

**COALITION FOR EDUCATION & OUTREACH (CEO) @ UC BERKELEY
EVENT ARCHIVE (2010-2020)**

2019-2020

Tuesday, Oct 1, 12-1:30 pm. Inclusion by design: practical tips for improving STEM equity. This moderated panel discussion features staff, faculty, and students sharing what they have learned over the years and tactics that can be used to foster a greater sense of belonging among women and minorities, which is applicable across STEM majors, and is especially important in tech fields. Each will share a story and their top three tips, followed by questions and discussion. The panel will be moderated by **Jill Finlayson**, Director of the [Women in Technology Initiative](#) (WITI) at UC. Panelists: **Rebekah Tang**, WITI student employee and data science rising senior; **Phillip Denny**, Director, [Big Ideas](#); **Nicole Cotton**, Ph.D. student, Organizing Committee for [Haas Othering & Belonging Conference](#), new [DeCal Course on Inclusive Pathways into Tech](#); **Chris Noble**, Assistant Director, [CaNERDS](#). Location: **290 Hearst Memorial Mining Building, UC Berkeley** [[map](#)].

Thurs, Oct 3, 4-5:30 pm. CEO Social. Celebrate the new academic year with CEO. Reconnect with friends and colleagues over tasty snacks & drinks at the Cornerstone Berkeley (no host bar). Location: **Cornerstone Craft Beer, Shattuck Ave, Berkeley.**

Tuesday, Nov 5, 12-1:30 pm. Family engagement: the secret sauce for empowering kids in STEM. How do we help close, rather than increase, the opportunity gap in STEM with family engagement? How do we make sure that every parent feels confident and has the resources to support their child in STEM? How do we reimagine family engagement as more than a one-time, end-of-program event? Panelists will share their lessons learned, bright spots, and challenges in supporting families in STEM. Panelists: **Linda Kekelis**, Advisor for the Family Engagement Project at STEM Next Opportunity Fund; **Michelle Rodriguez**, Visitor and Community Experiences Director at the Lawrence Hall of Science; **Courtenay Carr Heuer**, Co-founder and Executive Director of Scientific Adventures for Girls. Location: **290 Hearst Memorial Mining Building, UC Berkeley** [[map](#)].

Tuesday, Dec 3, 12-1:30 pm. How to produce a podcast. Podcasts provide a low-cost, engaging way to communicate your science to diverse audiences. In this mini-workshop, you will learn the basics of audio podcast production, including best practices for interviewing, narration, adding music and editing with Spext.co. We'll also discuss equipment, software, and resources to get you up and running. Presenter **Vicki Hammarstedt** is the architect and director for Berkeley Advanced Media Institute, having launched the program in 2011. An entrepreneur with a passion for all things digital, Vicki has had an eclectic career as a technology teacher, the developer of a charter school, co-founder of an e-commerce company, and as the business director in the telecom industry. She currently designs and produces multimedia training programs bringing the latest technologies and innovations in storytelling to career professionals throughout the world. Location: **Room 106, Upper News Room, North Gate Hall** [[map](#)].

2018-2019

Thurs, Sept 27, 4-6 pm. CEO Fall Social. Connect with CEO friends and colleagues over tasty snacks and drinks (no host bar). Location: Free House, 2700 Bancroft Way, Berkeley.

Tues, Oct 2, 12-1:30 pm. Broadening the Engineering Talent Pool: The Experiences of First-Generation College Students in Engineering. This panel presentation features Marvin Lopez and undergraduates from non-traditional backgrounds currently enrolled in the UC Berkeley College of Engineering. Pursuing a career in engineering is challenging for any college student, however the challenges that first-generation engineering students face can be even more pronounced. As Director of Programs in Engineering Student Services, **Marvin Lopez** oversees the very types of academic programs that he participated in as an engineering student at UCLA. Join Marvin and UC Berkeley engineering students **Miriam Almaraz**, **Daniel Santos**, and **Victor Zendejas Lopez** as they discuss the academic and cultural barriers they have faced and share how the Berkeley community can support current and future engineering students. Location: 290 Hearst Memorial Mining Building [[map](#)].

Tues, Nov 6, 12-1:30 pm. What the data tell us about persistence in lower-division prerequisites for STEM majors. Presenters: **Andrew Eppig**, Institutional Research Analyst, UC Berkeley Div. of Equity and Inclusion and **Roshni Wadhvani**, Research Associate, Public Profit. Berkeley's STEM departments have long struggled to improve persistence, particularly among non-traditional students, including women, underrepresented minorities, students with disabilities, and students from low socioeconomic backgrounds. Previous analyses have shown that persistence gaps appear by the time students complete their lower-division course requirements, typically in their second year of study. Until recently, however, we have not known where and when these persistence gaps begin. In this presentation, Eppig and Wadhvani discuss the results of a new analysis that tracks intended majors across all STEM fields from year one through graduation, producing high-resolution metrics on student persistence across time. Their analysis highlights persistence patterns, identifies barrier courses, and pinpoints junctures where timely interventions might significantly improve the persistence of STEM majors. Location: 290 Hearst Memorial Mining Building. Location: 290 Hearst Memorial Mining Building [[map](#)].

Tues, Dec 4, 12-1:30 pm. Making the most of resources at the Berkeley Library: A workshop for STEM E&O professionals. In this interactive forum designed specifically for CEO members **Margaret Phillips** (Education, Gender & Women's Studies, Psychology Librarian) and **Michael Sholinbeck** (Public Health Librarian) will lead you in a hands-on exploration of the many resources available to help you do your research—including resources available to non-UCB community members. Their presentation will cover such basics as how to use the [UC Berkeley Library](#) to efficiently access millions of books and thousands of online databases, and will demonstrate how these resources in turn lead to millions of articles, online books, and other resources and tools. Going beyond the basics, they will show you how to use library resources to easily get detailed information about your community, including education, demographics, health status, and much more; how you can in seconds make a map of—for example—the number of children living in poverty by school district for any part of the United States; or how to easily track legislators' voting history and donor lists. Last, but not least, they will describe the assistance available from professional librarians who can help you navigate these myriad resources. Location: 290 Hearst Memorial Mining Building [[map](#)].

Tuesday, Feb 5, 12 – 1:30 pm. Evaluating the impact and outcomes of STEM programs: A common sense approach. Are your STEM programs, activities, events, courses & curricula really reaching their intended audiences? What are students and other participants actually learning from them? As science educators and outreach specialists, we strive to create high-quality STEM programs that have the greatest possible impact. In this moderated panel presentation, you will learn about the numerous available tools and resources that can help you measure and assess your results. Evaluation experts and STEM program directors will discuss how to integrate evaluation into your program design; when/how to partner with experts and when it makes sense to conduct your own evaluation; how to use evaluation results to strengthen your project outcomes; and how to communicate impact to stakeholders. Presenters: **Kalie Sacco**, Lawrence Hall of Science; **Mac Cannady**, Lawrence Hall of Science; **Teresa Barnett**, Community Resources for Science (a non-profit science education organization); **Lea Marlor**, Center for Energy Efficient Electronics Science (an NSF-funded science and technology center headquartered at UC Berkeley). **Location: 290 Hearst Memorial Mining Building** [[map](#)].

