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**CEO message: CEO Updates-May 1, 2016**

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Sun, May 1, 2016 at 2:17 PM

To: "education.outreach lists.berkeley.edu" &lt;education.outreach@lists.berkeley.edu&gt;

**CEO Updates, May 1, 2016**

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**Spotlight**

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**Coming soon at CEO:**

**Tuesday, May 10, noon to 1:30 pm—Diversity Initiatives in the School of Public Health.** Featured speaker: **Durrain Ansari-Yan**, Diversity Outreach Coordinator, School of Public Health D.R.E.A.M. [Diversity, Respect, Equity, Action, Multiculturalism] Office. The D.R.E.A.M Office focuses on addressing current health disparities by increasing the diversity of the California public health workforce. In this session, Ansari-Yan will discuss the work the office does to recruit diverse students and support them through their graduate degree by conducting outreach, providing advising, supporting student organizations, hosting workshops, and leading work groups that address issues related to equity and inclusion. Location: 303 Doe Library. [More-->](#)

**The African American Male Pipeline Project (AAMPP)**, sponsored by the [Pre-College Trio Program](#) in the UCB **Division of Equity and Inclusion** and directed by CEO member **Abigail Garcia**, recently marked the first anniversary of a successful first year. Congratulations to the staff, supporters and partners of the program! AAMPP serves students in the West Contra Costa and Oakland Unified school districts, providing academic, social, physical, and emotional support to the young men it serves. AAMPP partners with

numerous organizations, including 100 Black Men, UCB African American Student Development Office, Alameda County Health Partnership Pipeline, Bay Area at Health Leads, UCB Biology Scholars, UCB Cal Nerds, and more. *If you are interested in getting involved, email [aampp@berkeley.edu](mailto:aampp@berkeley.edu). [More-->](#)*

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**Funding**  
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**National Council for Teachers of Mathematics** invites Proposals for three different types of grants. Deadline: 5/6/16. 1) Pre-K-8 Pre-Service Teacher Action Research Grants, 2) Training Grants for 9-12 Grade Math Teachers, and 3) In-Service Training Grants for Pre-K-5 Math Teachers. [More-->](#)

**NSF Improving Graduate Student Preparedness for Entering the Workforce (supplemental support)**—Deadline: Varies by Directorate/Office. One of NSF's priority goals is to improve graduate student preparedness for entering the workforce. As part of this goal, supplemental funding is available in FY 2016 and FY 2017 to support doctoral students. This Dear Colleague Letter (DCL) describes a variety of opportunities across the Foundation. [More-->](#)

**NSF Broadening Participation in Engineering (BPE) Program**. Deadline: 6/16/16. BPE is dedicated to supporting the development of a diverse and well-prepared workforce of engineering graduates. BPE supports research on issues associated with diversity within the engineering professoriate, with a particular interest in funding proposals focusing on underrepresented racial and ethnic minorities. [More-->](#)

**NSF Robert Noyce Teacher Scholarship Program**. Deadline: 9/6/16. The Robert Noyce Teacher Scholarship Program encourages talented STEM majors and professionals to become K-12 teachers. The program invites proposals that address the critical need for recruiting and preparing highly effective K-12 STEM teachers, especially in high-need locations. The program offers four tracks: Track 1: Teacher Scholarships and Stipends Track. Track 2: Teaching Fellowships Track. Track 3: Master Teaching Fellowships Track. Track 4: Research Track. In addition, capacity building proposals are accepted from proposers intending to develop a future Track 1, 2, or 3 proposal. [More-->](#)

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**Events & opportunities**  
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**May 17-23-NSF 2016 Video Showcase Advancing STEM for ALL** You are invited to view videos, join online discussion forums, and vote for your favorite videos from the more than 150 projects that will be highlighted in this year's "Advancing STEM for All" showcase. [More-->](#)

