

- **Please note:** all workshops are open to everyone ,
- RSVP is required: <https://csep.cnsi.ucsb.edu/forms/PDS/Registration.php>

# FALL 2015 CALENDAR

## PROFESSIONAL DEVELOPMENT SERIES

### (PDS)

#### FOR POSTDOCS AND GRADUATE STUDENTS

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**Career Talk: Knowing Your “Why” (co-sponsored by CBE, WiSE, and GSDS)**

Emily Garcia (Manager, Clinical Development at Mentor Worldwide LLC, a Johnson & Johnson Company)  
Thu, October 1st, 2PM, Elings Hall 1601

**Bridge to Business: How to Leverage Your Ph.D to Transition to Industry (co-sponsored by Career Center, Graduate Division, Network Science IGERT, NRI, WiSE, and GSDS)**

Isaiah Hankel  
Wed, October 14th, 10AM, ESB 1001

**CCST Science and Technology Policy Fellowships (co-sponsored by Graduate Division)**

Annie Pierce (CCST Program Manager), Shannon Muir (CCST Fellow 2014-15), Tepring Piquado (CCST Fellow 2012-13)  
Tue, October 20th, 3PM, Elings Hall 1601

**Academic Job Search Panel (co-sponsored by Graduate Division)**

Moderated by Mary Hagerty (Associate Dean and Professor of Psychological and Brain Sciences)  
Panelists: Aaron Ettenberg (Psychological and Brain Sciences), Michelle O'Malley (Chemical Engineering), Dar Roberts (Geography)  
Wed, October 28th, 3:30PM, Elings Hall 1601

**Career Talk: From EE to CEO: A Case Study of a Non-linear Career Path (co-sponsored by CBE, Corporate Affiliates, WiSE, and GSDS)**

Nancy Stagliano (CEO at True North Therapeutics, Inc.)  
Tue, November 3rd, 4PM, Elings Hall 1601

**From Ph.D to Picture Books: Everything I Needed to Know (for an Alternative Career) I Learned in Grad School**

Julie Dillemoth, PhD (Children's Author)  
Thu, November 19th, 3PM, Elings Hall 1601

**Academic-Adjacent Careers for Ph.Ds (co-sponsored by Graduate Division)**

Moderated by Meredith Murr (Director of Research Development at the Office of Research)  
Panelists: Brandt Burgess (Research Integrity Director at the Office of Research), Rose Elfman (Managing Editor for Publications at the Center for Black Studies Research), Julie Standish (Research Intern Coordinator at the Materials Research Laboratory), Barbara Walker (Director of Research Development for Social Sciences, Humanities, and Fine Arts at the Office of Research)

Tue, December 1st, 12:30 PM, SRB Room 1112

**Career Success for Ph.D-level Scientists and Engineers (co-sponsored by AIM Photonics)**

Bill Lindstaedt (Executive Director Career Advancement, International and Postdoctoral Services (CAIPS), UCSF)  
Tue, December 8th, 1:30 PM, MIT, UCSB, and UCD joined via Webex

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#### **Career Talk: Knowing Your “Why” (co-sponsored by CBE, WiSE, and GSDS)**

Emily Garcia (Manager, Clinical Development at Mentor Worldwide LLC, a Johnson & Johnson Company)  
Thu, October 1st, 2PM, Elings Hall 1601

**Event Description:** Dr. Emily Garcia is a scientist and writer. Currently Emily manages a team of clinical research associates and medical writers to evaluate and report on the safety and effectiveness of medical devices manufactured by Mentor Worldwide. Emily’s excited to share her journey from graduate school to medical writing to managing clinical studies. In discussing her career path and where she sees herself going in the future, she hopes to share some tips on how knowing your “why” will help guide you on your career path. Emily received her PhD in Molecular Biology from UCSB in 2007.

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#### **Bridge to Business: How to Leverage Your Ph.D to Transition to Industry (co-sponsored by Career Center, Graduate Division, Network Science IGERT, NRI, WiSE, and GSDS)**

Isaiah Hankel  
Wed, October 14th, 10AM, ESB 1001

**Event Description:** LEARN HOW TO THINK LIKE AN INDUSTRY PROFESSIONAL: Most academics approach their transition with an academic mindset, which can limit their abilities to secure a position. Become a more competitive candidate by understanding the differences. Use strategy to successfully navigate your transition and gain credibility. Gain leverage by learning how to position yourself in the job market so industry professionals want to hire you. And get access to storied and information PhDs use to make the transition. Isaiah Hankel, Ph.D. is a Fortune 500 consultant, international speaker and a bestselling author, who combines a scientific approach with a tangible methodology to create a system anyone in academia can use to adapt to today in a changing academic landscape.