Tuesday, Mar 5, 12 – 1:30 pm. Citizen Science can be an Extraordinary Gateway to STEM Learning and Engagement! There are a number of research projects on campus that have employed, or are currently employing, the public (aka citizen scientists) to help with data collection and/or analysis. Some of these projects have been groundbreaking “first-of-a-kind” efforts, and many have been highly publicized. But are they all they could be from an education and public outreach perspective? Similarly, are other campus researchers missing opportunities to employ citizen scientists, from both research and E&O perspectives? This session will bring together a panel representing citizen science project leaders and experts, and will focus on successes, failures, and lessons learned. We’ll raise questions such as How should citizen science participants be managed? and Are citizen scientists purely data collection devices or are they equal members of the research team and fellow investigators? In addition, best practices and resources in citizen science will be shared, with special attention to education and outreach considerations. Panelists: **Elizabeth Cash** ([Backyard Biodiversity Project](#)), **Emily Harris** ([BSCS Science Learning](#)), **Juan Carlos Martínez Oliveros** and **Vivian White** ([Eclipse Megamovie Project](#)), and **Andrew Westphal** ([Stardust@home](#)). Session organizers and hosts: Dan Zevin, Teresa Barnett, and Lea Marlor. **Location: 290 Hearst Memorial Mining Building** [[map](#)].

Tuesday, Apr 2, 12 – 1:30 pm. Collaboration "Swap Meet "— Are you looking for a partner or collaborator for a new/ongoing project? Do you have a proposal idea you'd like feedback on? An issue or topic you'd like to brainstorm with others? A technical issue or a challenge you need help with? What do you need? What can you offer? The Swap Meet provides an open, non-judgmental space for discussion and networking. We hope that you will join us and come to the meeting with an idea/resource/opportunity/question/challenge you would like to share with others. **Discussion facilitators: Dan Zevin and Kate Spohr. Location: 290 Hearst Memorial Mining Building** [[map](#)].

Tuesday, May 7, 12 – 1:30 pm —Creating pathways to success for girls in STEM. Join us for a discussion with leaders of three Bay Area programs that are engaging, retaining, and empowering girls in science, technology, engineering, and mathematics (STEM). Learn about their approaches, challenges, successes, insights, and how their

work fits into the broader field and society. *Featured speakers and programs:* **Lizzie Hager-Barnard**, Ph.D., Program Director, [Girls in Engineering](#), UC Berkeley; **Emily Pilloton**. Founder and Executive Director, Project H Design / [Girls Garage](#) and Lecturer, UC Berkeley College of Environmental Design; **Folasadé Ogunbanwo**, Math and Science Programs Coordinator, UC Berkeley Center for Educational Partnerships, Pre-College Trio Programs, including [Womyn in STEM Education \(WISE\)](#). **Location: 290 Hearst Memorial Mining Building** [\[map\]](#).

Saturday, June 15, 11:30am-1:30 pm—CEO 10th Anniversary Summer Social.
Westbrae Bierhaus, Berkeley.

2017-2018

Thurs, Sept 28, 4-6 pm. CEO Fall Social. Connect with CEO friends and colleagues over tasty snacks and drinks (no host bar). Location: Free House, 2700 Bancroft Way, Berkeley.

Thurs, Oct 12, noon-1:30 pm: *Demographics, Persistence, and Climate for UC Berkeley STEM Undergraduates.* Presenter: **Andrew Eppig**, institutional research analyst, Div. of Equity and Inclusion. STEM departments are a microcosm of broader campus patterns for undergraduate representation, persistence, and climate at Berkeley. Students from marginalized communities, including women, underrepresented minorities, students with disabilities, and students from low socioeconomic backgrounds are deeply underrepresented in STEM departments compared to the rest of campus. Their underrepresentation begins when they arrive at Berkeley and becomes progressively more pronounced as fewer who intend to major in STEM declare a STEM major, and even fewer graduate with a STEM degree. Eppig examines the harsh local climate in STEM departments that contributes to the persistence gap—including non-inclusive teaching environments, implicit bias, lack of support structures, etc. — and presents new research on two long-standing programs that appear to ameliorate the persistence gap and suggest broader interventions to improve the undergraduate experience for all majors. Location: 337B Cory, UC Berkeley campus.

Thurs, Nov 9, noon-1:30 pm. *Developing outreach activities to highlight your research.* Why should science outreach be an essential component of research labs and scientist training? In this session, we focus on how to develop an outreach activity that highlights the focal research of your lab group or program. What should you consider when developing activities, and what resources are available to help you succeed? Panelists from two campus lab groups will provide insights on best practices for engaging audiences and lessons learned from their experiences. Presenters: **David Whitney**, Professor, Department of Psychology; **Brian Wang**, PhD student, Sarpong lab, Department of Chemistry; and **Traci Grzymala**, Community Resources for Science. Location: 375 LeConte, UC Berkeley campus.

Thurs, Dec 14, noon-1:30 pm. *STEM in the Media: Insights from KQED Science and UCB Media Relations.* Are you a researcher who would like to share your science with a wide audience? Or are you involved in STEM education and outreach and want to

connect with the media to highlight your events? This interactive forum will feature: **Craig Rosa**, senior digital editor-KQED Science, and series producer-Deep Look; and **Bob Sanders**, manager, science communications, UC Berkeley Media Relations. Rosa and Sanders will discuss how to capture the media's attention and effectively communicate your STEM activities. Location: 375 LeConte Hall, UC Berkeley campus.

RSVP is required for this session (see instructions below)

Thurs, Jan 11 (2018), noon-1:30 pm: From STEM to STEAM: Exploring E&O Opportunities with Berkeley Art Museum/Pacific Film Archive (BAMPFA). Featured speaker: **Lynne Kimora**, collections engagement associate and academic liaison, BAMPFA. CEO is invited to a behind-the-scenes visit to the acclaimed Berkeley Art Museum, which curates many exhibits that draw connections between art and science. BAMPFA is also deeply committed to engaging with students and the community. In this session, we will hear about their science-related programs, including a sneak preview of the Spring 2018 series on Earth, Air, Fire and Water – which will demonstrate both the aesthetic and scientific aspects of the four elements. We'll also explore ways that CEO and BAMPFA can collaborate to support our related efforts in education, outreach and diversity. Following the session, all CEO attendees are welcome to tour the museum on their own and enjoy the delicious offerings at Café Babette. Admission is free for all CEO participants who RSVP in advance. Space is limited. RSVP to Dan Zevin, dzevin@ssl.berkeley.edu. Location: BAMPFA, 2155 Center Street, Berkeley.

