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**Spotlight**

**Tues, Mar 14, noon-1:30 pm, How leadership training can inspire academic success for youth (CEO monthly meeting).** **Featured speaker:** Deborah McKoy, Director of YPLAN, Center for Cities and Schools. This presentation focuses on a highly-successful UC Berkeley program that has become a national model for youth leadership training.

Location: 303 Doe Library. More-->

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**Events**

**Fri, Feb 17, 3:30-5pm. Info session (and social) for Berkeley's Expanding Undergraduate Success in STEM project.** Berkeley's Expanding Undergraduate Success in STEM project is
funded by a grant from the Howard Hughes Medical Institute (HHMI) and led by John Matsui, director of the highly successful Biology Scholars Program. Meet members (faculty, staff, graduate students, and post-docs) of the Project's working groups and learn how you can get involved to help improve undergraduate STEM education at Berkeley. RSVP here-->

**Thurs, Feb 23, 5pm - Free webinar for educators: How Gratitude Can Improve Schools.**
Over the past decade, science has shown that the practice of gratitude can be transformational for students and the adults who work with them. This webcast, a presentation of the UCB Greater Good Science Center, offers practical strategies and exercises for fostering gratitude in schools, addressing students’ emotional challenges, and improving relationships between teachers and students. Advance registration *not* required. Link to the webinar-->

**Funding**

**National Education Foundation learning and leadership grants.** Deadline: 6/1/2017. This program provides grants to public school teachers, support professionals, and faculty/staff in public institutions of higher education in support of high-quality professional development experiences such as summer institutes or action research; or to groups in support of collegial study, including study groups, action research, lesson study, and/or mentoring experiences. The grant amount is $2,000 for individuals and $5,000 for groups engaged in collegial study. To be eligible, applicants must be a public school educator in grades pre-K–12, a public school education support professional, or a faculty or staff member at a public institution of higher education. More-->

**National Council of teachers of mathematics pre-K-6 classroom research grants.** Deadline: 11/3/2017. This grant supports and encourages classroom-based research in precollege mathematics education in collaboration with college or university mathematics educators. Funding of up to $6,000 will be awarded to mathematics educators or classroom teachers teaching pre-K-6th grade math. The research must be a collaborative effort involving a college or university mathematics educator (a mathematics education researcher or a teacher of mathematics learning, teaching, or curriculum) and one or more classroom teachers. More-->

**Opportunities**

**2017 Summer Activity Guide.** Deadline to submit: 3/1/2017. The EdFund’s annual Summer Activity Guide is an excellent (and free) opportunity to promote your safe, educational, and healthy summer programs to 22,000 households in West Contra Costa County. List your program here-->

**UCB Chancellor’s Awards for Public Service.** Nomination deadline: 3/8/2017. The Chancellor’s Awards for Public Service recognize students, staff, and faculty for their individual and collective efforts to benefit others locally and globally. The following award categories are offered: civic engagement; public service by undergraduates, graduate students, staff, and student groups; research in the public interest; community engaged teaching; campus-community partnerships; service to undocumented students. Nomination form and guidelines-->
NOAA contest for K-12 and college students to design content for NOAA’s Science on a Sphere®. Submission deadline: 3/17/2017. Students are challenged to create new maps, visualizations, and stories that help share NOAA’s mission in creative and innovative ways. Winners will receive NOAA recognition, promotion, and gift certificate. More-->

Resources

Women, minorities, and persons with disabilities in science and engineering is a congressionally mandated biennial report that provides a broad base of quantitative information about the participation of these three groups in science and engineering education and employment. The Digest highlights key issues and trends through graphics and text. Detailed data tables provide information on higher education enrollment, degrees earned, institution types, and financial support, as well as on employment status, sector of employment, occupations, and salaries. Surveys conducted by the National Center for Science and Engineering Statistics within the National Science Foundation provided a large portion of the data used in this report. More-->

Smart List for college access. College access is one of the most pressing issues facing education equity. The Smart List includes 50 organizations spreading college awareness, boosting college preparation, and encouraging college completion—with a special focus on low-income and first-generation students. More-->

News and Views

Accelerating momentum for women and girls in science. A blog post by Camille Crittenden, deputy director of the UCB Center for Information Technology in the Interest of Society (CITRIS) and the Banatao Institute of California, appeared in the Huffington Post in honor of the International Day of Women and Girls in Science (Feb. 11). More-->

Stereotypes about 'brilliance' affect girls' interests as early as age 6. By the age of 6, girls become less likely than boys to associate brilliance with their own gender and are more likely to avoid activities said to require brilliance, shows a new study conducted by researchers at NYU, the University of Illinois, and Princeton. More-->

Nurturing social emotional learning in out-of-school-time. The Silicon Valley Out-of-School-Time Collaborative launched in 2010 to support organizations in Silicon Valley working to help secondary school students build non-cognitive skills through a variety of out-of-school academic supports, including tutoring, academic advising, and summer programs. A new report found that the majority of participating students reported an increased interest in learning (81%), heightened academic motivation (80%), greater confidence in their ability to reflect (76%) and think critically (76%), and improved relationships with peers (76%). More-->

New data on college experiences of poor, minority students. A new report surveyed thousands of students who are alumni of KIPP Schools to examine their experiences in college. KIPP operates 200 public charter schools nationwide, with an enrollment consisting of 95% African American or Latino students, 90% of whom qualify for free or reduced price lunch. Large portions of surveyed students reported struggling to secure and access work-study jobs and career-relevant internships, facing food insecurity, and financially supporting family members.
More-->

College 101 for parents. The Chronicle of Higher Education reports that many college access programs for first-generation students are expanding their focus to include helping parents and families understand the procedures of the college application process. More-->

About CEO. The Coalition for Education and Outreach (CEO) was established in 2010 as a network of organizations, departments, and individuals on the UC Berkeley campus and in the greater Bay Area engaged in STEM education and outreach (E&O). We host the education.outreach listserv, publish this newsletter, and host meetings and networking events to facilitate collaboration and learning. Learn more/subscribe here-->