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#### **CCST Science and Technology Policy Fellowships (co-sponsored by Graduate Division)**

Annie Pierce (CCST Program Manager), Shannon Muir (CCST Fellow 2014-15), Tepring Piquado (CCST Fellow 2012-13)  
Tue, October 20th, 3PM, Elings Hall 1601

**Event Description:** The California Council on Science and Technology was created to provide California with objective, nonpartisan advice on policy issues that involve science. CCST runs a Fellowship Program that places 10 PhD scientists each year as aides to lawmakers in the California Assembly and Senate. They research issues, assess policies, and draft laws based on facts and real science. Since the program started six years ago, fellows have worked on over 700 bills. The fellowships are ideal for qualified applicants who are interested in improving the interface between science and legislative decision-making and who want to learn the public policy decision-making process. Following the one-year program, alums from this program have moved on to an impressive array of policy-oriented, professional positions. The deadline for fellowship applications is Saturday, February 25 2016. Shannon Muir received her PhD in Biomedical Sciences from UC San Diego where she studied a rare form of cancer in children. Tepring Piquado received a Ph.D. in neuroscience from Brandeis University and a B.S. in computer science from Georgetown University.

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#### Academic Job Search Panel (co-sponsored by Graduate Division)

Moderated by Mary Hagerty (Associate Dean and Professor of Psychological and Brain Sciences)

Panelists: Aaron Ettenberg (Psychological and Brain Sciences), Michelle O'Malley (Chemical Engineering), Dar Roberts (Geography)

Wed, October 28th, 3:30PM, Elings Hall 1601

**Event Description:** Questions on seeking out jobs in academia are bound to be of interest to graduate students and post-docs alike, with a tips on refining your job search and making use of your professional network.

#### Career Talk: From EE to CEO: A Case Study of a Non-linear Career Path (co-sponsored by CBE, Corporate Affiliates, WiSE, and GSDS)

Nancy Stagliano (CEO at True North Therapeutics, Inc.)

Tue, November 3rd, 4PM, Elings Hall 1601

**Event Description:** Nancy Stagliano, Ph.D joined iPierian as Chief Executive Officer in September 2011 with an accomplished career as a biotech leader spanning all aspects of the industry, from discovery research and strategy to global medical affairs and corporate communications. Prior to joining iPierian, Dr. Stagliano was CEO of CytomX Therapeutics, a company where she was co-founder and a lead inventor on the patents for CytomX's Probody platform. In earlier roles with CytomX, she served as the COO of CytomX LLC, which launched CytomX Therapeutics as well as Cynvenio Biosystems. Before moving to California, Nancy joined the Cambridge, Massachusetts, biotechnology industry in the late 1990s, where she had an eight-year tenure at Millennium Pharmaceuticals and consulted to several local startups. Dr. Stagliano received her BS in Electrical Engineering and her MS in Biomedical Engineering, both from Drexel University in Philadelphia. She obtained her Ph.D in Neuroscience from the University of Miami, followed by three years as an independently-funded research fellow at the Massachusetts General Hospital and Harvard Medical School, where she studied mechanisms of brain injury after stroke.

#### From Ph.D to Picture Books: Everything I Needed to Know (for an Alternative Career) I Learned in Grad School

Julie Dillemath, Ph.D (Children's Author)

Thu, November 19th, 3PM, Elings Hall 1601

**Event Description:** How do you figure out your ideal post-Ph.D career? Are you hesitant about a non-traditional route? As the end of grad school loomed, I spent a lot of time researching alternative careers. Despite all the time I spent with books, articles, personality tests, and informational interviews, it wasn't until a year after I finished that I stumbled upon the perfect career when I least expected it. In this talk I will share my story of how, like my picture-book character Lucy, I found my way, and offer tips to those on the prowl for an alternative career of their own. Julie Dillemath is a children's author who writes stories with spatial thinking themes. She earned her Ph.D in Geography with an Emphasis in Cognitive Science from UCSB in 2008.

