

STEM POSIUM

STEM Best Practices to Transition to NGSS



STEMposium Details

 **Saturday, Oct. 29, 2016 from 8 to 3pm**
Complimentary light breakfast and lunch will be served.

 info.acceleratelearning.com/scusd-stemposium

 **Serna Center, Sacramento City USD District Office**
5735 47th Ave., Sacramento, CA 95824

ABOUT the SACRAMENTO STEM POSIUM

Many districts in California are grappling with the transition to Next Generation Science Standards (NGSS). After the completion of the public review period on August 29th, the State Board of Education will take action on the CA Science Framework (June 2016 version) and any Instructional Quality Commission -recommended edits at their meeting on November 2-3, 2016.

Addressing the basic questions of what exactly is STEM and how do we transition to NGSS has stirred confusion and caused redundancy of efforts among school districts adopting NGSS in all the regions of the US. There is no doubt that NGSS and STEM implementation are challenges and in this STEMposium we'll help demystify the appropriate actions to take; from hands-on, inquiry-based investigations to rigorous claim-evidence-reasoning assessments. Attending a STEMposium helps participants to learn to critically evaluate STEM instruction, integrate the components of STEM and foster a teacher's professional growth.

the DAY'S AGENDA

1. What is STEM?

2. Utilizing the Practices of STEM

3. Why STEM and Why Now?

Lunch

4. How does STEM Address Inquiry?

5. What Matters Most in Creating a STEM Classroom?

6. STEM in Action

7. Putting it All Together - NGSS and STEM



PRESENTED BY

Dr. Terry Talley began her career teaching science in grades 6-9 for 14 years. She subsequently served as a district science supervisor in two large districts in Texas for 10 years. In her endeavors to make the most effective possible impact in education, she targeted in-service teachers at University of Texas Medical Branch and frequently went into their classrooms to model the best practices in STEM instruction. She is now the key STEM researcher at RICE University and travels throughout the country delivering STEMposiums to further impact high-quality STEM education. Dr. Talley is the author of: *The STEM Coaching Handbook*; *Working with Teachers to Improve Instruction*.