Thursday, Feb 8, noon-1:30 pm. *Incorporating Socio-Scientific Issues to Enhance Student Engagement and Three Dimensional Learning.* Presenter: **Maia Binding**, Curriculum Developer, Lawrence Hall of Science. This interactive workshop focuses on a model inquiry-based middle school unit on ecology developed by the Lawrence Hall of Science and the American Museum of Natural History. The unit is aligned with the Next Generation Science Standards (NGSS) and weaves in socio-scientific issues that are directly relevant to students' lives. Pilot testing shows that the unit significantly increases student interest, advances critical thinking, and sparks argument based on evidence. Workshop attendees will participate in a small-group demonstration activity showing how socio-scientific issues are used to encourage deeper engagement with STEM content. Location: 337 Cory, UC Berkeley campus.

Thursday, Mar 15, noon-1:30 pm. *Elevating the Priority of Science and Environmental Literacy in Schools.* Presenter: **Vanessa Lujan**, Lawrence Hall of Science. Environmental literacy provides important depth to science, math, and history/social science content, helping to illuminate connections between natural resources, climate science, geography, data science, historical societies, and economic and political realities of today. Environmental literacy is more important than ever, and is integral to successfully achieving the ambitious goals of the [Next Generation Science Standards \(NGSS\)](#), and [Common Core State Standards](#). Lujan will present the Hall's work with districts that are elevating science and environmental literacy across grade levels. In this session, participants will learn and share how stakeholders can advocate and support key district capacities in science education and environmental literacy. Location: 337 Cory, UC Berkeley campus.

Monday, Apr 9, noon-1:30 pm. (Date has changed!) A Conversation with Oscar Dubón, UC Berkeley Vice Chancellor of Equity and Inclusion. In this wide-ranging discussion, **Oscar Dubón, Jr., Berkeley's third Vice Chancellor for Equity and Inclusion**, will discuss his vision and priorities for achieving greater equity and inclusion in science and engineering at UC Berkeley. Dubón, a campus material science and engineering professor, most recently served as the associate dean of equity and inclusion in the campus's College of Engineering and was awarded the 2016 Chancellor's Award for Advancing Institutional Excellence and Equity. In a recent interview, Dubón said equity and inclusion is "part of UC Berkeley's DNA." Our discussion will focus on STEM teaching, mentoring, and research practices. The session will conclude with an open Q&A session. Location: 290 Hearst Memorial Mining Building.

Thurs, May 10, noon-1:30 pm. Science through Story. Presenter: **Sara ElShafie**, doctoral candidate, integrative biology. This hands-on workshop trains participants to share science using story techniques developed in collaboration with artists at Pixar Animation Studios. Participants will learn how to employ these techniques to enhance science teaching and reinforce learning, with tools designed to facilitate creativity and accessibility in science education and outreach. The workshop will combine demos with group discussion and hands-on story development. Location: 337B Cory, UC Berkeley campus.

Tues. June 5, 4-6 pm. CEO Summer Social. Relax, reconnect, and usher in the summer with CEO friends and colleagues. Location: Free House, 2700 Bancroft Way, Berkeley.

2016-2017

Thurs, June 15, 4:00-6:00 pm

CEO Summer Social: Relax, reconnect, and usher in the summer with CEO friends and colleagues. [Free House](#), 2700 Bancroft Way, Berkeley, CA. [RSVP HERE!](#)

Tues, May 9, 12-1:30 pm

CEO MEETING: This month's featured speaker, Michelle Hoda Wilkerson, is an Assistant Professor at UC Berkeley's Graduate School of Education. Dr. Wilkerson studies how young people learn with and about computational representations – things like computer simulations, data visualizations, or interactive graphics. She is especially interested in finding ways to give learners experience with computational representations in ways that are tightly connected to, and therefore feasible within, the existing K-12 curriculum. For example, the [SiMSAM project](#) explores how middle school students engage in model-based inquiry using an animation and simulation toolkit that allows them to first build models using stop-motion animation, and then translate those models to formal computational simulations with a menu-based programming interface. Similarly, the [DataSketch project](#) studies how enabling learners to build their own data-driven animations using digital ink sketching might serve to support exploration and modeling of the quantitative relationships that underlie systems. In this talk, Prof. Wilkerson will provide an overview of her research agenda—focused on

connecting theories concerned with learning by design, idea diversity, and community knowledge building—and a broad description of emerging results. Location: 303 Doe Library.

Tues, Apr 11, 12-1:30 pm

CEO MEETING: Showcasing the E&O work of UC Berkeley student-led STEM organizations. Many UC Berkeley student-led STEM organizations regularly provide or take part in education and outreach activities in our local communities. What are they doing, what drives them, and what are the opportunities to partner with them? Come meet with members of some of the more active of these groups, including Berkeley Engineers And Mentors (BEAM), the Cognitive Science Student Association (CSSA), the Society of Physics Students (SPS), and the Berkeley Student Food Collective (BSFC) to get answers to these questions and more, including some hands-on demonstrations of their E&O activities. Meeting leaders: Rachel Winheld, Science@Cal, and Dan Zevin, Space Sciences Lab. Location: 303 Doe Library.

Tues, Mar 14, 12-1:30 pm

CEO MEETING: Center for Cities and Schools (CC+S)'s Y-PLAN - An initiative to engage young people in city planning and social transformation. Featured speaker: Deborah McKoy, CC+S Executive Director, Y-PLAN creator and lecturer in Dept. of City Planning and Graduate School of Education. Engaging young people in critical analysis and revitalization of their cities provides powerful civic leadership and college readiness opportunities. [Y-PLAN \(Youth - Plan, Learn, Act, Now\)](#) is an award-winning model of civic, project based learning that provides students authentic and rigorous community based research experiences that closely follows the scientific method. Location: 303 Doe Library.

Tues, Feb 14, 12-1:30 pm

CEO MEETING: Creating successful partnerships with K-12 schools. This session explores what it takes to build successful partnerships with teachers, schools, and/or districts. Panelists will highlight several partnerships, spanning multiple districts and grades K-12. Topics of discussion will include critical elements for partnership success, strategies for addressing challenges, and potential opportunities for new and expanded partnerships to address school needs. Panelists include: Cheyenne Pronga, STEM Lead & Science Teacher, MetWest High School, Oakland; Joanna Totino, Director, Bay Area Science Project, Lawrence Hall of Science; and Betsy Mitchell, Berkeley Natural History Museums. Location: 303 Doe Library.

Tues, Jan 10, 12-1:30 pm

CEO MEETING: Working successfully with youth who have experienced trauma. Recognizing the effects of trauma and understanding how to address trauma are important skills for program managers who serve youth from underserved and impoverished communities. In this session, a panel of expert program managers and

youth educators will discuss how best to address the needs of this population through appropriate program design, recruitment strategies, support structures, staffing, and evaluation metrics, among other strategies. Panelists include: Kimberly Aceves, Director, RYSE Center (Richmond); Dr. Vicki Zakrzewski, Education Director, UC Berkeley Greater Good Science Center; and Jermaine Harris, Success Program Coordinator, African American Male Pipeline Project/ Womyn In STEM Education Project, UC Berkeley Pre College TRIO Programs. Location: 303 Doe Library. *Note: Vicki Zakrzewski was unable to participate due to illness.*

Tues, Dec 13, 12-1:30 pm

CEO MEETING: Diversifying engineering: Challenges and opportunities.