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# FALL 2015 CALENDAR PROFESSIONAL DEVELOPMENT SERIES (PDS) FOR POSTDOCS AND GRADUATE STUDENTS

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## **Academic-Adjacent Careers for Ph.Ds (co-sponsored by Graduate Division)**

Moderated by Meredith Murr (Director of Research Development at the Office of Research)

Panelists: Brandt Burgess (Research Integrity Director at the Office of Research), Rose Elfman (Managing Editor for Publications at the Center for Black Studies Research), Julie Standish (Research Intern Coordinator at the Materials Research Laboratory), Barbara Walker (Director of Research Development for Social Sciences, Humanities, and Fine Arts at the Office of Research)

Tue, December 1st, 12:30 PM, SRB Room 1112

**Event Description:** There are many rewarding career opportunities for Ph.Ds within the university in addition to faculty positions. In this quarter's installment of the Career Pathways series, cosponsored by the Graduate Division and PDS, we present a panel of professionals working in a variety of capacities on our campus. Our Ph.D panelists will discuss their career trajectories and field questions from the audience.

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## **Career Success for Ph.D-level Scientists and Engineers**

Bill Lindstaedt (Executive Director Career Advancement, International and Postdoctoral Services (CAIPS), UCSF)

Tue, December 8th, 1:30 PM, MIT, UCSB, and UCD joined via Webex

**Event Description:** Taught by Bill Lindstaedt (UCSF), in this hands-on webinar workshop you will learn a logical, step-by-step process for exploring scientific career options, and making sure that the long-term career path you have chosen for yourself offers the best fit for your unique set of skills, values and interests. Then you will learn how to make a written plan not only for your long term career direction but also for completing current projects and developing professional skills that you must have for future success.

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# WINTER 2016 CALENDAR

## PROFESSIONAL DEVELOPMENT SERIES

### (PDS)

#### FOR POSTDOCS AND GRADUATE STUDENTS



**Sponsored by the Center for Bioengineering, Graduate Students for Diversity in Science, Women in Science and Engineering, and PDS:**

**Founding your Startup with Non-Dilutive Funding – Key to Success for Obtaining Small Business Innovation Research (SBIR) Grants**

Shravanthi Reddy, PhD (COO ClearSight, Vice President of R&D at Sharklet Technologies)  
Thu, January 7th, 2PM, Elings Hall 1601

**Transitioning from Academia to Industry: The First Few Years**

Aidee Duarte, PhD, Product Developer at The Clorox Company  
Wed, Jan 13th, 2PM, Elings Hall 1601

**How I Started Worrying about Bugs on Spacecraft**

Parag Vaishampayan, Ph.D., Scientist, Jet Propulsion Laboratory, NASA  
Fri, Feb 19th, 2PM, Elings Hall 1601

**Sponsored by the American Institute for Manufacturing Integrated Photonics and PDS:**

**Promoting Collaboration and Discovery through Extraordinary Leadership**

Tues, Mar 1st, 1:30PM, Elings Hall 1601

**Photonics Industry-Specific Event: Internship Opportunities in Industry Breakout Sessions**

Tues, Mar 1st, 11AM, Elings Hall 1601

**Speed Networking with Industry & Faculty**

Tues, Mar 1st, 12:15PM, Elings Hall Lobby



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# WINTER 2016 CALENDAR

## PROFESSIONAL DEVELOPMENT SERIES

### (PDS)

#### FOR POSTDOCS AND GRADUATE STUDENTS

#### **Funding Your Startup with Non-dilutive Funding -- Keys to Success for Obtaining Small Business Innovation Research (SBIR) Grants**

Shravanthi Reddy, PhD (COO ClearSight, Vice President of R&D at Sharklet Technologies)  
Thu, Jan 7th, 2PM, Elings Hall 1601

**Event Description:** Have you thought about commercializing your research, but feel unsure where to find the funding? This talk will focus on the SBIR programs that are offered by a number of government agencies to help fund startup companies with innovative technologies, with emphasis on the NIH SBIR program. We will discuss how to put together a strong proposal and how these proposals are reviewed. Dr. Reddy received her PhD in Chemical Engineering and has completed licensing and joint development deals with Fortune 500 companies

