

## **The Summer Institute, August 1-5, 2016**

Sessions will be held at Carpinteria Middle School in Carpinteria 8:30 a.m.-3:30 p.m. There will be a mixture of extensive hands-on activities, investigations led by faculty, teacher leaders, and content specialists. The atmosphere will be collegial so as to foster collaboration and long-term commitment to a support network.

### **Improving Science Teaching**

Content and pedagogical specialists will focus on Physical Science concepts for grades K–6. Activities will be aligned with Common Core and Next Generation Science Standards (NGSS), with an emphasis on how to embed the practices and crosscutting concepts into existing lessons. Participants will explore the concepts and questions that arise in the course of doing these investigations.

### **Literacy and Science Teaching**

Participants will examine ways that science teaching connects to Language Arts. We will examine Literacy in Common Core and Next Generation Science Standards, including techniques to meet the needs of English Language Learners.

### **Leadership**

Participants in our professional development program will be encouraged to become part of a support network. Teacher participants will have the opportunity to continue to grow professionally by becoming associate teacher leaders. Associate teacher leaders will (a) lead and present at one of the follow-up days, (b) attend two training days in preparation for the summer institute, (c) work alongside faculty and teacher leaders at the summer institute, (d) transition into a teacher leader role.

### **Academic Credit**

40 participation hours = 4 quarter units of academic postgraduate credit through UCSB Extension will be available for approximately \$130 fee. Application for University of California Santa Barbara Extension post-graduate professional credit for this course is pending.

### **Academic Year Follow-up**

Follow-up days will be held three times during the 2016-2017 academic year. Lessons will be aligned with Common Core and NGSS. Attendance is expected; an additional \$50 stipend will be provided to attendees.

### **Participant Commitment**

Selected participants will be expected to:

1. Attend the 5 days of the Summer Institute, August 1 – 5
2. Take an active part in the various aspects of the Summer Institute
3. Attend 3 follow-up days
4. Discuss institute commitment with Principal
5. Encourage administrator(s) to visit part of the Summer Institute or follow-up days

### **How to Apply**

Submit:

1. Teacher Application Form
2. Support Agreement with the appropriate school official's signed agreement.

### **Selection of Teacher Participants**

Generally, teachers will be admitted in the order of application submission. All grades are encouraged to apply. A waitlist will be created should cancellations occur. All applicants will be notified of the decision.

#### **DEADLINE:**

Applications should be posted or faxed by Wednesday, April 27, 2016

Send to:

Lilly Garcia, Director of STEM Outreach

Gevirtz Graduate School of Education, University of California, Santa Barbara, CA 93106-9490

or FAX completed application to Lilly Garcia at: 805-893-2588

**Questions?** Please contact Lilly Garcia via email: [lgarcia@education.ucsb.edu](mailto:lgarcia@education.ucsb.edu)

THE SOUTH COAST SCIENCE PROJECT  
AND SCIENCE MATTERS  
SUMMER INSTITUTE 2016 — TEACHER APPLICATION FORM

Name \_\_\_\_\_ Primary Phone \_\_\_\_\_

Address \_\_\_\_\_ City & Zip \_\_\_\_\_

Email Address \_\_\_\_\_ School \_\_\_\_\_

School Address \_\_\_\_\_ Phone \_\_\_\_\_

Principal's Name / email address \_\_\_\_\_ / \_\_\_\_\_

Grade Level \_\_\_\_\_ Grade level(s) previously taught \_\_\_\_\_ Social Sec. # \_\_\_\_\_

**DEADLINE**

for postmark of your application / completed form is due Wednesday, April 27, 2016

Send to:

Lilly Garcia, Director of STEM Outreach, Gevirtz Graduate School of Education, University of California,  
Santa Barbara, CA 93106-9490

or FAX completed application to Lilly Garcia at: 805-893-2588

Questions? email: [lgarcia@education.ucsb.edu](mailto:lgarcia@education.ucsb.edu)

**2016-2017**

**TEACHER AND PRINCIPAL ACKNOWLEDGEMENT OF SUMMER INSTITUTE GOALS  
AND SUPPORT AGREEMENT**

A goal of the South Coast Science Project Summer Institute is to provide professional development and support for teachers who seek to improve their knowledge of science content and their pedagogical skills, to ensure quality science instruction for all students. Participating teachers work to improve instruction in their own classrooms, and serve as a resource to other teachers within their schools, districts and regions. Involvement in the change process requires ongoing support-from both the Project and the school. To this end we may conduct three (3) follow-up meetings during the academic year. We request that the school or district of participating Fellows demonstrate support by providing three (3) days of release-time during the 2016-2017 academic year to attend the follow-up meetings\*.

In order to promote effective ongoing professional development that fosters opportunities for professional collaboration as well as teaching excellence, we request that applicants discuss with her/his principal what kind of role she/he may play in improving science education at her/his site, before signing the Support Agreement.

Institute organizers encourage participating teachers and their principals to provide ideas and feedback, in an effort to improve subsequent Summer Institutes and follow-up days. Please send comments to Lilly Garcia: [lgarcia@education.ucsb.edu](mailto:lgarcia@education.ucsb.edu).

\*"I have spoken with the applicant and agree to support her/his role in science instruction in the school. I will also provide, if necessary, the applicant with three (3) days of release-time during the 2016-2017 year, and pay for the substitute if possible, if he/she is appointed a Fellow in the South Coast Science Project."

Signed (Teacher applicant) \_\_\_\_\_ (Date) \_\_\_\_\_

Signed (Principal) \_\_\_\_\_ (Date) \_\_\_\_\_