
CEO message: CEO Updates-March 15

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**CEO Updates, March 15, 2016**

Spotlight

Coming up at CEO: Tuesday, April 12, noon to 1:30 pm—First generation college students & alumni speak out. A panel of diverse first-generation-to-college students and alumni discuss their journeys in STEM, including successes and challenges they encountered along the way. They will discuss the people, resources, and opportunities that made it possible for them to successfully navigate academic, social, and cultural hurdles at UC Berkeley. Location: 303 Doe Library. [More-->](#)

Wiki Year of Science—In 2016, the Wiki Education Foundation will be working to get comprehensive—and comprehensible—science information into the screens and pockets of millions of readers by improving Wikipedia articles in the sciences. *The Year of Science is a collective effort.* The Wiki Foundation is calling on science professors, Ph.D. candidates, and undergraduates, librarians, experienced Wiki editors, and new ones—in every science-related subject. [More-->](#)

Funding opportunities

NSF Science Learning+ Partnership—Proposal deadline: 6/14/16. Science Learning+ is an open call for proposals for Partnership Grants through an international partnership between the NSF and the Wellcome Trust with the UK Economic and Social Research Council (ESRC). The maximum award size is \$2.4 million/£1.5 million, with a duration of up to five years. The program aims to strengthen the research and knowledge base; bridge the practice and research gap; and/or share knowledge and experience in informal science, technology, engineering and mathematics (STEM) experiences. Furthermore, the initiative seeks to support practice-based research which falls within or across the following priority areas: understanding learning; engagement in STEM; skills

development; equity; diversity; access to informal learning settings; and measurement of outcomes. [More-->](#)

Jack Kent Cooke Young Scholars Program—Application deadline: 4/14/16. From 8th grade through their senior year of high school, Cooke Young Scholars receive a personal academic and college counselor, funding for academic and enrichment programs in the summer and during the school year, internship and study abroad opportunities, and access to other educational resources. [More-->](#)

Events & opportunities

Sat. 3/26/16, 9am-4pm—The art of presenting: how to become a skilled scientific communicator. Breakfast and lunch included with \$20 registration fee (first come, first served). This innovative all-day workshop, targeted to grad students and postdocs, is taught by professional actors who will help participants develop their expressive skills, learn how to conquer the fear of public speaking, and understand the basic elements of telling an engaging scientific story. Location: 775 Tan Hall, UC Berkeley. [More-->](#)

Fri. 4/15/16, 11am - 12 pm—Wikipedia as a resource for instruction & libraries This presentation will focus on Wikipedia as a teaching tool and how Wiki Ed can support instructors, students, and libraries. The presentation will cover the Wiki Foundation's Classroom Program and Visiting Scholars Program, specifically as they relate to the [Year of Science campaign](#). Location: 110 Bechtel.

Google Science Fair 2016 – Submission deadline: 5/17/16. the Google Science Fair is a global online competition open to individuals or teams from 13 to 18 years old. This year, they're challenging students all over the world to make something better with science. [More-->](#)

Engineering for You Video Contest—Entry deadline: 5/31/16. The theme for the third annual National Academy of Engineering video contest is mega engineering. NAE is looking for 1-2 minute videos that address important needs of large populations, require teams working across countries on a solution, and involve at least three disciplines. A Grand Prize of \$25000 will go to the most inspiring video. [More-->](#)

Resources

Ten promising practices to encourage girls in engineering—CEO member **Linda Kekelis**, founder of TechBridges Girls, has spent a career encouraging girls to pursue STEM. She shares what she's learned in these ten promising practices. [More-->](#)

NSF-supported STEM education resources—NSF-supported research and standards-based science instructional resources are available at successfulstemeducation.org. The site contains a wealth of information on instructional materials selection and evaluation, evidence-based materials

that align with or can be adapted to the NGSS, the scientific practices of argumentation and modeling, cyberlearning resources, professional development for teachers, and new ways of looking at assessment. [More-->](#)

Design as scholarship: case studies from the learning sciences– Targeted to researchers in the learning sciences, this book provides design stories of how researchers actually do their work— how they identify and meet needs, how they collaborate across disciplinary boundaries, and how they take advantage of emergence or opportunism in their work. [More-->](#)

Online game charts academic pathways to college–Educators at Arizona State University have developed a unique online game to help high school students to prepare for college. The game, me3, matches users interests with suggested college majors and insight on how to get into college. me3 also charts an academic pathway toward a college education by recommending courses, tracking academic progress, and providing timely info on admissions requirements. [More-->](#)

News & views

What's next for Berkeley and UC? This widely-circulated editorial from the LA Times poses the question: What sort of institution should the University of California be in the years ahead? [More-->](#)

Opportunity for all? technology and learning in lower-income families – This report explores gaps in educational opportunity for low-income families with young children, and explores how many low-income families are using media and new technologies in creative ways to support their children’s pathways to success and to strengthen family relationships. The study, which analyzes data from a national survey of 1200 parents and 200 interviews with students, parents and teachers, focuses new attention on key assets that culturally diverse families bring to the technology adoption process. [More-->](#)

Income inequality and educational attainment–Poor students who grow up in areas with high income inequality are significantly more likely to drop out of high school than students who grow up in areas with less inequality. [More-->](#)

About CEO

CEO Updates is the newsletter of the [Coalition for Education Outreach \(CEO\)](#), an informal network of organizations, departments, and individuals on the UC Berkeley campus and in the community engaged in STEM education and outreach. [More about CEO-->](#)

Have some news that you want to share in our next newsletter? Contact [Kate Spohr](#).

Acronym translator: E&O (education and outreach); STEM (Science, Technology, Engineering,

Mathematics); NGSS (Next Generation Science Standards); NSF (National Science Foundation); K-12 (kindergarten through 12th grade).

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