#### **Transitioning from Academia to Industry: The First Few Years (co-sponsored by the Center for Bioengineering, GSDS, WiSE and CSEP)**

Aidee Duarte, PhD, Product Developer at The Clorox Company  
Wed, Jan 13th, 2PM, Elings 1601

**Event Description:** Dr. Duarte is a Product Developer in Home Care Cleaning Growth & Innovation Group at The Clorox Company. She brings products to fruition from paper concept to the final formula. During this talk, Dr. Duarte will share her experience in transitioning from academia to industry. This talk will include the transferable skills she learned as a graduate student and how she adapted to meet corporate priorities. She will share what a typical day looks like for a product developer and what career paths are available at Clorox. You will learn about her interview process and the insights she gained serving as a Clorox recruiter. In addition, attendees will learn about what makes Clorox a unique place to work.

#### **How I Started Worrying about Bugs on the Spacecraft (co-sponsored by the Center for Bioengineering, GSDS, WiSE, and CSEP)**

Parag Vaishampayan, Ph.D., Scientist, Jet Propulsion Laboratory, NASA  
Fri, Feb 19h, 2PM, Elings Hall 1601

**Event Description:** As a staff scientist, Dr. Parag Vaishampayan manages a multifunctional, multidisciplinary, biotechnology-based laboratory at NASA's Jet Propulsion Laboratory. At the core of his role as a Planetary Protection scientist at JPL and experience working on Mars missions is a passion for solving some of the key questions of mankind that astrobiology aims to answer: "Are we alone in this universe?" "How did life originate on Earth?" "Does life exist on other planets?" In this seminar, Dr. Vaishampayan will share about advances in the field of astrobiology and career opportunities within the field especially in government labs. His current research focus is on development and implementation of advance molecular techniques to detect and characterize the microbial diversity of extreme environmental niches on earth and in space, encompassing Icelandic hot springs, stratospheric air samples, high altitude caves, hydrothermal vents and International Space Station (ISS) to name few.

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# WINTER 2016 CALENDAR PROFESSIONAL DEVELOPMENT SERIES (PDS) FOR POSTDOCS AND GRADUATE STUDENTS

## Promoting Collaboration and Discovery through Extraordinary Leadership

Tues, Mar 1st, 1:30PM, Elings Hall 1601

**Event Description:** Led by Miles Ashlock, Assistant Dean, Director of the Office of Student Life, and Katya Armistead, Dean of Student Life, UC Santa Barbara, this interactive workshop will explore the research-based Five Practices of Exemplary Leadership and prepare you to leverage the essential skills of vision and collaboration to maximize productivity and innovation in your current and future scientific pursuits.

➤ **RSVP for AIM Industry Events:** <https://aim.ucsb.edu/news-events/workshops/leadership-council-meeting>

## Internship Opportunities in Industry: Breakout Sessions

Tues, Mar 1st, 11AM, Elings Hall 1601

**Event Description:** Meet with photonics industry and government lab leaders and learn about opportunities and strategies to find internships and jobs.

## Speed Networking with Industry & Faculty

Tues, Mar 1st, 12:15PM, Elings Hall Lobby

**Event Description:** Informal networking opportunity with faculty and industry representatives. Using the speed-dating model over lunch, this event will give you a chance to explore career options and ask career-related questions.

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# SPRING 2016 CALENDAR

## PROFESSIONAL DEVELOPMENT SERIES

### (PDS)

#### FOR POSTDOCS AND GRADUATE STUDENTS

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**How to Measure Learning (organized by Education and Pedagogy Study Group, co-sponsored by PDS)**

Tues, April 5th, 12-1PM, Elings Hall 1605

**Career Talk: Patient Safety and Innovation in Healthcare (co-sponsored by CBE, GSDS, WiSE, and PDS)**

Joe Kiani (Founder, Chairman, and CEO, Masimo Corporation)

Thurs, April 7th, 2-3PM, Elings Hall 1601

**iCorps Informational Session (co-sponsored by CNSI and PDS)**

Jillian Bailey O'Connor (Coordinator, Innovation Node – Los Angeles, Lloyd Greif Center for Entrepreneurial Studies, Marshall School of Business, University of Southern California – iCorps Los Angeles Node)

