



“This was the singular best professional development for science teacher that I have attended.” Past Participant

You are invited to apply for the SALSA-SMI Summer Institute June 25-29, 2018 at University of California, Riverside (UCR). The Summer Institute will expand teaching skills through workshops on pedagogy and laboratory exercises.

The Summer Institute will be led by Dr. Jim Burnette and Dr. Katie Burnette who are experienced in developing curriculum for teaching laboratories aligned with Next Generation Standards. Participants will develop simple, original, innovative classroom materials ready for immediate implementation. This unique professional development opportunity is designed for STEM teachers seeking to develop engaging laboratory experiences with science and mathematics lesson planning.

Alignment with AP Biology curriculum will also be discussed. Both instructors are experienced AP Biology exam readers.

The Institute also provides the opportunity for experienced teachers to inspire the next generation of STEM teachers.

Application Deadline: April 29 before
12 o'clock noon.

SALSA-SMI Summer Teaching Institute

A Paid opportunity to work with UCR faculty and network with the next generation of STEM teachers!

TESTIMONIALS:

“I would share the teaching methods with colleagues as well as implement them in daily lessons.”

-2016 Participant

“Engag[ing] active learning strategies will be very useful and lab techniques may as well.”

-2016 Participant

“I like the idea of backward design. Putting the focus on what I want to teach and then coming up with activities is a great idea and structure.”

-2015 Participant

“I loved the networking!”

-2015 Participant

Funding Provided by:

***Howard Huges Medical Institute
Helmsley Charitable Fund
Science Literacy Program
UCR CalTEACH-Science Mathematics Initiative (SMI)***

Learning Goals:

Participants will:

- learn how to use micropipettes to measure liquids.
- be able to measure the reproducibility of repeated measures.
- learn current experimental techniques in molecular biology.
- develop a discovery-based lesson plan using the principles of
 1. Engagement
 2. Assessment
 3. Diversity
 4. Backwards design



Equipment will be provided for classroom use as needed.

Dates:

June 25—29, 2018 (Monday-Friday)

Time:

9:00 a.m. to 3:30 p.m.

Location:

University Laboratory Building at UCR

Fee:

FREE

Eligible Applicants:

Credentialed science & mathematics middle school and high school teachers

Participants will receive:

- \$500 upon completion
- Parking and Lunch daily

Professional Development Credit

Participants can register for a 2-unit class credit through UCR. All tuition and fees are responsibility of the participant.

Complete the application and mail to:

Dr. Jim Burnette
Batchelor Hall
900 University Ave
Riverside, CA 92521

or complete online:

<https://goo.gl/forms/yOk7QlfKN2ZAMS1h1>



Please answer the following questions to assist the selection process.

- 1) Is your Bachelor's Degree/post-baccalaureate degree in science, math, or engineering?
 YES NO
 If so, please indicate the subject area (major) completed _____
- 2) School information: School name _____
 School district _____
- 3) What courses do you currently teach? _____
- 4) Are you planning to serve as an SMI Mentor Teacher for 2018-19 academic year?
 YES NO Don't know
- 5) Indicate which type of teaching credential do you hold:
 Preliminary Teaching Credential
 Professional Clear Teaching Credential
- 6) Briefly describe your primary motivation to participate in the SMI Summer Institute 2017.

7) Contact Information:

Your name _____

Your e-mail _____

- 8). What other teaching enrichment programs have you completed?