the EL students without making the lesson any less challenging.

"Another thing about the program is the amount of moral support it provides. It's intensive and stressful, but we've all turned to each other for help. So many of our best ideas for lessons have come from discussing them with the cohort. I'd say the best thing about the program is the support the cohort provides."

**Alex Moos, Crown '10, Physics BS.** *Alex entered Cal Teach in winter of his freshman year, and completed three internships. He is currently a Cal Teach National Science Foundation Noyce Science Teaching Scholar, preparing to be a science teacher.*

He says: "Student teaching has been amazing at Mission Hill Middle School. My cooperating teacher gave me all kinds of advice that I'm sure will come in handy when I transition to the real deal. It's almost as if I was the back-up quarterback learning all the tricks of the trade from the veteran starting quarterback. I just moved to Aptos High School, and I am focusing on physics and earth and space science.

"What I've been most excited to learn about in the MAT program is teaching for equity. It's a major emphasis of the UCSC program, and many of my classes focus on what it means to teach for social justice. In particular, I am focusing on how to make high school physics more accessible for underprivileged students. I'm excited to be able to integrate what I am learning in my theory classes at UCSC into a classroom."



### **Test Dates for 2010-11:**

**CBEST:** December 4, 2010 (emergency reg. by Nov. 30)

**CSET:** January 8, 2011 (reg. by Dec. 10)

**CBEST:** February 5, 2011 (reg. by Jan. 7)

**CSET:** March 12, 2011 (reg. by Feb. 11)

**CBEST:** April 9, 2011 (reg. by Mar. 11)

### **Credential Application Deadline Reminders:**

**UCSC: January 15, 2011**

UC Berkeley: December 3, 2011

UCSB: February 15, 2011

UC Irvine: March 1, 2011

Math for America LA: Jan. 21, 2011

Math for America San Diego:  
April 4, 2011

CSUMB: March 1, 2011 (then  
rolling until June 10, 2011)

SJSU: late February 2011 (will  
have a more specific deadline later)

**CAL TEACH HAS A NEW STAFF MEMBER:** Dr. Samantha Forde is an adjunct Assistant Professor in the Ecology and Evolutionary Biology Department. She is helping with Cal Teach outreach efforts and special projects. *Welcome, Samantha!*

|  |   |   |  |   |
|--|---|---|--|---|
| <p><b>CONTACT INFORMATION:</b><br/>(831) 459-2226 -<br/>Thimann 367<br/><a href="mailto:calteach@ucsc.edu">calteach@ucsc.edu</a><br/><a href="http://calteach.ucsc.edu">http://calteach.ucsc.edu</a></p> | <p><b>GRETCHEN ANDREASEN</b><br/>Resource Center Director<br/>Thimann 369<br/>(831) 459-2484<br/><a href="mailto:gha@ucsc.edu">gha@ucsc.edu</a></p> | <p><b>SAMANTHA FORDE</b><br/>Assistant to the Director for<br/>Outreach and<br/>Special Projects<br/>EMS A305<br/>(831) 459-1541<br/><a href="mailto:lea@ucsc.edu">lea@ucsc.edu</a></p> | <p><b>LEA HOSTETLER</b><br/>Program Assistant/<br/>Student Advisor<br/>Thimann 367<br/>(831) 459-2226<br/><a href="mailto:lea@ucsc.edu">lea@ucsc.edu</a></p> | <p><b>PAT KENT</b><br/>Internship Coordinator<br/>Thimann 359<br/>(831) 459-1929<br/><a href="mailto:pkent@ucsc.edu">pkent@ucsc.edu</a></p> |
|--|---|---|--|---|