

## CEO Updates, Thursday Sept 15

1 message

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### CEO Updates, September 15, 2016

#### Spotlight

[Save the date—1st CEO monthly meeting of the year:](#)

**Tuesday, Oct 11, 12 pm - 1:30 pm, Culturally mindful program development.** Featured speaker- **Lisa Trahan, Lawrence Hall of Science.** Cultural competence, culturally responsive education, and cultural humility are terms that are frequently used in education and outreach work. What do they actually mean? And what are the key strategic and practical questions that must be addressed to ensure successful connect, and sustain engagement with diverse audiences? Location: 303 Doe Library.

#### Events

**9/17/16, 9am-3pm: Marine science education, free professional development day for grade 4/5 teachers**-Join Call of the Sea and The Marine Mammal Center for a free program preview day including sailing on the bay and diving into marine mammal and ocean health. Bolster your understanding of marine science education while discovering exciting field trip opportunities to enhance your science curriculum. Limited space available. [Register here.](#)

**10/13/16, 12 pm, Impacts of recent process changes in UC Berkeley undergraduate admissions**-Featured speaker: Professor Jesse Rothstein, Public Policy and Economics.  
Location: Academic Innovation Studio, Dwinelle 117, UCB campus.

#### Funding

**Undergraduate Transfer Scholarship** -Sponsored by the Jack Kent Cooke Foundation, this scholarship aims to enable the nation's top community college students to complete their bachelor's degrees by transferring to a selective four-year college or university. The Foundation students at up to \$40,000/year,

and is the largest private scholarship for two-year and community college transfer students in the country. [Deadline: 10/25/16. More-->](#)

**NSF Advancing Informal STEM Learning (AISL)**–AISL seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning opportunities for the public in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; and advance innovative research on and assessment of STEM learning in informal environments. The AISL program supports seven types of projects: (1) Collaborative Planning, (2) Exploratory Pathways, (3) Research in Service to Practice, (4) Innovations in Development, (5) Broad Implementation, (6) Conferences, and (7) Informal STEM Learning Resource Center (FY 2016 only). [Application deadline: Nov 8, 2016. More-->](#)

**Hearst Fellowship for Minority Students**–This fellowship is sponsored by the Aspen Institute Program on Philanthropy and Social Innovation and is open to both undergraduate and graduate students of color (based on academic excellence and need). The fellowship seeks to introduce a diverse group of students to issues affecting philanthropy, social enterprise, and nonprofit organizations. Recipients may arrange with their colleges or universities to receive academic credit for this experience. [Deadline: 11/22/16. More-->](#)

**The Leshner Leadership Institute**–An initiative of the AAAS Center for Public Engagement with Science and Technology, The Leshner Leadership Institute trains and empowers 15 Public Engagement Fellows each year to be agents of change in their communities and institutions. Fellows will convene for a week of intensive public engagement and science communication training and public engagement plan development. They will return to their institutions with a renewed commitment to develop and implement public engagement activities, a forum for training other scientists in their communities, and increased capacity for public engagement leadership. [Application deadline: 11/1/16. More-->](#)

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## Opportunities

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**UCB Distinguished Teaching Award**–The Academic Senate's Committee on Teaching is now accepting nominations for the 2017 Distinguished Teaching Award, the highest teaching award on the Berkeley campus. [Nomination deadline: 10/12/16. More-->](#)

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## News & views

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**Educational Apps from UC Berkeley reach significant milestone on App Store**–The science educational apps from the UC Berkeley's Lawrence Hall of Science achieved a cumulative total of 1 million total downloads on the App Store in early September. The apps cover a wide range of STEM topics and offer a rainbow of diverse experiences for users. The DIY (Do It Yourself) app series scaffolds hands-on science activities with beautifully illustrated step-by-step instructions and interactive media. The health game apps, Monster Heart Medic, I Got This: An Interactive Story, and Space Chef help reinforce healthy living through exciting gameplay, compelling characters, and rich narratives. And finally, Howtosmile lets users quickly search a giant collection of hands-on STEM activities. [More-->](#)

**Poor schools need to encompass more Than Instruction to succeed**–In this NYT op-ed, **Dean Prudence Carter, of Berkeley's Graduate School of Education**, writes about the need for schools to be seen in a broader context in order to justly serve poor and low-income youth. She concludes: "Equitably funded schools run by visionary educators, buttressed by strong local, state and national educational policies that center the entire context of students' lives, will be the ones to improve the academic mastery of America's most economically vulnerable children. They demand multiple solutions, deep investment and political will." Dean Carter is co-editor of Closing the Opportunity Gap: What America Must Do to Give Every Child an Even Chance. [More-->](#)

**Colleges' promises to diversify face one challenge: finding black faculty**–Even if they wanted to live up to their promises to hire more nonwhite professors over the next few years, the small number of

nonwhites in the doctoral pipeline will make that difficult. Only 6.4% of U.S. citizen or permanent resident research doctoral recipients in 2014 were black and 6.5% were Hispanic, according to the NSF. [More-->](#)

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**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-->](#)

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*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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