Speaker: Sheila Humphreys. This session addresses the challenges and opportunities of achieving greater diversity in the field of computer science and electrical engineering, but many of lessons learned are broadly applicable to all STEM disciplines. Humphreys is a recipient of the Presidential Mentoring Award which recognizes individuals for their mentoring of persons from historically underrepresented groups. She served as the first UC Berkeley campus STEM Diversity Coordinator in the College of Engineering, and as Director of Diversity in the Electrical Engineering and Computer Science (EECS) Department for 30 years. She will discuss her experiences as an early advocate of diversity at UC Berkeley, and will provide insight into key ingredients that are necessary for a successful diversity effort at the undergraduate and graduate level, as well as strategies that have proven effective over time. Location: 303 Doe Library.

Tues, Nov 8, 12-1:30 pm

CEO MEETING: Understanding and Addressing Unconscious Bias in

STEM. Unconscious or implicit bias can hinder diversity in STEM, but the impact can be mitigated by the use of strategies to recognize and address these biases. Speaker Cat Adams, UCB PhD candidate in Plant and Microbial Biology and organizer of the UCB student group, the Unconscious Bias Project (UBP), will discuss studies on the role of unconscious bias in STEM diversity, share tips for reducing our own implicit biases, and provide strategies to address unconscious bias in others to promote more inclusive and diverse environments. Click [here](#) to learn more about UBP, and follow UBP on Facebook and Twitter (@UBP_STEM). Location: 303 Doe Library.

Tues, Oct 25, 12-1:00 pm

CEO Special Session: Harnessing UC Berkeley professional learning resources to support K-12 educators.

Presenters: Rachel Reinhard, Director, UC Berkeley History Social Science Project (Graduate School of Education), and Shane Carter, Office for Resources on International and Area Studies (ORIAS). Individuals on campus who work with the Bay Area educator community have begun meeting to: 1) learn more about each other's work and offerings, 2) determine whether there are ways to support each other's work, and 3) discuss possibilities to coordinate the sharing of information with the K-12 community. This network has come together to develop a specific calendar for UCB-sponsored PD Opportunities for Educators. In this session, we will share a bit

about this new network of offices and discuss opportunities to collaborate others on campus.

Tues, Oct 11, 12-1:30 pm

CEO MEETING: Culturally mindful program development. Featured speaker: Lisa Trahan, Lawrence Hall of Science. Cultural competence, culturally responsive education, and cultural humility are terms that are often used in education and outreach work. What do these terms actually mean? What are the key strategic and practical questions that a program manager must address in order to successfully reach, connect, and engage with diverse audiences? Location: 303 Doe Library.

Tues, Sept 13, 4-6 pm

CEO "New Year" SOCIAL. This annual social is to welcome CEO members, old and new, and to usher in CEO's sixth year as an inclusive community of practice for STEM education and outreach practitioners. All are welcome! The no-host bar features a large selection of beers on tap (also wine and non-alcoholic beverages); tasty snacks will be provided. Location: Daily Pint, 1828 Euclid, Berkeley (on Northside of campus).

2015-2016

SOCIAL: Tuesday, June 14-4:30-6:00 pm, The Daily Pint, Northside. Join CEO colleagues and friends in an informal, relaxed setting. Light snacks and no-host bar.

MONTHLY MEETING: 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 present day 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](#).

MONTHLY MEETING: Tuesday, April 12, noon to 1:30 pm—First Generation College Students and Alumni Speak Out. A panel of diverse first-generation-to-college UC Berkeley students and alumni discuss their journeys in higher education, including successes and challenges they encountered along the way. They will discuss the people, resources, and opportunities that made it possible for them to successfully navigate academic, social, and cultural hurdles at UC Berkeley. Panelists: Ivon Pena, undergrad; Khoa Ngo, grad student, School of Public Health; George Zamora, UCB alum and UCOP staff member. Location: [303 Doe Library](#).

MONTHLY MEETING: Tuesday, March 8, 12:30 to 2:00 pm (note-later than usual start time!) —A Conversation with Na'ilah Suad Nasir, UC Berkeley's new Vice Chancellor of Equity and Inclusion. In a recent campus profile, Professor Nasir said that Berkeley, "can create a climate [...] that people would emulate across the

nation.” In our conversation we will ask and explore the strategies and goals that Professor Nasir is seeking to focus on in building this climate. From her wide ranging scholarship and community involvement and campus leadership, we aim to leave with a sense of the current equity and inclusion challenges and the opportunities and needs for our programs to improve the campus and community. Please note the start time for this session is 12:30 pm (rather than the usual 12:00pm). Location: [303 Doe Library](#).

MONTHLY MEETING: Tuesday, February 9, noon to 1:30 pm—Viewing your E&O project through the eyes of the funder — Presenters: Dave Trinkle, Matt Andrews, [Berkeley Research Development Office](#); Sylvia Bierhuis, David Siegfried, [UCB Corporate and Foundation Relations](#). In an increasingly competitive funding climate, it is critical for grantseekers to understand the shifting priorities of STEM education and outreach funders so that they can target the most likely funders and align their projects appropriately. This practical and interactive session will provide an overview of a range of sponsor types, and will focus on best practices for working with them. We will discuss techniques to identify appropriate funders; the importance of tailoring the project to the funder; adding scale and value to the project by collaborating with campus and community partners; and how and when to approach a prospective funder. The session will include an overview of tools and resources available for researching funding opportunities. There will be ample time for discussion, so please come prepared to share your funding challenges and questions. Location: [303 Doe Library](#).

SPECIAL TRAINING EVENT: Thursday, February 4, 9 am to 1 pm—Working with minors on campus. (Registration required). This free training, provided by the Campus Risk Services Group, is strongly recommended for staff, faculty, grad students, and postdocs who interact with children and youth under age 18 in UC Berkeley-sponsored programs. Space is limited and registration is required. Please inquire about space availability at risk@berkeley.edu. The first part of the program will cover what to watch out for when hiring staff and volunteers who work with minors. During the second part of the program, Risk Services will present information about when and how to report suspected abuse or neglect of a minor in accordance with UC Berkeley’s policy on Activities Involving Minors. Lunch will be provided. Location: [Haas Pavilion Club Room](#), UCB Central Campus.

MONTHLY MEETING: Tuesday, January 12, noon to 1:30 pm—Teacher-scientist Partnerships in Local K-12 schools. Featured speakers: Caleb Cheung, Science Manager, [Oakland Unified School District](#) (OUSD), and Matt Hinckley, Berkeley middle school science teacher on special assignment to guide [Berkeley Unified School District](#) (BUSD) through planning/implementation of the Next Generation Science Standards (NGSS). What are the needs of teachers/schools/districts in light of new science standards, and how can scientists, engineers, and researchers best support and connect with K-12 education? Our speakers will share information about the early NGSS implementation work in OUSD and BUSD, focusing particularly on ways in which local schools are involving scientists and engineers. Location: [303 Doe Library](#).

