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## **CEO message: CEO Updates**

1 message

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May your holidays be peaceful, and the new year a happy and healthy one. This is the last issue of CEO Updates for 2015; we resume publication in mid-January.

## **Spotlight**

1/12/16 CEO January meeting 1/12/1—Teacher-scientist partnerships in local K-12 schools. Featured speakers: Caleb Cheung, Science Manager, Oakland Unified School District, Matt Hinckley, Berkeley middle school science teacher on special assignment to guide Berkeley Unified School District through planning/implementation of Next Generation Science Standards (NGSS). More-->

**Goodbye to No Child Left Behind** On 12/11/15, President Obama signed a sweeping bill to revise the contentious No Child Left Behind law, representing the end of an era in which the federal government aggressively policed public school performance, and returning control of educational policy to states and local districts. The bill, titled Every Student Succeeds Act (ESSA), provides substantial support for K-12 STEM education. **More-->** 

A lens on STEM student culture at Cal Albert Hsiung's column, featured each Monday in the Daily Cal, raises issues of importance to Berkeley's undergraduate STEM majors. More-->

# Funding

American Educational Research Association Research Grants Competition. **Deadline: 1/20/16**. The program seeks to stimulate research on U.S. education issues using data from the large-scale, national and international data sets supported by the National Center for Education Statistics (NCES), NSF, and other federal agencies, and to increase the number of education researchers using these data sets. Awards are for 1 or 2 year projects, ranging from \$20,000-\$35,000.

NSF Science of Learning Collaborative Networks. Letter of intent (required) by 2/6/16; full proposal deadline 3/18/16. This solicitation launches NSF's next phase of research in the

Science of Learning (SL). The new program is designed to capitalize on the momentum created by the Science of Learning Centers (SLC) to continue developing an integrated, interdisciplinary SL community. Awards for up to 3 years with a maximum award of \$750,000.

**2016 Macy Foundation Faculty Scholars Program. Deadline: 2/17/16.** Grants of up to \$200,000 over two years will be awarded to promising educational scholars to implement educational innovations at their home institutions and participate in career development activities.

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### **Conferences**

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Feb 11-15, American Association for the Advancement of Science 2016 Annual Meeting (AAAS), Washington, DC.

March 16-18, Consortium for North American Higher Education Collaboration 2016 Conference (CONAHEC), San Luis Potosí, Mexico. This year's CONAHEC conference focuses on the potential of international collaboration in higher education.

March 31-April 3 National Science Teachers Association 2016 Conference (NSTA), Nashville, TN.

April 2-6 **American Society for Biochemistry and Molecular Biology** 2016 Conference (ASBMB), San Diego, CA. Conference organizers invite abstracts for this year's outreach-themed poster session <u>by 1/15/16</u>. This is a great opportunity to showcase your STEM outreach activity for thousands of scientists. Submit abstracts here.

April 20-22, **Broadening Participation Summit 2016**, Philadelphia, PA. Hosted by the University of Pennsylvania and presented by the National Association for Broader Impacts (NABI), this summit's overarching theme is broadening participation.

Sept 24-27, **2016 Association for Science and Technology Centers** (ASTC), Tampa, Florida. The conference will be hosted by the Museum of Science and Industry.

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#### **News & views**

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The lie about college diversity Frank Bruni's NY Times op ed argues that diversity doesn't stop at the admissions office. Even if a school succeeds in using its admissions process to assemble a diverse student body, it often fails at the more important goal that this diversity ideally serves: meaningful interactions between people from different backgrounds with different ways of looking at the world.

**Arts-based STEM learning works** Over the last 3 years, the NSF funded the Art of Science Learning to better understand the links between art and science. The project's evaluation results confirm what many education experts have long believed: STEAM, or in this case arts-based STEM learning, works and works beyond expectation.

**Innovating pedagogy 2015** A new report from SRI Education explores new forms of teaching, learning, and assessment to guide educators and policy makers.

Integrating discovery-based research into the undergraduate curriculum Undergraduates who participate in independent research under faculty guidance reap many benefits. Yet such programs have limited capacity. Course-based research experiences can accommodate many more students and have been shown to provide many of the same benefits.

The missing low income students A study by the American Council on Education finds that low-income high school graduates were far less likely to pursue higher education in 2013 than in 2008.

Why students foot the bill for college sports, and how some are fighting back Mandatory college athletic fees have become standard across college campuses. A joint project by The Huffington Post and The Chronicle of Higher Education discovers that institutions with the highest athletic student fee subsidies averaged 44 percent more Pell grant recipients than those with the lowest subsidies.

**Smart**, **skilled**, **and striving**: **transforming and elevating the teaching profession** Recruiting and retaining effective teachers requires elevating the profession and setting higher expectations at every stage of the teacher career continuum, according to a new report from the Center for American Progress.

About CEO

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CEO Updates is the newsletter of the **Coalition for Education & Outreach** (CEO), an informal working group of organizations, departments, and individuals on 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. CEO co-chairs **Kate Spohr** and **Dan Zevin** welcome your questions, comments, and ideas.

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