

Professor Bradley C. Hyman, University of California - SMI Faculty Director, Professor of Biology and Dr. Amy Prunuske, Teaching Postdoctoral Fellow, University of Wisconsin, will lead the 2010 SMI Summer Institute. This novel summer opportunity will train future and credentialed science/mathematics teachers in the newest pedagogies. Through a 3-day intensive training, participants will learn about teaching principles of:

- Active learning
- Assessment
- Diversity

Training activities will include:

- Interactive presentations
- Devising teachable tidbits
- Understanding by design (or backwards design)

Participants will receive teaching materials to assist in implementing these new pedagogical skills.

Ultimate Goal: To equip teachers with hypothesis-based teaching, converting mathematics and science classrooms into "teaching and learning laboratories" in an effort to further student engagement in secondary science and mathematics classrooms.

# Application Deadline: May 28, 2010

### **Dates:**

Tuesday, August 17, through Thursday, August 19, 2010

#### Time:

9:00 a.m. to 3:00 p.m.

#### Location:

On the UCR campus (specific location- to be determined)

#### Fee:

FREE

## **Eligible Applicants:**

- SMI Student Participants
- Completed EDUC 3 or equivalent

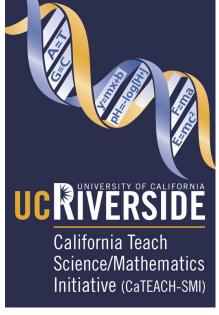
## To Apply:

Submit completed application (see brochure) to the SMI Resource Center at 1315 Pierce Hall, Riverside, CA 92521

# \*\*Participants' Stipend\*\*

\$500 upon completion of SMI Summer Institute training





1315 Pierce Hall Riverside, CA 92521 Phone: (951) 827-4970 Fax: (951) 827-4971 E-mail: smi@ucr.edu Website: smi.ucr.edu

# APPLICATION FOR SMI SUMMER INSTITUTE

# SCIENTIFIC TEACHING FOR UCR-SMI STUDENTS

Applicant's Full Name:			UCR Student ID # (if applicable):		
Cumulative GPA:	Expected Graduation Date: Quarter/Year	Major	Degree Type (circle one) B.S.	B.A.	
1. Briefly describe your ind Institute.	erest in the SMI 2010 Summer Institute and includ	e how your backgro	ound and career goals relates to the goals of th	ne SMI Summer	
2. Do you wish to teach so	ience or mathematics? What was the seminal event	in charting your di	rection towards a teaching career?		
3. Briefly describe your ex	perience with developing and implementing lesson p	olans.			
4. In your opinion, what r	nakes a lesson effective?				
5. What additional teaching	ng enrichment programs have you participated in?				