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CEO message: CEO Updates, June 1

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



CEO Updates, June 1, 2016

CEO

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**Daily Pint, 1828 Euclid Ave_(Northside)
as we usher in the summer.**

CEO elist digest mode—As a reminder, you can reduce your CEO email traffic by switching to "digest" mode. You'll receive all CEO messages batched into one message per day. [Click here](#) to change to digest mode.

Funding

NSF Research Experiences for Undergraduates (REU) program —Deadline: 8/24/16. The NSF REU program supports undergraduate research participation in any of the areas of research funded by the NSF. There are 2 mechanisms for support: 1) REU Sites fund projects that engage a number of students in research (typically 8-10 per year for 3 years). The typical funding amount is \$70,000-\$120,000 per year. 2) REU Supplements may be included as a component of proposals for new or renewal NSF grants or may be requested for ongoing NSF-funded research projects. **More-->**

Institutional grants for pedagogical innovation—The **UCB Center for Teaching & Learning** coordinates two programs that are vital to supporting pedagogical innovation across campus: **The Presidential Chair Fellows Curriculum Enrichment Grant** (PCF) funds up to 5 projects for up to \$20,000. PCF application deadline: 7/27/16.

The **Lecturer Teaching Fellows** (LTF) funds up to ten lecturers with continuing appointments or “pre-six” status. LTF application deadline: 7/20/16. Applications and info are available at program links above.

Resources

Interactive tool links student scores to demographics—A new interactive data tool by the Urban Institute provides adjusted National Assessment of Educational Progress (NAEP) scores that reflect each state’s demographic differences. The adjusted NAEP data takes into account free or reduced-price lunch eligibility, English language learner status, and other factors. **More-->**

On campus and in the community

Formerly incarcerated students lauded at first campus ceremony of recognition—Pride was a central theme for the 14 formerly incarcerated Berkeley graduates honored at a campus ceremony May 15. The ceremony was organized by the the Underground Scholars Initiative (USI), a campus student group that advocates for current and prospective students affected by the prison system. Keynote speaker, state Sen. Loni Hancock, D-Oakland, said the state plans to have community college and degree programs in every California prison by year's end. "Having spent so much time trying to break a pipeline, the school-to-prison pipeline, it's amazing now to work with the USI to build a new pipeline, the prison-to-school pipeline," Hancock said at the ceremony. [More-->](#)

Listening Campaign directed toward Richmond and West Contra Costa youth—Three years ago, the RYSE Center, with consult from UC Berkeley's School of Public Health, embarked on a "Listening Campaign" to hear and amplify youth voices in Richmond, cultivate shared values, develop strategies to help youth heal and thrive, and build bridges across organizations and systems responsible for supporting young people. [More-->](#)

Berkeley Chancellor's Partnership Fund supports community projects—Entering its 10th year, the fund aims to improve the quality of life in Berkeley through community service and neighborhood improvements. Since 2006, the fund has awarded \$2.5 million and supported 149 partnerships. [More-->](#)

UCB insources campus workers—UC Berkeley recently finalized plans to insource 69 campus workers from three private contract companies. The decision to insource workers was part of the Fair Wage/Fair Work Plan, a broader university movement aimed at supporting campus employees and raising their salaries. [More-->](#)

News & Views

MacArthur 'genius' Angela Duckworth responds to a new critique of grit—The term 'grit' expresses the idea that a crucial component of success is people's ability to pick a goal and stick with it. That's the main thrust of research by Angela Duckworth at the University of Pennsylvania, which has earned her a MacArthur "genius" grant and national acclaim. Many educators are concerned about how best to teach this noncognitive skill, and [EdSurge](#) provides an excerpt from a new book by Paul Tough on the topic. "If we want to improve a child's grit or resilience or self-control, it turns out that the place to begin is not with the child himself," states Tough. "What we need to change first, it seems, is his environment." [More-->](#)

Gates Foundation pledges \$80 million to close the gender data gap, accelerate progress for women – Announced by Melinda Gates last month at the Women Deliver conference in Copenhagen, the funding will address the lack of current, comprehensive information about women and girls, a gap that threatens efforts to advance gender equality and achieve the UN Sustainable Development Goals by 2030. The funding will fill critical data gaps, improve data accuracy, equip decision makers with evidence about effective interventions, and amplify and strengthen organizations and platforms that keep gender equality at the center of global development efforts. [More-->](#)

Two generations show better outcomes from integrated schools—Rucker C. Johnson, an associate professor in UC Berkeley's Goldman School of Public Policy, has tracked thousands of the children of America's racial education segregation era that ended in 1954. He has found that the more years of desegregated schooling African American parents had, the better outcomes their children had (higher math and reading test scores, less likelihood of repeating a grade, more likely to graduate to attend college). Johnson

explains that desegregation was accompanied by more educational spending, which helped these children learn more and eventually become better educated parents, who would raise their own children to work hard at school. [More-->](#)

Barriers and opportunities for STEM degree seekers—Nearly 40% of students entering 2- and 4-year postsecondary institutions indicated their intention to major in STEM in 2012. Yet, less than half of these students earn STEM degrees 4 to 6 years after their initial enrollment. Are STEM educational pathways any less efficient than for other fields of study? How might the losses be “stemmed” and greater efficiencies realized? These questions and others are at the heart of this study. [More-->](#)

Learning about learning: What every new teacher needs to know—Teacher preparation programs dedicate more time to instructional strategies than to any other subject, requiring both educational psychology and instructional methods courses and returning to this topic throughout other coursework. The rationale is obvious: Teachers must know how to promote learning and make it stick. A new report from the National Council on Teacher Quality argues that aspiring teachers are not being taught—in textbooks or in their coursework and training—the foundational knowledge about cognitive strategies that can help ensure children will learn. [More-->](#)

About CEO

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

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