

SEEE Seminar Series *joins forces with* SDSU's Center for Research in Mathematics and Science Education (CRMSE) *to present...*

Next Generation Science Standards (NGSS): What is it and how might it change science teaching and learning?



April 27, 2015, 4:00 – 6:30 pm

**SDG&E Energy Innovation Center
4760 Clairemont Mesa Boulevard, San Diego**



Learn about the Next Generation Science Standards (NGSS) and see what they look like in action!

Dr. Helen Quinn, Emerita Professor of Physics at Stanford Linear Accelerator Center, is a member of the National Academy of Sciences, and Chair of the science workgroup at Stanford's Understanding Language project. She served as a Chair of the National Academy of Sciences' committee that produced, *A Framework for K-12 Education: Practices, Crosscutting Concepts, and Core Ideas*, a basis for NGSS. Dr. Quinn will highlight the major components of this vision, their basis in research on learning, and the changes in science teaching and learning that will occur as this vision is incorporated into classrooms, curriculum materials and assessments.



Dr. Helen Quinn
Emerita Professor, Physics,
Stanford Linear Accelerator Center

Following Dr. Quinn's talk, teachers and educators from around San Diego County will share examples of how they are enacting NGSS in their classrooms.

Exhibitors include:

- ▶ **Rodger Ashworth**, Washington Elementary STEAM Magnet
- ▶ **Fred Goldberg**, San Diego State University
- ▶ **Angela Hackman**, Health Sciences High and Middle College
- ▶ **Crystal Howe**, California Regional Environmental Education Community (CREEC)
- ▶ **Jeremy Hurlbert**, Gompers Preparatory Academy
- ▶ **Kari Koch**, Eastlake Middle School and **Tony Sandoval**, Parkway Middle School
- ▶ **Shelly Glenn Lee**, High Tech Elementary North County
- ▶ **Rachel Poland**, Innovation Middle School
- ▶ **JoAnna Proctor**, Groundwork San Diego EarthLab UCSD Community Station
- ▶ **John Spiegel**, Science Coordinator, San Diego County Office of Education
- ▶ **Jesse Wade-Robinson**, High Tech High

REGISTER

at www.seeeseminar.com, where additional information is available.
Attendance is free. A voluntary donation of \$10
to offset expenses is welcomed at the door.

EVENT SCHEDULE

Monday, April 27, 2015

- 4:00 pm** Reception and Networking
- 4:20 pm** Welcome & Introductions, Joi Spencer and SDG&E
- 4:30 pm** Speaker Dr. Helen Quinn
- 5:15 pm** Local response, John Spiegel, SDCOE Science Coordinator, Brief Question and Answer
- 5:30 pm** Exhibits

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