Fri, April 15th, 11:45AM-1PM, Elings Hall 1601

**Making the Most of Your Presentation (co-sponsored by AIM Photonics, GradDiv, GSDS, WiSE, and PDS)**

Jean-luc Doumont, Principiae

Tues, April 19th, 10AM-12PM, ESB 1001

**Everyone's Favorite Mistakes (co-sponsored by AIM Photonics, GradDiv, GSDS, WiSE, and PDS)**

Jean-luc Doumont, Principiae

Tues, April 19th, 3-4:30PM, Marine Sciences Research Building 1302

**GSAC Non-Academic Career Workshop (organized by Graduate Student Advisory Committee, EEMB; co-sponsored by PDS)**

Wed, April 20th, 3-6PM, Location TBA

**Webinar: Deep Work: Rules for Focused Success in a Distracted World (co-sponsored by AIM Photonics, Grad Div, GSDS, and PDS)**

Cal Newport (Author and Assistant Professor, Department of Computer Science and Georgetown University)

Wed, May 4th, 12PM, Elings Hall 1601

**GSAC Mock-Interviews Workshop (organized by Graduate Student Advisory Committee, EEMB; co-sponsored by PDS)**

Wed, May 4, 3-6PM, Location TBA

**Getting Started: Techniques for Getting your Writing Going**

Karen Lunsford, Writing Program

Thu, May 12th, 12PM, Elings Hall 1601

**Using Ethical Dialog to Navigate the Whitewater of Potential Conflicts of Interest: A Seminar in Research Integrity (organized by Office of Research)**

Olivia Walling (College of Engineering, Writing Program) and Brian McCurdy (Office of Research)

Tue May 17, 2-3:30PM, Elings Hall 1605

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# SPRING 2016 CALENDAR PROFESSIONAL DEVELOPMENT SERIES (PDS) FOR POSTDOCS AND GRADUATE STUDENTS

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## **How to Measure Learning (organized by Education and Pedagogy Study Group, co-sponsored by PDS**

Tues, April 5th, 12-1PM, Elings Hall 1605

**Event Description:** A Casual lunchtime discussion group open to anyone who is interested in exploring teaching, learning, and education. Discussion topics will include; techniques in education and pedagogy, brainstorming and trying out ideas for classrooms and sections, sharing knowledge and resources, hosting occasional events and inviting speakers

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## **Career Talk: Patient Safety and Innovation in Healthcare (co-sponsored by CBE, GSDS, WiSE, and PDS)**

Joe Kiani (Founder, Chairman, and CEO, Masimo Corporation)

Thurs, April 7th, 2-3PM, Elings Hall 1601

**Event Description:** Convinced that the use of adaptive signal processing could solve the problems of motion artifact and signal noise that plagued pulse oximetry, Joe Kiani founded Masimo in 1989 to improve the reliability of noninvasive patient monitoring. Under his leadership, Masimo has grown from a “garage start up” into a successful publicly traded company (NASDAQ: MASI) employing more than 3,000 people worldwide and providing its market-leading Masimo SET® Measure-through Motion and Low Perfusion pulse oximetry technology to leading OEM patient monitoring manufacturers. Today, Masimo is an innovative powerhouse delivering key noninvasive medical breakthroughs, including: rainbow Pulse CO-Oximetry™—the first blood constituent monitoring platform to measure multiple blood constituents noninvasively that previously could only be measured invasively and help clinicians reduce risky blood transfusions; Patient SafetyNet™—the first remote monitoring and wireless clinician notification system shown to help hospitals improve patient safety and clinical outcomes by dramatically decreasing rescue events and costly ICU transfers; rainbow Acoustic Monitoring™—the first noninvasive and continuous acoustic respiration rate (RRaTM) monitoring technology; and Root, the new clinical information platform, that is expected to reduce clinical distraction, complexity and cost, and accelerate innovation in patient monitoring and care.

Joe Kiani runs one of the world’s most admired medical technology companies, is an inventor of world changing noninvasive patient monitoring devices, a trusted voice for patient safety and care, and a convention breaking maverick. As the founder, Chairman, and CEO of Masimo Corporation, a global medical technology innovator, Mr. Kiani has been a beacon for patient safety and innovation in healthcare for more than 20 years.