MONTHLY MEETING: Tuesday, December 8, noon to 1:30 pm—Close-up on the Berkeley Public Service Center(PSC). Featured speaker: [UC Berkeley Public Service Center](#) director, **Sandra Bass**. Founded by students in 1967, the PSC partners with the community, student leaders, and faculty to engage over 5,000 students each year in public service and through jobs, internships, and courses. Sandra joined the PSC in early 2015. In this session, she will discuss the PSC’s mission and work, as

well as her top priorities for the Center. As a graduate student at Berkeley, Sandra's doctoral research focused on the capacity of communities to effect urban policies and practices by exploring the dynamics between city politics, police, and communities in Oakland and Seattle. For 4 years, Sandra served as an Asst Professor of Criminology and Political Science at the University of Maryland, College Park where she incorporated service learning into both her graduate and undergraduate courses. In 2002 Sandra joined the David and Lucile Packard Foundation as a Policy Analyst/Program Officer where she managed a diverse portfolio that provided over \$70 million in grants to nonprofit organizations both domestically and internationally. In 2009 she took on leadership of the Foundation's SubSaharan Africa portfolio which sought to improve women's reproductive health access and outcomes by facilitating policy change, women's empowerment, movement building, and girl's education in Ethiopia, Kenya, Tanzania, Rwanda, and Nigeria. Upon leaving the Foundation, she volunteered for the Obama campaign in the battleground states of Colorado and Nevada and later, was appointed Executive Director of Teach With Africa, a San Francisco based nonprofit that provides cross cultural, reflective, and experiential service learning opportunities for K-12 teachers in the U.S. and South Africa. She also serves as Board Chair of the Ella Baker Center for Human Rights in Oakland. Sandra holds a BA from San Jose State University and an MA and PhD from U.C. Berkeley, both in Political Science. Location: [303 Doe Library](#).

MONTHLY MEETING: Tuesday, November 10, noon to 1:30 pm—Meaningful and Measureable Making—Featured speaker: Rena Dorph, Director of the Research Group at the [Lawrence Hall of Science](#). Many individuals, programs, and organizations have embraced the idea that “making” can spark and foster STEM engagement and learning. Making has been characterized by interest-driven engagement in creative production at the crossroads and fringes of disciplines such as science, technology, engineering, art, and math. Many advocates and researchers argue that making has emerged as an engaging entry point and activity for STEM education. Given the variability of making experiences, how do we know that making is making a difference? This talk will explore these issues and share insights about how research and evaluation in making can inform practice, leading to deeper participant engagement and better learning outcomes. Location: [303 Doe Library](#).

MONTHLY MEETING: Tuesday, October 13, noon to 1:30 pm —UC Berkeley Center for Teaching and Learning. Richard Freishtat, director of the [Center for Teaching and Learning \(CTL\)](#), will discuss how the Center works with Berkeley faculty and departments to enhance teaching and learning effectiveness in the areas of pedagogy, curriculum, and assessment. He will also discuss two recent NSF-funded projects for which CTL provided consultation in program design, curriculum development, and training. Joining Richard will be Catherine Halversen and Lynn Tran from the [Lawrence Hall of Science \(LHS\)](#) who worked with CTL on the *Redefining the College Lecture* project; and Jo Yuen from the [Center for Energy Efficient Electronics Science \(E3S\)](#) who worked with CTL on a Research Experiences for Teachers (RET) program that teaches context-based learning to community college faculty. Location: [303 Doe Library](#).

SOCIAL: Thursday, Sept 10, 4:30-6:00 pm—CEO beginning-of-year social. Join CEO colleagues and friends in an informal, relaxed setting. Light snacks and no-host bar. Location: [Celia's Mexican Restaurant, 1841 Euclid Ave, Berkeley, CA 94709](#).

2014-2015

Tuesday, October 21, 12:00 -1:30 pm, 303 Doe—Understanding the Next Generation Science Standards Although California adopted the Next Generation Science Standards (NGSS) in September 2013, plans for implementing the standards are still being unveiled and much is yet to be determined. This meeting will focus on how the NGSS came to be, how they tie in with the Common Core Standards, and most importantly, what is still to be decided. Whether you are partnering with teachers in the classroom or providing them with professional development, this session will provide you with an overview of what teachers need to know now and where the gaps are.

Presenter: **Linda Shore**, Executive Director of the [Astronomical Society of the Pacific](#), formerly Director of the [Teacher Institute at the Exploratorium](#). Linda has co-authored Exploratorium science and education books, and written articles about popular science and science education for the public. A native San Franciscan, she holds a EdD in science education, and a master's degree in physics and astronomy from San Francisco State University. Meeting host: **Dan Zevin**, dzevin@ssl.berkeley.edu.

Tuesday, November 18, 12:00 -1:30 pm, 303 Doe — Kris D. Gutiérrez, Professor of Language, Literacy and Culture at the UCB Graduate School of Education.

Gutiérrez was most recently a professor of Learning Sciences/Literacy and the Inaugural Provost's Chair, University of Colorado, Boulder and Professor Emerita of Social Research Methodology at Graduate School of Education and Information Science at UCLA. She is a national leader in education, with an emphasis in literacy, learning sciences, and interpretive and design-based approaches to inquiry. She is a member of the National Academy of Education and is the Past President of the American Educational Research Association and the National Conference on Research on Language and Literacy. Gutiérrez was appointed by President Obama and confirmed by the U.S. Senate as a member of the National Board for the Institute of Education Sciences where she served as Vice Chair. Meeting host: **Dan Zevin**, dzevin@ssl.berkeley.edu.

Special Networking event

Friday, November 21 (3:30-4:30 pm, 550 Sutardja Dai Hall) —Networking and Collaboration Event The Center for Energy Efficient Electronics Science invites you to an informal gathering that aims to facilitate networking, information exchange, and collaboration within the campus education and outreach community. Take a little time off from your busy schedule to chat and share with your colleagues. Light refreshments will be served. Please RSVP to info@e3s-center.org.

Tuesday, December 16, 12:00 -1:30 pm, 303 Doe —Models of Success: Building and Retaining Diversity in STEM A major challenge in diversifying STEM fields is the retention and preparation of undergraduates from traditionally underrepresented groups, such as underrepresented minorities, first-generation college students, students from disadvantaged backgrounds, and women, so that these students can successfully go on to postgraduate education and STEM careers. Lack of role models, a sense of community within STEM, knowledge about career options, resources needed engage in research, and high school preparation are some of the factors that can create barriers for these students. Come hear from the leaders of three well-respected and successful UC Berkeley undergraduate STEM diversity programs - The Biology Scholars Program, Cal NERDS, and The Compass Project – as they describe the challenges underrepresented undergraduates in STEM face and the specific ways in which their

programs have helped thousands of underrepresented students excel and remain in STEM fields over the years. Panelists: **John Matsui**, Biology Scholars Program; **Diana Lizarraga**, Cal NERDS; **Hilary Jacks**, The Compass Project. Meeting host: **Rachel Henderson**, rhenderson@berkeley.edu.

