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CEO message: CEO Updates

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Thu, May 28, 2015 at 5:20 PM

Reply-To: Coalition for Education and Outreach <education.outreach@lists.berkeley.edu>

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

CEO Updates is designed to inform and engage the Berkeley STEM education and outreach (E&O) community and our off-campus partners. If you have a newsworthy item you'd like to share with the community, please email [Kate Spohr](mailto:kate.spohr@berkeley.edu).

CEO invites your ideas and feedback

Each year, CEO surveys our members (*now over 250 strong!*) to find out how we better meet the needs of the E&O community. **Please take a few minutes to complete our 2015 CEO survey. Click here to begin.**

As you fill out the survey, you can also indicate interest in joining the **CEO Steering Committee to help us plan CEO meetings and events for 2015-2016**. The Steering Committee is a one year commitment and requires roughly five hours of time. We will meet in July to review survey results and set our agenda for 2015-2016. If you have questions, please let us know. CEO Co-chairs: [Kate Spohr](mailto:kate.spohr@berkeley.edu) or [Dan Zevin](mailto:dan.zevin@berkeley.edu).

Save the date

CESTEMER: Cultivating Ensembles in STEM Education and Research, UC Berkeley, June 10-12, hosted by UC Berkeley TRUST Center. This conference will explore how researchers, educators, artists, and enthusiasts converse as a community of science. The conference will feature presentations and workshops on topics including inclusion, outreach, and group dynamics, as well as professional development sessions on science communication. Register by June 7: <http://truststc.org/cestemer>. For questions: cecommitte@improvscience.org.

Girls-only youth summer hackathon, Oakland, June 19-21. Black Girls CODE will host a three-day girls-only hackathon in Oakland to encourage young women to build valuable skills in ideation, computer science, teamwork, and presentation of the course of this three-day event. Register at <https://blackgirlscode-hackathon-oakland-2015.eventbrite.com>. Limited scholarships available; email request to future@blackgirlscode.com.

Workshop at the New York Hall of Science Apply by May 31. NYSCI is soliciting participants for this fully-funded workshop, to bring together bright minds from across a range of disciplines, to help us think through how modern technologies (such as logs of exhibit interactions, technologies for tracking visitor movements) and methods (such as data mining and social network algorithms) can be used to address the challenge of documenting and understanding the learning that occurs in STEM museums. We are seeking participants who are established in their careers and very familiar with their fields, as well as those who are just beginning their work but who have a fresh perspective to share. Apply here: <http://nysci.org/next-gen-assessment/>. For questions, contact Leilah Lyons (llyons@nysci.org), Stephen Uzzo (suzzo@nysci.org), Kemi Jona (kjona@northwestern.edu), and Catherine Cramer (ccramer@nysci.org).

Opportunities

NIH Grantwriting Workshop at D-Lab (begins June 4 and runs for 5 weeks). This workshop is open to anyone interested in having the guidance, feedback and structure for writing a grant. Potential participants could be faculty who have not written an NIH grant before, postdocs or adjunct faculty, advanced graduate students, or even early stage graduate students who want to put together a dissertation grant. The workshop will run for 3 weeks, with 5 sessions meeting on Tu-Th for 2 hours, beginning Thursday, June 4. At the end of the workshop, participants will have a foundation to complete an application for a fall submission. Graduate students who complete the course will be reimbursed for the cost.

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM).

Deadline: June 19, 2015. Program Guidelines: [NSF 15-551](#). The Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) is a Presidential award established by the White House in 1995 and administered by the National Science Foundation (NSF). PAESMEM recognizes those who have made significant contributions to mentoring and thereby support the future and productivity of the U.S. STEM workforce. Nominations, including self-nominations, are invited for "Individual" and "Organizational" PAESMEM awards. Each awardee will receive a \$10,000 award and a commemorative Presidential certificate.

National education news

Women getting PhDs still face gender barriers. This NPR story features scientists from UC Berkeley. (KQED Science, May 18, 2015).

Student mentors keep high-schoolers engaged through college. (Chronicle of Higher Education, May 18, 2015).

Has nothing changed? Higher education is in the midst of a profound period of transition as public and private universities seek to address rapid changes in demography, declining completion rates, and spiraling costs. (Inside Higher Ed, May 27, 2015).

Four tips to close the gender gap in science Molly Wasser, a recent college graduate and an intern at NOVA Education, describes her journey from multimedia creator to science educator and explores why many young women are turned off to science at a very young age and what can be done to ignite their interest (NOVA Education, May 18, 2015).

Mathematics instruction for perseverance. This collection of six papers from the [Spencer Foundation](#) represent a range of perspectives and conceptual frameworks for understanding perseverance in mathematics.

Please note: A reply to this email will be sent to the entire list.

The Coalition for Education & Outreach (CEO) is self-formed group of staff, faculty, postdocs, and students on the Berkeley campus and surrounding community who work in science, technology, engineering and math education and outreach (E&O). During the academic year (Oct-May), we hold monthly meetings to further professional development, networking, and information exchange among members of our community. [Click here](#) to subscribe/unsubscribe to the CEO e-list and newsletter.