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#### **iCorps Informational Session (co-sponsored by CNSI and PDS)**

Jillian Bailey O'Connor (Coordinator, Innovation Node – Los Angeles, Lloyd Greif Center for Entrepreneurial Studies, Marshall School of Business, University of Southern California – iCorps Los Angeles Node)

Fri, April 15th, 11:45AM-1PM, Elings Hall 1601

**Event Description:** The I-Corps™ program was created by the NSF in 2011 to help move academic research it has funded to market, and offers entrepreneurship training to student and faculty participants. Teams qualified for the National Program can apply for \$50k grants focused on customer discovery and on identifying the problem-solution and product-market fit for emerging technology. Innovation Node LA offers a number of programs that groom teams for qualification for the national program. The LA Node program also provides the teams with the required NSF lineage for the I-Corps application, regardless of the project's original funding source. See attached for more on the IN-LA training program.

#### **Making the Most of Your Presentation (co-sponsored by AIM Photonics, GradDiv, GSDS, WiSE, and PDS)**

Jean-luc Doumont, Principiae

Tues, April 19th, 10AM-12PM, ESB 1001

**Event Description:** Strong presentation skills are a key to success for engineers, scientists, and others, yet many speakers are at a loss to tackle the task. Systematic as they otherwise can be in their work, they go at it intuitively or haphazardly, with much good will but seldom good results. In this talk, Dr Doumont proposes a systematic way to prepare and deliver an oral presentation: he covers structure, slides, and delivery, as well as stage fright.

An engineer (Louvain) and PhD in applied physics (Stanford), Jean-luc is acclaimed worldwide for his no-nonsense approach, his highly applicable, often life-changing recommendations on a wide range of topics, and Trees, maps, and theorems, his book about “effective communication for rational minds”.

#### **Everyone's Favorite Mistakes (co-sponsored by AIM Photonics, GradDiv, GSDS, WiSE, and PDS)**

Jean-luc Doumont, Principiae

Tues, April 19th, 3-4:30PM, Marine Sciences Research Building 1302

**Event Description:** Although they can be models of rigor in their area of expertise, scientists, engineers, and other rational minds often appear to abandon all logic in other aspects of their lives. As a result, they draw wrong conclusions and take suboptimal decisions that work against the interest of all involved. By unmasking typical incorrect reasonings at home and at work, this lecture will sharpen your critical thinking in every aspect of your life.

An engineer (Louvain) and PhD in applied physics (Stanford), Jean-luc is acclaimed worldwide for his no-nonsense approach, his highly applicable, often life-changing recommendations on a wide range of topics, and Trees, maps, and theorems, his book about “effective communication for rational minds”.

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# SPRING 2016 CALENDAR PROFESSIONAL DEVELOPMENT SERIES (PDS) FOR POSTDOCS AND GRADUATE STUDENTS

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## **GSAC Non-Academic Career Workshop (organized by Graduate Student Advisory Committee, EEMB; co-sponsored by PDS)**

Wed, April 20th, 3-6PM, Location TBA

**Event Description:** Chris Mobly: Channel Islands National Marine Sanctuary Superintendent; Shelly Anghera: Anchor QEA LLC Principal Scientist (Environmental Consulting); Kira Redmond: Santa Barbara Waterkeeper Executive Director (Environmental NGO); Marty Downs: LTER Communications Officer; Richard Davis: California Department of Public Health

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## **Webinar: Deep Work: Rules for Focused Success in a Distracted World (co-sponsored by AIM Photonics, Grad Div, GSDS, and PDS)**

Cal Newport (Author and Assistant Professor, Department of Computer Science and Georgetown University)  
Wed, May 4th, 12PM, Elings Hall 1601

**Event Description:** Deep work is the ability to focus without distraction on a cognitively demanding task. It's a skill that allows you to quickly master complicated information and produce better results in less time. Deep work will make you better at what you do and provide the sense of true fulfillment that comes from craftsmanship. In short, deep work is like a super power in our increasingly competitive twenty-first century economy. And yet, most people have lost the ability to go deep—spending their days instead in a frantic blur of e-mail and social media, not even realizing there's a better way. In this webinar, Georgetown professor Cal Newport will discuss the value of deep work and provide practical suggestions for cultivating this skill. The ideas are drawn from his new book of the same name.