**2017 Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM)**. Deadline for nominations: Friday, June 17, 2016. PAESMEM is the highest honor bestowed on mentors who work to expand STEM talent. PAESMEM is accepting nominations for exemplary individuals or organizations working hard to nurture future STEM talent. Awardees receive \$10,000, and a presidential citation at a White House ceremony. [More-->](#)

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## New resource

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**New database of Federally-funded STEM opportunities.** Two easy-to-use web-based portals are now available to help undergraduates and graduate students easily search for Federally-sponsored opportunities in STEM. Opportunities for Graduates: <http://stemgradstudents.science.gov>. Opportunities for Undergraduates: <http://stemundergrads.science.gov/>

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## News & views

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**Grit under attack**—For more than a year, social justice activists have been attacking one of education's latest buzzwords: grit. They've been arguing that it's wrong to blame low-income students for not having enough of it. And they contend that education reformers should focus on fixing systems that keep families trapped in poverty instead of trying to "fix" students. Now a second front of attack on grit has opened up, led by quantitative researchers who contend that grit cannot be properly measured, nor is there evidence that it can lead to better test scores and grades. [More-->](#)

**Successful strategies for graduating low-income students**—Some standout public universities graduate large numbers of low-income students. What are they doing differently? This article focuses on success strategies from California State University-Stanislaus, CUNY Bernard M. Baruch College, and Massachusetts College of Liberal Arts. These include: assigning academic advisors to each student; providing peer mentoring; a host of academic and social support services; mandatory pre-freshman summer academic skills program; early alert systems that provide feedback on first semester students; and gathering "under one roof" a range of academic, financial, career, and support services. [More-->](#)

**Food assistance for college students**—There's growing consensus that the National School Lunch Program should be expanded to provide meals to low-income college students. *Diverse: Issues in Higher Education* discusses a new policy brief proposing the idea and outlines what implementation might look like. [More-->](#)

**National Public Radio "School Money" project**—Launching the first of its three-part "School Money" project, National Public Radio outlines the disparities in school district funding across the United States and the compromises that education leaders make when faced with a lack of resources. [More-->](#)

**Money, race, and success**—*The New York Times* summarizes the findings of a new study from Stanford showing that students in high poverty districts score an average of more than four grade levels below children in the richest districts. Data provided by the study charts the educational attainment in each U.S. school district. [More-->](#)

**Schools as organizations: examining school climate and student achievement in NYC**—During the last decade, education research and policy have generated considerable momentum to remake teacher evaluation systems and place an effective teacher in every classroom. But schools are not simply collections of individual teachers; they are also organizations, with structures, practices, and norms that may impede or support good teaching. Could strengthening schools—as organizations—lead to better outcomes for teachers and students? [More-->](#)

**How empathy—or lack thereof—plays into student suspensions**—School suspension rates have nearly tripled in the U.S. since the 1970s. Missed class means missed learning, and suspensions can predict future unemployment and even incarceration. *Science Magazine* reports on a new study suggesting that teachers' attitudes can have a dramatic effect on those rates. Frank Worrell, a professor in UCB's Graduate School of Education, says these findings highlight the importance of teacher expectations: "Those who too quickly decide that a student is a troublemaker will be less successful in helping that student gain an education." [More-->](#)

**Out of school time learning is critical for early STEM engagement**—The STEM Education Coalition recently released a new report making the case for increased investment in out-of-school-time learning as a core strategy in improving overall STEM education. The report, written for policymakers and education leaders, makes a strong case for why informal and afterschool learning must be an integral part of policies to improve STEM education across the board. [More-->](#)

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## About CEO

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**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-->](#)

If you have news, resources, events, or project highlights you'd like to share in our next newsletter, please contact [Kate Spohr](#).

*Frequently used acronyms: E&O (education and outreach); K-12 (kindergarten through 12th grade); NGSS (Next Generation Science Standards); NSF (National Science Foundation); STEM (Science, Technology, Engineering, Mathematics); STEAM (STEM+Art).*

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