

STEM Smart: Lessons Learned from Successful Schools

February 1, 2016

Hilton San Francisco Financial District | San Francisco, CA



AGENDA

- 8:30 **Registration and Informal Networking** (Coffee served) **THIRD FLOOR FOYER**
- 9:00 **Welcome and Opening Remarks** **GRAND BALLROOM**
- *Barbara Brauner Berns*, Senior Project Director, Education Development Center, Inc.
 - *Evan Heit*, Director, Division of Research on Learning, Directorate for Education and Human Resources, National Science Foundation
 - *Trish Williams*, Member, California State Board of Education
- 9:30 **Implications of the Three-Dimension Vision of the NGSS** **GRAND BALLROOM**
- *Joseph Krajcik*, Michigan State University
 - *Jonathan Osborne*, Stanford University
 - *Helen Quinn*, Stanford University
- 10:30 **Break**
- 10:45 **Instructional Materials and Successful STEM Education—Morning Breakout Sessions** **SECOND FLOOR**
- ***Creating an Inclusive Active Learning Culture in Science Education***: *Samantha Daley*, CAST; *Sybil Kelley* and *Dilafruz Williams*, Portland State University **WASHINGTON**
 - ***Incorporating the Standards into Ecology and Environmental Science Classrooms***: *Barbara Nagle*, Lawrence Hall of Science; *Gillian Puttick*, TERC **MONTGOMERY**
 - ***Supporting Teacher Learning in New Ways***: *Leema Berland*, University of Wisconsin-Madison; *Suzanna Loper*, University of California, Berkeley **MASON I**
 - ***Supporting Adaptation of Curriculum Materials to Bring Three-Dimensional Teaching and Learning into K–12 Classrooms***: *Cynthia Passmore*, University of California, Davis; *Brian Reiser*, Northwestern University **MASON II**
 - ***Teacher Professional Development in the Age of the NGSS***: *Sara Heredia*, Exploratorium; *Bethany Sjoberg*, Highline Public Schools; *Jessica Thompson*, University of Washington **SANSOME**
 - ***Tools for Evaluating the Alignment of Instructional Materials with NGSS and Supporting Implementation***: *Aneesha Badrinarayan* and *Jennifer Childress*, Achieve **JACKSON**

- 12:00 **Break**
- 12:15 **Networking Lunch** (Lunch served) **THIRD FLOOR FOYER & GRAND BALLROOM**
- 12:45 **Lessons Learned from Early NGSS Implementation—Lunchtime Plenary Presentation**
GRAND BALLROOM
- *David Campbell*, National Science Foundation (Introductions)
 - *Steven Schneider*, WestEd (Moderator)
 - *Kirk Brown*, San Joaquin County Office of Education
 - *Kathy DiRanna*, WestEd
 - *Maria Chiara Simani*, CA Science Project
 - *Craig Strang*, Lawrence Hall of Science
- 1:45 **Break**
- 2:00 **Instructional Materials and Successful STEM Education—Afternoon Breakout Sessions** **SECOND FLOOR**
- ***Can We Enhance Our Curriculum with Cyberlearning Resources?:*** *Jennifer Chiu*, University of Virginia; *Kathy Perkins*, University of Colorado, Boulder; *Jeremy Roschelle*, SRI International **WASHINGTON**
 - ***New Standards Bring New Expectations: A Look at the Convergence of Science and Literacy Across Grades K–12:*** *Jacqueline Barber*, Lawrence Hall of Science; *Jacqueline Miller*, Education Development Center, Inc. **MONTGOMERY**
 - ***Creating and Experimenting with Models:*** *Joseph Krajcik*, Michigan State University; *James Lester* and *Robert Taylor*, North Carolina State University **MASON I**
 - ***Technology-enhanced Assessments for Contemporary Science Classrooms:*** *Christopher Harris*, SRI International; *Marcia Linn*, University of California, Berkeley **MASON II**
 - ***A Tale of Two Districts: Implementing the NGSS in Oakland and San Francisco:*** *Caleb Cheung*, Oakland Unified School District; *Sarah Delaney*, San Francisco Unified School District **SANSOME**
 - ***What Are the “Look Fors” to Assess the Quality of Instructional Materials in Light of the NGSS?:*** *Jody Bintz* and *Daniel Edelson*, Biological Science Curriculum Study (BSCS) **JACKSON**
- 3:15 **Break**
- 3:30 **Closing Remarks** **GRAND BALLROOM**
- 3:45 **Adjourn (Informal Networking)**

Presenters’ bios can be viewed and downloaded at:
successfulstemeducation.org/events/1510/agenda