
CEO message: CEO Updates

1 message

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***CEO Updates, Feb 2, 2016***

Spotlight

CEO meeting: Tuesday, 2/9/16–Viewing your E&O project through the eyes of the funder. Presenters: Dave Trinkle, Matt Andrews–Berkeley Research Development Office; Sylvia Bierhuis, David Siegfried–UCB Corporate and Foundation Relations. In an increasingly competitive funding climate, it is critical for grantseekers to understand the shifting priorities of STEM education and outreach funders so that they can target the most likely funders and align their projects appropriately. This practical and interactive session will provide an overview of a range of sponsor types, and will focus on best practices for working with them. We will discuss techniques to identify appropriate funders; the importance of tailoring the project to the funder; adding scale and value to the project by collaborating with campus and community partners; and how and when to approach a prospective funder. The session will include an overview of tools and resources available for researching funding opportunities. There will be ample time for discussion, so please come prepared to share your funding challenges and questions. Location: 303 Doe Library. [More-->](#)

Sign up now: Berkeley High School Summer Opportunities Fair–This annual event, being held at Berkeley High School on March 7, 10am - 2pm, draws over 500 BHS students and is an excellent recruiting and outreach opportunity for UC Berkeley youth-serving programs. The event is a “one stop” location for students to learn about summer classes, jobs, paid and unpaid internships, laboratory/field research experiences, and volunteer opportunities. Exhibitors will be provided with a table to display their program materials and applications. Location: Berkeley High Jacket Gym, Allston Way, Berkeley. [Sign up here-->](#)

Funding opportunities & news

USDA Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom (SPECA) Challenge Grants Program - Deadline: 3/18. This opportunity is focused on improving formal, K-14 food, agricultural, natural resource, and human sciences education. Proposed projects must support for-credit, academic instruction with a primary focus in at least one of the following three grade levels: Agriculture in the K-12 Classroom, Secondary School, or Junior/Community College. [More-->](#)

Netflix founder announces \$100 million education fund - Netflix founder and CEO Reed Hastings recently announced the creation of the Hastings Fund, a new fund that will focus on education. The fund has already announced inaugural grants totaling \$1.5 million to the United Negro College Fund and Hispanic Foundation of Silicon Valley. [More -->](#)

Events

Feb 20–Oaklandish Science Festival – This event, being held at LakePark Garden Center in Oakland, is a unique opportunity for the Berkeley STEM community to engage in public outreach. The event is sponsored by the Museum of African American Technology in celebration of National Engineers Week and Black History Month. Organizers are reaching out to UCB STEM departments who would like to host an exhibit or a science activity. 6" tables will be provided. **For more info, contact [Hattie Carwell](#).**

Feb 25, 3-4:30 pm – Learn to use body language and voice to strengthen your message. This free workshop will give you insights about how body language and voice influence your delivery and impact your audience. The workshop is sponsored by the Foundation Center and will be held in San Francisco. [More-->](#)

May 2-6 – Smart and connected communities for learning: a cyberlearning innovation lab – Application deadline: March 1. The Center for Innovative Research in Cyberlearning (CIRCL) invites applications for this workshop to be held in Menlo Park, CA. The workshop will focus on research concepts and partnerships to advance the use of learning technologies in a variety of community settings. Travel expenses will be reimbursed for approximately 25 accepted participants. [More-->](#)

Resources

Programs for UCB undergrads, grads, and faculty at Lawrence Berkeley National Lab – LBNL offers a range of programs open to UC Berkeley students and faculty, including paid undergraduate research experiences, visiting faculty program, and faculty fellowships. [More-->](#)

Science and engineering indicators 2016 – This report by the National Science Board contains a broad base of quantitative information on the U.S. and international science and engineering enterprise. [More-->](#)

Logic models: a tool for designing and program evaluations – This report covers the use of logic models as tools for designing more effective program evaluations. [More-->](#)

News & views

Elite colleges sound a call to reshape admissions – Representatives of 56 top colleges and

universities—including UC Berkeley—put their names behind an effort to make the college admissions process more equitable and less stressful. It is unclear, however, whether the well-intentioned reforms proposed will trickle down to help those most often sidelined by the current process. [More-->](#)

Education spending gap widens between college haves and have-nots since recession – The Hechinger Report compares per-student spending across public and private universities and community colleges, noting that “those absorbing the most students spent less on them.” [More-->](#)

National study on STEM undergraduate education – A national study to analyze and measure improvements in the quality of STEM education will be conducted by the The National Academies of Sciences, Engineering, and Medicine, in partnership with the Board on Higher Education and the Workforce and the Board on Testing and Assessment. The study is expected to take 2 1/2 years and will focus on the first two years of undergraduate education. [More-->](#)

Barriers and opportunities for 2- and 4-year STEM degrees – Nearly 40% of students entering postsecondary institutions indicated their intention to major in a STEM discipline in 2012. Yet persistent barriers prevent a large percentage of these students from realizing their ambitions. [More-->](#)

Columbia unveils LGBTQ faculty diversity initiative, first among peer institutions – As part of a new initiative, Columbia University will hire 4 faculty members specializing in queer studies. These new hires are part of the Columbia Diversity Initiative, to which the University has committed \$83 million over the last decade to recruit and retain diverse faculty, and is the first initiative of its kind among peer institutions. [More-->](#)

To be young, gifted and black, it helps to have a black teacher – A new national study finds that black students are about half as likely as white students to be put on a "gifted" track, even when they have comparable test scores. When black students are taught by black teachers, they are identified for gifted programs at the same rate as their white peers. [More-->](#)

'Skills gap' continues to be a problem in technical careers – According to a new report on the so-called “skills gap” in the construction, agricultural, and industrial sectors, highly skilled technical workers are in short supply. The report recommends a renewed national emphasis on training for technical careers. [More-->](#)

Disparities in computer science courses in California high schools – A new report by the Level Playing Field Institute exposes one of the foundational causes of underrepresentation in computing: disparities in access to computer science courses in California's public high schools. [More-->](#)

Connecting teachers and ed-tech developers: lessons from NYC's Gap App program – This report focuses on Innovate NYC's Gap App challenge and pilot program, which invited developers to submit an app aimed at solving a specific learning challenge. A number of the apps were then piloted in NYC public schools. During the pilot period, the apps were used in classrooms, and teachers had opportunities to provide feedback directly to developers, in an effort to help make the apps more useful. [More-->](#)

Mobile apps for science learning – This review examined articles on mobile apps for science learning published from 2007 to 2014. One of the key recommendations that resulted from the review was the need for researchers to make more explicit connections between instructional principles and the design features of their apps in order to better integrate theory with practice. Another key finding was that more research is needed on how science mobile apps can be used with more varied science topics and diverse audiences. [More-->](#)

About us

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-->](#)

Acronym translator: STEM (Science, Technology, Engineering, Mathematics); NGSS (Next Generation Science Standards); NSF (National Science Foundation); K-12 (kindergarten through 12th grade).

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