



CSU Long Beach

Saturday

November 4, 2017

9:30am – 12:30pm



SCIENCE AND LANGUAGE: NGSS IN PRACTICE

A FREE Hands-On Workshop Sponsored by the CSULB Science Education Dept.

Supported by Richard D. Green Elementary Science Learning Academy

The Next Generation Science Standards (NGSS) call for a stronger emphasis on students *doing* science such as developing models, constructing explanations, and arguing from evidence. These practices involve using language. The new CA ELA/ELD Framework also emphasizes language learning, not as a precursor for learning content, but as a product of using language in social interactions.

Explore the rich opportunities science provides for motivating student learning and academic language development during this 3-hour session. Deepen your own understanding of how to leverage the connections with the CA ELA/ELD Framework to plan integrated learning experiences and incorporate ELD strategies into science learning. Participants are assumed to have an introductory knowledge of NGSS.

CSULB Science Education faculty member Dr. Susan Gomez-Zwiep will lead this hands-on workshop. Additional information related to the California Framework for Science Teaching, updates on standards implementations timeline (and assessment), and implications for those working in out-of-school settings will be shared.

The workshop is **FREE** and open to both elementary and informal educators interested in learning more about NGSS. Light refreshments will be provided.

RSVP is required to ensure adequate materials and parking for participants.

Please contact Anna.Asanidze@csulb.edu to make your reservation **no later than Oct 30**.

Provide your name, email, phone, and school/job info. Parking information will be provided with RSVP confirmation.

Additional Opportunities at CSULB

The CSULB Science Education Department offers several opportunities for local educators interested in advancing their understanding of teaching and learning. Visit www.csulb.edu/scied for more information.

- **Elementary Science Learning Academy**

Year-long professional development program for K-5 educators. Applications for 2018-2019 program available in Spring. Contact: Laura.Henriques@csulb.edu

- **Assoc. of Future Science Educators (AFSE)**

Evening events to support science instruction. *Upcoming:* 11/8 Living in Earthquake Country, 12/4 What's the Matter?

- **Earth Science & NGSS for the Elementary Learner**

January 20, 2018. 9:30am-12:30pm.

- **MS in Science Education**

Informal Ed. and Elem./Middle School, & Secondary Options

The Master's in Science in Science Education provides students with the opportunity to strengthen their understanding of science, science teaching and learning, as well as link their new knowledge to their current practice. Applications available now. Deadline for Fall 2018 is May 31. Contact: Alan.Colburn@csulb.edu

- **Individual Classes**

The department offers a variety of science courses designed to deepen educator's knowledge in earth science, life science, and physical science. *Sp 18 Phys Sci.* Contact: Laura.Henriques@csulb.edu