Cal Newport is an Assistant Professor of Computer Science at Georgetown University. In addition to studying the theoretical foundations of our digital age, Newport also writes about the impact of these technologies on the world of work. His most recent book, *Deep Work*, argues that focus is the new I.Q. in the modern workplace and that the ability to concentrate without distraction is becoming increasingly valuable. He previously wrote *So Good They Can't Ignore You*, a book which debunks the long-held belief that "follow your passion" is good advice, and three popular books of unconventional advice for students.

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## **GSAC Mock-Interviews Workshop (organized by Graduate Student Advisory Committee, EEMB; co-sponsored by PDS)**

Wed, May 4, 3-6PM, Location TBA

**Event Description:** Wouldn't it be great if you could practice interviewing before actually trying to land that dream job? And how cool would it be to discover careers you are qualified for that you might never have even considered before? Luckily for you, non-academic professionals with science backgrounds are joining faculty from UCSB for a day of "Mock Interviews" to help you sharpen your interviewing skills and broaden your career horizons! Student participants will receive brief descriptions typical of M.S. or Ph.D.-graduate entry level jobs and post-docs beforehand, and during the event will be interviewed for a variety of positions. Interviews will be short (a few minutes for questions followed by brief self- and interviewer-evaluations), and we will rotate students through as many interviews as possible in the time we have. Interviews will be followed by a panel discussion where interviewers can provide general feedback to the students. Afterward, we will host a happy hour where students can chat with the panelists individually.

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## **Getting Started: Techniques for Getting your Writing Going**

Karen Lunsford, Writing Program  
Thu, May 12th, 12PM, Elings Hall 1601

**Event Description:** Led by Karen Lunsford (UCSB Writing Program), this interactive workshop will present techniques for managing your life as a writer, planning your next writing project, and avoiding writer's block.

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## **Using Ethical Dialog to Navigate the Whitewater of Potential Conflicts of Interest: A Seminar in Research Integrity**

Olivia Walling (College of Engineering, Writing Program) and Brian McCurdy (Office of Research)  
Tue May 17, 2-3:30PM, Elings Hall 1605

**Event Description:** What happens when our personal, intellectual, financial, and professional interests interfere with our professional judgment? Is it a problem if your "consulting" work takes you away from your responsibilities on campus either as a professor, laboratory manager, or student? Come explore the variety of conflicts that may influence scientific knowledge and even lead to research misconduct. Dr. Walling and Mr. McCurdy will introduce you to rules on conflicts that govern researchers and to techniques of ethical dialog that can help you have safe conversations about sensitive issues. Learn conversational skills that you can use to ensure the integrity of your work and your workplace.

Olivia Walling is a Lecturer in the College of Engineering and in the Writing Program, and in both focuses on professional and applied and practical ethics. Brian McCurdy is the Research Integrity Specialist in UCSB's Office of Research.

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Please check our website for more information:

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<http://csep.cnsi.ucsb.edu/postdoc/pds>



- **Please note:** all workshops are open to everyone ,
- **RSVP is required:** <https://csep.cnsi.ucsb.edu/forms/PDS/Registration.php>

# SPRING 2016 CALENDAR PROFESSIONAL DEVELOPMENT SERIES (PDS) FOR POSTDOCS AND GRADUATE STUDENTS

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## **What is IP? Intellectual Property Basics (organized by TIA; co-sponsored by PDS)**

Sherylle Mills Englander and Dina Lozofsky (Office of Technology and Industry Alliances)  
May 19, 3PM, Elings Hall 1601

**Event Description:** What is intellectual property (IP)? How is it generated? Who owns it? How is it protected? Should you care? This seminar provides an overview of the different types of intellectual property and focuses on issues relevant to university members. Both presenters are members of UCSB's Technology and Industry Alliances (TIA), which manages UCSB's intellectual property portfolio and works with industry partners ranging from multi-national corporations to emerging startups interested in creating new, innovative products from UCSB research. Mary, a PhD in Neuroscience, former research scientist, and microscopy facility director, recently joined the office to manage a licensing portfolio and campus outreach. Sherylle, former concert flutist, JD from UC Berkeley, is a TIA founder, the current director and has extensive experience with development and valuing and use of intellectual property in corporate, startup and academic settings.