Tuesday, January 20, 11:30 am -1:00 pm, 303 Doe —Resources to Help Graduate Students Prepare for Non-Academic Careers Most US research institutions are facing challenges in preparing their grad students and postdocs for an increasingly competitive job market, partly resulting from a shrinking pool of academic positions. This session focuses on several campus initiatives and programs to address this issue. Hear from representatives from several campus programs aimed at helping graduate students and post-docs explore non-academic STEM career options, including: PIEP: Postdoc Industry Exploration Program; Berkeley Postdoc Entrepreneurs Program (both are programs of the Visiting Scholars and Postdoc Affairs office); Beyond Academia; SLAM (STEM Leadership and Management). The presentation will include a panel discussion and Q&A. Meeting host: **Teresa Barnett**, <mailto:teresa@crscience.org>.

Tuesday, February 17, 11:30 am -1:00 pm, 303 Doe —Close Up: The Berkeley Research Development Office The Berkeley Research Development Office (BRDO), launched in 2012 by Vice Chancellor of Research Graham Fleming, provides a range of proposal-related services aimed at increasing research funding on campus while decreasing faculty burden in applying for it. Over the past year, BRDO has added staff to our team and expanded our services. In this session, we will give an overview of federal funding trends (nationally and at UC Berkeley), and will discuss BRDO's proposal services, web-based resources, and Broader Impacts tools. We will also give an update on our involvement with other campus groups to make STEM education and outreach activities more visible, coordinated, and accessible. Presenters: Dave Trinkle, Erica Whitney, Kate Spohr.

Tuesday, March 17, 11:30 am -1:00 pm, 303 Doe — What's the big deal about Broader Impacts? All NSF reviewers use two major criteria to rank proposals: intellectual merit and broader impacts. In this session, we'll look at what Broader Impacts are and why they are important. A new organization, The [National Alliance for Broader Impacts](#) (NABI) was recently launched with a 5-year \$500,000 NSF grant. NABI is a national network of professionals who share ideas and resources to help scientists at research institutions design, implement and evaluate their Broader Impact activities. **Kaye Storm**, a member of the NABI Steering Committee board and the Director of the Stanford Office for Science Outreach, will discuss how and why the group got started and what it hopes to accomplish. Meeting host: Kate Spohr kspohr@berkeley.edu.

Special session

Tuesday March 24, noon to 1:00 pm, 303 Doe—Working with minors on campus Does your education and outreach involve work with minors? Are you interested in learning more about the official UC Berkeley campus policy on "Activities Involving Minors"? Do you have questions about this new policy? If you answered yes to at least one of these questions, please come to this open, friendly, and non-judgmental discussion with Risk Services' **Andrew Goldbatt**.

Tuesday, April 21, 11:30 am -1:00 pm, 303 Doe — Close up on the Jacobs Institute for Design Innovation The new Jacobs Institute aims to expand the role of design in

engineering education at Berkeley. This undergraduate-focused Institute offers hands-on practice with design automation, rapid prototyping, team-based learning, and commercial development across all engineering disciplines and spanning the entire cycle of design, testing and manufacturing. The Institute will be housed within Jacobs Hall, a new 24,000 SF building on the northside of campus and will open in August 2015. **Emily Rice**, an engineering graduate and the Jacobs Institute's Director of Programs & Operations, will present. Meeting host: **Dan Zevin**, dzevin@ssl.berkeley.edu.

Tuesday, May 19, 11 am to 1 pm, 303 Doe—Update on the [Berkeley Global Campus at Richmond Bay](#). For this final meeting of the year, **Ruben Lizardo**, Director of Local Government & Community Relations, will give an update on recent developments at the Berkeley Global Campus at Richmond Bay, focusing on the Community Working Group and its recently created education sub-committee. The presentation will be followed by **an informal networking reception**. Meeting host: **Kate Spohr**, kspohr@berkeley.edu

2013-2014

October 8, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center
Diversity initiatives at the College of Engineering— What is the College of Engineering doing to diversify enrollment at the undergraduate/graduate level? This discussion focuses on several promising new initiatives. *Meeting host: Meltem Erol, Director of Graduate Outreach, Engineering Dean's Office, merol@berkeley.edu.*

November 12, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center
Addressing the STEM gender gap at the primary/secondary school level — A discussion of new research and best practices to help girls foster a love for science, technology and engineering. Speakers: Linda Kekelis, Jen Joyce, and Sherry Hsi. Linda Kekelis and Jen Joyce are affiliated with Techbridge, a nonprofit based in Oakland with a mission to inspire girls to change the world through science, technology and engineering. Sherry Hsi oversees the learning technology research program at Lawrence Hall of Science where she leads TechHive, an engineering program for students ages 14-17, and CalGirls, a project to build a network of girl-serving STEM programs across California (affiliated with the National Girls Collaborative Project). *Meeting host: Kate Spohr, kspohr@berkeley.edu.*

December 10, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center
Coordinating campus STEM E&O efforts —Verna Bowie from the UCB Office of the Vice Chancellor of Research reports on recent efforts aimed at making UC Berkeley's STEM education and outreach activities *more visible, coordinated, and accessible* to faculty, students and the public. *Meeting host: Rachel Winheld, winheld@berkeley.edu.*

January 14, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center
Richmond Bay Campus update — UCB proposes to establish a new major research campus at property it owns in Richmond on the San Francisco Bay six miles northwest of campus (the Richmond Field Station). Julie Sinai, Director of Local Government and Community Relations, reports on opportunities and challenges that the new campus presents to E&O professionals. *Meeting host: Kate Spohr kspohr@berkeley.edu.*

February 11, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

Working with minors on campus (part 1) — Does your education and outreach involve work with minors? Are you interested in learning about the official UC Berkeley campus policy on “Activities Involving Minors” that is about to be released? Do you have questions and/or comments about this new policy? If you answered “Yes” to at least two of these questions, then please come to this open, friendly, and non-judgmental discussion on the new Cal policy on working with minors presented by Risk Services’ Andrew Goldbatt. *Daniel Zevin, Publication Education Specialist and Founder of Bay Area Teen Science, will serve as host and moderator (dzevin@ssl.berkeley.edu).*

March 11, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

Perspectives on E&O from grad students and postdocs — A wide-ranging discussion featuring undergrads, grads, postdocs who are exemplars in education and outreach. What motivates students to get involved in E&O? What do they need/want from these experiences? How can STEM professionals make it easier for students to participate? *Meeting host: Theresa Barnett, teresa@crscience.org.*

March 18, noon to 1:30 pm, 221 Stanley Hall (special meeting added to calendar)

Working safely with minors in labs (part 2) — Speakers: Erike Young, ERM Deputy & Director - Environment, Health & Safety UC Office of the President, and David Moore, Lab Safety Specialist, UC Berkeley Health and Safety Team. *Meeting host: Kate Spohr.*

April 8, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

CEO collaboration swap meet — Are you looking for a partner or collaborator for a new/ongoing project? Do you have a proposal idea you'd like feedback on? An issue or topic you'd like to brainstorm with others? A technical issue you need help with? What do you *need*? What can you *offer*? The CEO Swap Meet provides an open, non-judgmental space for discussion and networking. If you'd like your request and offer included in a summary document to be e-mailed out to the CEO listserv after the meeting, please e-mail details to carisa@berkeley.edu by April 14, 2014 (Friday after the meeting). Meeting host: Carisa Orwig, carisa@berkeley.edu.

