
CEO message: CEO Updates, 9/1/16

1 message

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CEO Updates, September 1, 2016

Spotlight

Tuesday, Sept 13, 4-6 pm, CEO fall social—CEO members old and new: it's time to reconnect and usher in the new academic year! Come join us for tasty snacks and a drink at the **Daily Pint**, 1828 Euclid, Northside of campus. [RSVP here](#).

New UCB STEM Equity & Inclusion Initiative—The Div. of Equity & Inclusion has mounted an ambitious new initiative to map UCB STEM diversity programming. STEM Equity Planning Director [Shaila Kotadia](#) is gathering information on STEM programs that aim to increase diversity in STEM fields at any level, from K-12 through faculty. CEO members are invited to fill out a simple [Google Form](#) to register their programs with the initiative. The collected data will be used to analyze trends/patterns, and then develop working groups to help identify campus-wide needs and opportunities. [Register your program here by 9/30/16](#).

Funding

AAAS Science & Technology Policy Fellowships—STPF fellowships provide opportunities for scientists and engineers to learn first-hand about policymaking while contributing their knowledge and analytical skills in the federal policy realm. [Apply by: 11/1/16](#). [More-->](#)

National Academy of Education Fellowships—Two opportunities: 1) [Dissertation Fellowship Program](#) seeks to encourage a new generation of scholars from a wide range of disciplines to undertake research relevant to the improvement of education. [Apply by: 10/6/16](#). 2) [Spencer Postdoctoral Fellowship Program](#) supports early-career scholars working in critical areas of educational scholarship. [Apply by: 11/3/16](#). [More-->](#)

Albert Einstein Distinguished Educator Fellowship (AEF) Program—[Apply by 11/17/16](#). The AEF program provides opportunities for accomplished K-12 STEM educators to work in a Federal agency or

U.S. Congressional office, bringing their extensive classroom knowledge and experience to further STEM education policy efforts. [More-->](#)

AAUW Community Action Grants Program—The American Association of University Women Community Action Grants Program funds individuals, institutions, and nonprofit organizations for innovative projects that promote education/equity for women and girls. Projects focused on the achievements of K-12 girls and community college women in STEM are particularly encouraged. [Apply by: 1/1/17.](#) [More-->](#)

Events

Free online courses on STEM teaching and assessment for grads, postdocs, faculty—1) *An Introduction to Evidence-Based Undergraduate STEM Teaching*—focuses on implementing evidence-based teaching strategies and effective methods for assessing teaching and learning. 2) *Advancing Learning Through Evidence-Based STEM Teaching*—Covers effective teaching strategies and research that supports them, and how to collect, analyze, and act upon evidence of student learning. [Register here by Sept 15.](#)

Friday, 9/16/16, 10:30-noon—The Art of Co-Facilitation: benefits and strategies for sharing facilitative leadership. This workshop will guide you through the benefits and learning opportunities inherent in co-facilitation, exploring tips/strategies for sharing time, space, and content. Location: 290 Hearst Mining Building.

Weds, 9/28/16, noon-1pm, Maintaining access to public higher education—CSU East Bay President Leroy Morishita will discuss the challenges facing higher education in California, and will share strategies CSUEB has implemented to increase access for California's most vulnerable students. Sponsored by the Center for Studies in Higher Education. Location: 832 Barrows Hall, UC Berkeley.

Resources

NSF data update on women, minorities, and persons with disabilities—This data update provides new statistics on STEM higher education enrollment, degrees awarded, and employment. [More-->](#)

Status and trends in the education of racial and ethnic groups—A new National Center for Education Statistics report on key indicators of educational progress and challenges students face in the US by race/ethnicity. [More-->](#)

Up Next, an app for keeping college/high school students on track—At the recent "Beating the Odds" Summit, Michelle Obama called for high school and college-age students to sign up with **Up Next**, which sends text-based messages about topics like applying for college, filling out the FAFSA, and paying back student loans after graduation. [More-->](#)

Opportunities

SACNAS seeks nominations for its board of directors—SACNAS (Society for Advancing Chicanos/Hispanics and Native Americans in Science) is looking for professional and student members who have a diverse array of experiences, including fund development and leadership, to join its board of directors. [Deadline: 9/16/16.](#) [More-->](#)

News & views

Americans know more than you think they do about science—US adults perform comparably to adults in other economically developed countries on most measures of science knowledge, says a new report from the National Academies of Sciences, Engineering, and Medicine. However, despite popular

assumptions, research shows that increasing science literacy does not lead to appreciably greater support for science. [More-->](#)

Social media conversations about race—African Americans are twice as likely as white Americans to use Twitter to share and interact with race-related content, a report from the Pew Research Center finds. A survey of 4000 adults found that 68% of African-American respondents said that at least some of the posts they see on social networking sites are about race or race relations, compared with 35% of white respondents. [More-->](#)

What does it take to get students ready for college?—With the increasing focus on preparing students for college and career, many states have turned to transition courses to fill in the gaps in students' high school education. The courses are targeted to high school seniors whose test results indicate that they are unlikely to be up to college-level work. If those students can avoid remedial classes in college, research shows they are much more likely to stay in school and earn a college degree. [More-->](#)

Think teachers aren't paid enough? It's worse than you think—A study co-authored by labor economist Sylvia Allegretto of Berkeley's Institute for Research on Labor and Employment finds that the weekly wages of U.S. public school teachers is 17% lower than comparable college-educated professionals. [More-->](#)

Funding down, tuition up—A report from the Center on Budget and Policy Priorities notes that state funding for higher education is \$10 billion below pre-recession levels. At the same time, public higher education institutions have raised tuition and diminished academic opportunities and student services. Rising costs deter low-income students from enrolling and may push them toward less-selective public institutions, reducing their future earnings. [More-->](#)

CEO Updates is the newsletter of the [Coalition for Education Outreach](#) (CEO), an informal working group of organizations 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. [Kate Spohr](#) and [Dan Zevin](#), CEO co-chairs, welcome your questions, comments, and ideas. [More-->](#)

Acronyms frequently used in this newsletter: E&O (education and outreach); STEM (Science, Technology, Engineering, Mathematics); STEAM (STEM + Art); NGSS (Next Generation Science Standards); NSF (National Science Foundation); NIH (National Institutes of Health); K-12 (kindergarten through 12th grade).

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