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## **Beyond Academia Conference (organized by UCSB Beyond Academia; co-sponsored by PDS)**

Fri and Sat May 20-21st

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## **Career Talk: Dino DiCarlo (co-sponsored by CBE, GSDS, WiSE, and PDS)**

Dino DiCarlo (Professor of Bioengineering at UCLA, Founder/Advisor to CytoVale, Ruubix, and Vortex Biosciences)  
Mon May 23, 2PM, Elings Hall 1601

**Event Description:** Microfluidic systems that make use of high precision micromanufacturing technologies developed from the computer industry have been a topic of academic interest for over the past 20 years. Because of the comparable length scales, more recent interest has been in using these systems for analysis of cells. Several companies have translated the capabilities for automation and unique scaling to commercial success in addressing cell biology research markets. Future commercial directions also focus on diagnostic applications, or sample preparation for diagnostics, often using microscale fluid physics that uniquely acts in these systems. In this talk I will outline the microfluidic research being conducted in my laboratory at UCLA, and discuss technologies that are in the process of being translated out of the lab. This talk will also address the non-technical aspects, such as the business and IP issues, around starting companies out of academia.

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# SPRING 2016 CALENDAR PROFESSIONAL DEVELOPMENT SERIES (PDS) FOR POSTDOCS AND GRADUATE STUDENTS

## How I use my technical experience as an engineer to help drive strategic innovation at DARPA

Yan Zheng, Associate at Booz Allen Hamilton  
Thu, May 26, 11AM-12PM (TALK); 12PM (LUNCH) ESB 2001

**Event Description:** For me, a career in science and technology was pretty straight forward: study hard, go to grad school, and develop the next killer invention that would land me among the ranks of Bill Gates, Steve Jobs, and Elon Musk. But as I looked at life after grad school, the choices before me just weren't appealing. Do I look for a postdoc? Apply for a tenure track position? Work for a tech company? I knew that I was looking for something different and I was fortunate that UCSB gave me the resources and support to figure it out. What I realized was that there are many exciting opportunities for those looking to apply their technical expertise in alternative ways and, ultimately, to align their career path with their interests. I was lucky to have found a position with Booz Allen Hamilton consulting for the Defense Advanced Research Projects Agency (DARPA) where I am helping to develop tomorrow's technology programs. In this talk I will share my journey navigating alternative technical careers. What worked, what didn't and what I wish I knew!

Dr. Zheng received his Ph.D. from the University of California, Santa Barbara and a BS from the University of California, San Diego both in electrical engineering. While at UCSD, he served as vice president and president of the IEEE student chapter and spearheaded a range of student led projects. In recognition of these efforts, the IEEE student chapter was awarded an IEEE student chapter growth award. Dr. Zheng continued his community involvement at UCSB through the development of the Leadership In Team Engineering (LITE) which he established as a program that engages both student-led teams and local nonprofit organizations in solving technical problems for the community. Dr. Zheng was also a mentor in the National Nanotechnology Infrastructure Network (NNIN) research experience for undergraduates program as well as for local community college students where he mentored traditionally underrepresented students in engineering. Dr. Zheng is a member of IEEE, AAAS, and a founding member of the UCSD chapter of Eta Kappa Nu (HKN).

## Life Sciences Entrepreneurship As a Career Option (Sponsored by CNSI, CBE, GSDS, WiSE and PDS)

Steve Isaacman, founder and CEO of PHD Biosciences  
Thu, June 2, 2PM, Elings 1605

**Event Description:** Chemist and entrepreneur Steven Isaacman, Ph.D. will discuss keys to success for today's life science entrepreneur. Dr. Steven Isaacman is Founder & CEO of PHD Biosciences ([www.phdbiosciences.com](http://www.phdbiosciences.com)), a New York City biotechnology company developing small molecule therapeutics for diseases with high unmet medical need, and Co-Founder of the emerging global over-the-counter drug and skin care brand PHD Skin Care ([www.phdskincare.com](http://www.phdskincare.com)). At PHD Biosciences, Dr. Isaacman has successfully used non-dilutive funding, including SBIR and STTR grants, to de-risk the translational development of several technologies that are positioned to enter clinical trials in 2016. Since 2011, he has been the Principal Investigator on 14 awards that total more than \$7.5 million in non-dilutive funding.

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