May 13, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

University-based STEM outreach programs: A social justice approach — This presentation will discuss what we are describing as a "social justice approach" to STEM outreach and education. Drawing on experiences with STEM outreach from several organizations including OSMO and SMASH:PREP, we argue an approach to STEM that is rooted in social justice values involves several facets: community partnerships, critical and culturally relevant pedagogy, parental involvement, innovative tools, and caring relationships. We hope to generate dialogue about potential ways the university can create synergistic relationships with community partners to better serve underrepresented students in STEM fields, while also advancing research on issues of equity in STEM education. Featured speakers: Sepehr Vakil, Dawn Williams, Jeremiah Sims, Sarah van Wart. *Meeting host: Dan Zevin.*

2012-2013

October 9, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

Introducing the Berkeley Research Development Office — Senior staff from the new Berkeley Research Development Office will discuss the scope of services that their office will provide, the ways that they will interact with the faculty, and how they are hoping to coordinate their work on proposal development with CEO. Speakers: David

Trinkle, Director of Research Development, and Erica Whitney, Senior Research Development Analyst.

November 13, noon to 1:30 pm, 250 Sutardja Dai Hall (*Note: room change*)

Diversity update from colleges of Engineering, Chemistry and L&S — A wide-ranging discussion about diversity initiatives, goals, successes and challenges in the Colleges of Engineering, Chemistry and Letters and Sciences. Faculty leaders discuss the importance of diversity and steps they are taking to recruit and retain a more diverse student body. Speakers: Oscar Dubon, College of Engineering, Anne Baranger, College of Chemistry, Debra Nolan, College of Letters & Sciences. Moderator: Avi Rosenzweig, Nanoscale Science/Engineering Graduate Group. *Co-sponsored by the Center for Energy Efficient Electronics Science (E3S).*

December 11, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

Science communication: Tools you can use to design your own science communication training — The Museum of Science in Boston has created a series of workshops for training undergrads, grad students and postdocs to communicate their science to a broad audience. The speakers will provide an overview of the workshops, share their experiences implementing the workshops, provide resources and tools you can adapt for your own use, and lead an open discussion on best practices for training young scientists to improve their communication skills. Speakers: Sharnnia Artis, Education Director, Energy Efficient Electronics Science (E3S), Meltem Erol. Education Director, Center for Integrated Nanomechanical Systems (COINS).

January 8, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

Where are Science@Cal and CEO headed? — Over the last five years, the science outreach community at Berkeley has become larger, more connected and diverse. Within that community, Science@Cal and CEO are thriving and developing new directions. At this meeting, Kate and Rachel will share updates and plans for the year ahead, and welcome your feedback. Speakers: Kate Spohr, CEO chair, and Rachel Winheld, director, Science@Cal.

February 12, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

CEO collaboration swap meet — Members are invited come to the meeting with an open mind and a collaborative spirit to the meeting. Do you have a project for which you are seeking a partner or collaborator? A grant idea you'd like feedback on? An issue or topic you would like to brainstorm with others? Or a technical issue you need help with? What do you *need*? What can you *offer*? In the spirit of collaboration, consider bringing a salty or sweet treat to share with others.

March 12, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

Conference report-out — CEO members review what they learned at recent conferences of interest to professionals working in STEM education and outreach. Chair: Lisa White ldwhite@berkeley.edu. Speakers: Dan Zevin, Space Sciences Lab, and others TBA.

April 9, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center *CANCELLED.*

Communicating Science —this discussion will provide a case study of a project that aims to train graduate students and postdocs to more effectively communicate their science: Speaker: Carisa Orwig.

May 14, noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

Strategies for involving scientists in K-12 teaching — Community Resources for Science (CRS) will facilitate a conversation about involving scientists, especially grad students, in hands-on science teaching in local schools. CRS works with hundreds of Cal grad students across all science departments (including engineering). We provide a brief overview of our coaching and training to prepare scientists for working with young students and to develop effective lessons, and then grad students will share about their experiences: their motivation, what kinds of support makes it manageable for them to participate, what they learn and how it impacts their science. (Pending: May include another campus representative to discuss working with high school students or K-12 teachers.) Presenters: Sandra Lee-Takei, BASIS Program Coordinator, Seychelle Vos and/or Kristen Seim, Graduate students and BASIS campus coordinators.

2011-2012

Tuesday, October 11, 2011, Noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

Evaluation and Assessment — Ardice Hartry, from Lawrence Hall of Science's Research, Evaluation and Assessment Group, and Ruth Paglierani, from the Center for Science Education at the Space Sciences Lab, will discuss LHS evaluation and assessment services and give tips for how to work with an evaluator. *Chaired by Nancy Ali, nancy.ali@ssl.berkeley.edu.*

Tuesday, November 8, 2011, Noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

Science@Cal — Discussion about the long-term vision for Science@Cal, and possible future projects. The session will include a recap of the Bay Area Science Festival. *Speaker: Rachel Winheld, winheld@berkeley.edu.*

Tuesday, Dec 13, 2011, Noon to 1:30 pm, Cory Hall, Room 337B, Trust Center

Mentoring mentors — Best practices to recruit, train and retain great research mentors. *Chaired by: Heidi Faison, hfaison@berkeley.edu.*

Tuesday, Jan 10, 2012, Noon to 1:30 pm, Conference Rm, 5th Fl, Sutardja Dai Hall

Identifying motivated students and postdocs for E&O projects — Megan Voorhees, Assistant Dean of Students and Director of the Cal Corps Public Service Center, will discuss the Cal Corps resources available for students, faculty and staff who are engaged in community-based outreach and research. Pierre Karam, Berkeley Postdoctoral Association, discusses BPA's network of postdocs interested in volunteering for short and long term E&O opportunities. *Co-chaired by: Avi Rosenzweig, victorr@EECS.Berkeley.EDU and Teresa Barnett, teresa@crscience.org.*

Monday, February 13, 2012, Noon to 1:30 pm, Room 240, Sutardja Dai Hall

An Overview of Diversity at UC Berkeley: Moving Forward in the 21st Century — Speakers: John Matsui, Assistant Dean, Biological Sciences & Director of the Biology Scholars Program, and Ryan Shelby, Advanced Graduate Student in Mechanical Engineering. *Chaired by Meltem Erol, merol@berkeley.edu.*

Tuesday, March 13, 2012, Noon to 1:30 pm, Room 240, Sutardja Dai Hall

Communicating science to non-scientists — A panel of media makers and communication experts discuss strategies for communicating science. Speakers: Andrea Kissack, Sr. Science Editor, KQED; Len de Groot, Interactive Design and Data Instructor, UCB Knight Digital Media Center; Judy Scotchmoor, Assistant Director of the

