
CEO message: CEO Updates-Jan 8, 2016

1 message

Kate Spohr <kspohr@berkeley.edu>
To: CEO <education.outreach@lists.berkeley.edu>

Fri, Jan 8, 2016 at 1:03 PM



Happy new year!
CEO Updates, Jan 8, 2016

Spotlight

CEO January meeting 1/12/16—**Teacher-scientist Partnerships in Local K-12 schools**. Featured speakers: **Caleb Cheung**, Science Manager, Oakland Unified School District (OUSD), and **Matt Hinckley**, Berkeley middle school science teacher on special assignment to guide Berkeley Unified School District (BUSD) through planning/implementation of the Next Generation Science Standards (NGSS). What are the needs of teachers/schools/districts in light of new science standards, and how can scientists, engineers, and researchers best support and connect with K-12 education? Our speakers will share information about the early NGSS implementation work in OUSD and BUSD, focusing particularly on ways in which local schools are involving scientists and engineers. Location: 303 Doe Library. [More-->](#)

NSF STEM Smart Workshop: Lessons learned from successful schools Feb 1, Hilton San Francisco. This free workshop, an initiative of the National Science Foundation, delves into K-12 research and resources with an emphasis on standards-based instruction in science. Interactive session topics and programs presented by national experts include: curriculum design and implementation; tools for evaluating instructional materials alignment and quality; teacher support and professional development; cyberlearning resources and technology-enhanced assessments; and more. Featured speakers include: **Kirk Brown**, San Joaquin County Office of Education; **Joan Ferrini-Mundy**, National Science Foundation; **Jo Krajcik**, Michigan State University; **Jonathan Osborne and Helen Quinn**, Stanford University; **Steven Schneider**, WestEd; Maria Chiara Simani, CA Science Project; **Craig Strang**, Lawrence Hall of Science. [Register now-->](#)

Funding & Awards

NSF STEM + Computing Partnerships (STEM+C)—Deadline: 3/8/16. The STEM+C Partnerships program aims to enhance the learning and teaching of STEM and computing by K-12 students and teachers, through research on, and development of, courses, curriculum, course materials, pedagogies, and instructional strategies. [More-->](#)

Exceptional Contribution to STEM Education Award sponsored by the Armed Forces Communications and Electronics Association (AFCEA)—Nomination deadline: 4/22/16. This award recognizes significant contributions by individuals and/or teams whose efforts have strengthened STEM education in schools, colleges, and universities. [More-->](#)

Resources

Guide to Implementing the Next Generation Science Standards Provides guidance to district leaders and teachers charged with developing a plan and implementing the NGSS in their curriculum, instruction, professional learning, policies, and assessment. [More-->](#)

Report on broadband connectivity in America's classrooms An overview of the state of broadband connectivity in America's K-12 public schools. [More-->](#)

National Education Technology Plan The NETP, a publication of the U.S. Dept. of Education, is the flagship educational technology policy document for the United States. [More-->](#)

News & views

Lessons from a school district–university research partnership: The Houston Education Research Consortium Research partnerships between school districts and universities can be extremely beneficial, but these partnerships require many skills that academics and district leaders generally do not have, making these collaborations challenging to set up and difficult to maintain. Co-authored by a university professor and a school district leader, this article examines why more of these research partnerships are needed, why they are not more common, and how barriers to such partnerships can be overcome. [More-->](#)

As justices weigh affirmative action, Michigan offers an alternative While the Supreme Court is considering a case that could result in a decision ending race-based affirmative action policies nationally, Michigan is one state where the practice is banned at public colleges and universities. This article highlights how despite this policy, the University of Michigan was able to increase the number of minority students in its freshman class by 20 percent. [More-->](#)

The rich-poor divide on America's college campuses widens New data show that college students from rich and poor backgrounds take paths even more dramatically divergent than in the past. [More-->](#)

Designing the new American university A new book proposes an alternative model for American universities that champions access and the social impact of increasing the number of college graduates over the value of exclusivity. [More-->](#)

Helping low-income college students get public benefits Low-income students are increasingly going hungry on college campuses, where over 200 food pantries have recently opened. A new report proposes helping students qualify for benefits, including food stamps. [More-->](#)

Every Student Succeeds Act aims to boost Native American education The new bill signed into law by President Obama in December will increase state and local control over public K-12 instruction, but is also designed to bolster Native American education and preserve tribal

culture. [More-->](#)

The Committee on Equal Opportunities in Science and Engineering (CEOSE) advises the National Science Foundation on policies and programs to encourage full participation at all levels of America's STEM enterprise. The Committee's latest report lays out an implementation framework to address the grand challenge of broadening participation. [More-->](#)

Why STEM's future rests in the hands of 12-year-old girls A recent report by the Organization for Economic Co-operation and Development (OECD) takes a comprehensive look at gender differences in student performance based on an exam taken by 15-year-olds. [More-->](#)

About CEO

CEO Updates is the newsletter of the Coalition for Education Outreach (CEO), an informal working group of organizations, departments, and individuals on the UC Berkeley campus and in the community engaged in STEM education and outreach (E&O). Our mission is to further professional development, facilitate best practices, and encourage information exchange among CEO members. [Kate Spohr](#) and [Dan Zevin](#), CEO co-chairs, welcome your questions, comments, and ideas. [More-->](#)

Acronyms commonly used in CEO Updates: STEM (Science, Technology, Engineering, Mathematics); NGSS (Next Generation Science Standards); NSF (National Science Foundation); K-12 (kindergarten through 12th grade).

*You have received this email because you are subscribed to
the CEO elist. [Click here](#) to unsubscribe.*