UCB Museum of Paleontology and project coordinator of the “Understanding Evolution” website. *Chaired by Judy Scotchmoor, jscotch@berkeley.edu.*

Wednesday, April 11, 2012, 11:30 am to 1:00 pm, 808 Stanley Hall

Special event for early career faculty sponsored by CEO: NSF CAREER Proposal Workshop — Get an overview of the application process for CAREER Grants, with tips on applying and insider advice from current awardees, and learn how faculty can take best advantage of Berkeley's existing education and outreach programs to maximize the impact of the broader impacts section of their proposals. The CAREER Program is one of the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education, and the integration of education and research. Panelists: Susan Marqusee, Professor of Molecular and Cell Biology, Chris Anderson, Assistant Professor of Bioengineering, Amy Herr, Assistant Professor of Bioengineering, Sayeef Salahuddin, Assistant Professor of Electrical Engineering and Computer Sciences. *Chaired by Kate Spohr, kspohr@berkeley.edu, Meltem Erol, merol@berkeley.edu, and Sharnnia Artis, sartis@eecs.berkeley.edu.*

Tuesday, May 8, 2012, Noon to 1:30 pm, Room 554, Sutardja Dai Hall

End-of-year CEO member discussion and lunch — Discussion will focus on the direction and purpose of CEO as an organization, ideas for future topics, and ways CEO can broaden our impact on campus. Lunch will be provided to all who RSVP. *Chaired by Kate Spohr, kspohr@berkeley.edu. Lunch is courtesy of SynBERC.*

2010-2011

March 11, 2010 — *NSF Research Experiences for Teachers (RET)*

What does it take to fund and run a Research for Teachers program? What are NSF's expectations? This discussion will focus on best practices learned from Berkeley's first RET program, sponsored by the Synthetic Biology Engineering Research Center (Synberc). Speaker: Kate Spohr, kspohr@berkeley.edu.

April 8, 2010 — *Working cross-culturally in science education*

Speakers: Laura Peticolas and the Center for Science Education at the Space Sciences Laboratory with special guests Chuck Striplen (San Francisco Estuary Institute), Mari Lyn Salvador (Hearst Museum) and Lindsay Irving (Cal Academy of Sciences).

May 13, 2010 — *Close up: Biology Scholars Program (BSP)*

BSP challenges the "by the numbers" popular view (e.g., SATs and high school GPAs as good predictors of success) about who can and should do science. Over the past 20 years, of the 2080 BSP graduates, 60% have been underrepresented minorities (African American, Hispanic, and American Indian), 70% women, and 80% from low-income backgrounds and/or the first in their family to attend college. Speaker: John Matsui.

June 3, 2010 — *Close up: CalTeach*

Calteach is a program for UCB undergraduate science, math, and engineering majors interested in exploring careers in education. Speakers: Elisa Stone and Nicky Nunes.

September 9, 2010 — *Close up: Office of Equity & Inclusion (E&I)*

Established in 2007 by Chancellor Robert Birgeneau, E&I sponsors an array of programs to permanently embed equity, inclusion, and diversity in the fabric of UC

Berkeley's academic and work environment. Speakers: Gibor Basri, Vice Chancellor of Equity and Inclusion; Marsha Jaeger, Director of the Center for Educational Partnerships; and Gail Kaufman, Director of Center for Educational Partnerships - School/Univ Partnerships.

October, 2010 — *No meeting.*

November 4, 2010 — ***Close up: Community Resources for Science (CRS)***

Community Resources for Science is a local hub for teachers, science/environmental education programs, and scientists; its mission is to help educators use science resources to engage students in hands-on learning experiences. CRS's Community in the Classroom outreach program brings over 200 Cal grad students into local elementary school classrooms each year. www.crscience.org, www.firstgiving.com/crscience2010. Speakers: Teresa Barnett, Executive Director, Community Resources for Science, Leah Witus and Kristen Seim, Campus Volunteer Coordinators, Community in the Classroom.

December 9, 2010 — ***Science at the Oakland Unified School District***

Oakland has one of the strongest district-wide science programs in California. Caleb Cheung, the District's Science Director, will talk about OUSD's science programs and where they are headed. He'll also discuss opportunities for campus entities to effectively partner with the schools. <http://science.ousd.k12.ca.us/>. Speaker: Caleb Cheung, Science Director, Oakland Unified School District.

January 13, 2011 — ***Close up: Stanford Office of Science Outreach (OSO)***

Stanford University's Office of Science Outreach encourages and assists Stanford faculty to engage in science outreach. Reporting to Stanford's Dean of Research, the OSO serves faculty throughout the University by assisting them in creating outreach project ideas and proposals, identifying potential partners (both within Stanford as well as K-14 schools, science museums, etc), and facilitating information and resource sharing among all of the University's science outreach programs. <http://oso.stanford.edu/>. Speaker: Kaye Storm, Director, OSO.

February 10, 2011 — ***Close up: UCSF Science & Health Education Partnership (SEP)***

SEP offers a suite of programs, including classroom based scientist-teacher partnerships, workshops for teacher and scientists, professional learning communities, a lending library of science materials, and a summer internship program for high school students. SEP has been in operation for over 20 years and is active in over 85% of SFUSD's 115 schools each year involving over 300 K-12 teachers and 250 UCSF volunteers. <http://biochemistry.ucsf.edu/programs/sep/>. Speaker: Rebecca Smith, Associate Director, SEP.

March 10, 2011 — ***Close up: Transfer Alliance Project (TAP)***

The Transfer Alliance Project (TAP) prepares low income and educationally disadvantaged community college students to be competitive applicants for transfer to Berkeley in all majors. The program serves more than 750 students annually at thirty-one community colleges. More than 80% of TAP applicants to Berkeley are accepted each year, a rate that is three times that of transfer applicants overall. TAP services include multi-year one-to-one course planning & advising and assistance with the transfer application, required essays and scholarships. Academic enrichment activities include summer research and course opportunities at Berkeley. Through the Community

College Transfer Center (CCTC), TAP staff provide drop-in advising to the broader community college student population and professional development to college staff and faculty. <http://cep.berkeley.edu/>. Speakers: Marsha Jaeger, Director, UCB Center for Educational Partnerships (CEP); Keith Schoon, Director, TAP & CCTC; and Patricia Lin, Director, TAP Summer Research Program.

April 14, 2011 — *Recruiting diverse students in summer research programs*

Recruiting diverse student populations into summer research programs continues to be a challenge. Amgen, COINS, and SUPERB – COE (not currently funded) have developed strategies in not only recruiting diverse populations but continuing the pipeline into doctoral programs at Berkeley and other prestigious graduate programs across the nation. Speakers: Meltem Erol, Director, Education, Outreach and Diversity, COINS and former co-Director, SUPERB REU; Audrey Knowlton, Biological Sciences Graduate Diversity Director, and Program Director for the Amgen Scholars Program.

May 12, 2011 — *E&O best practices and lessons learned*

Members share their challenges and successes in running education and outreach programs on campus. Participants are encouraged to share their ideas, best practices, and resources with others.