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SPECIAL THANKS

5th ANNUAL PhD CAREER CONFERENCE
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>12:30 - 1:00PM</td>
<td><strong>REGISTRATION</strong></td>
<td>Price Center</td>
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<tr>
<td>1:00 - 2:00PM</td>
<td><strong>WELCOME ADDRESS</strong></td>
<td>Price Center</td>
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<tr>
<td></td>
<td>Craig Schmidt</td>
<td>Interim Director, Career Services Center, UC San Diego</td>
</tr>
<tr>
<td></td>
<td>Zhaleh Amini</td>
<td>Ph.D. Student, Chemistry</td>
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<td><strong>KEYNOTE ADDRESS</strong></td>
<td>Price Center</td>
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<td>Dr. Peter Fiske, Ph.D., Stanford University, 1993</td>
<td>President &amp; CEO, PAX Mixer, Inc.</td>
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<tr>
<td>2:15 - 3:30PM</td>
<td><strong>CONCURRENT CAREER PANEL SESSIONS</strong></td>
<td>Price Center East</td>
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<tr>
<td>3:30 - 4:00PM</td>
<td><strong>POST-PANEL INDUSTRY NETWORKING</strong></td>
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<td>Humanities &amp; Social Sciences</td>
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<td>Life, Biomed &amp; Physical Sciences</td>
<td>Price Center West</td>
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<td>Engineering &amp; Computer Science</td>
<td>Price Center East</td>
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<tr>
<td>4:00 - 5:00PM</td>
<td><strong>NETWORKING RECEPTION</strong></td>
<td>Price Center</td>
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SPECIAL THANKS
5th ANNUAL PhD CAREER CONFERENCE
Peter S. Fiske is President and CEO of PAX Mixer, Inc., a new company created to commercialize high-efficiency mixing technologies developed by parent company, PAX Scientific. Both companies use “biomimicry” — the application of methods and systems found in nature to the study and design of engineering systems and modern technology. Prior to joining PAX Mixer, Inc., Fiske was co-founder and VP for Business Development and Sales of RAPT Industries. Before joining RAPT Industries, Fiske led a research team in condensed matter physics at Lawrence Livermore National Laboratory. His group developed new experimental diagnostic techniques for high-speed non-steady state phenomena and also utilized 2- and 3D hydrodynamic models to simulate shock phenomena in solids and fluids. He is the author of 20 technical articles, most in international peer-reviewed journals including SCIENCE. In 1996, Fiske was selected as a White House Fellow and served one year in the Pentagon as Special Assistant to the Under Secretary for Acquisition and Technology (Dr. Paul Kaminski).

Dr. Fiske is also a nationally-recognized author and lecturer on the subject of leadership and career development for young scientists and engineers. He is the author of To Boldly Go: A Practical Career Guide for Scientists (AGU Press, 1996). A new edition, Put Your Science to Work was published in December of 2000. From 1996 to 2000 he wrote the career advice column Tooling Up, read by over 60,000 scientists and engineers monthly and has lectured on the subject of career development for scientists to over 8,000 young scientists and engineers in the US and the UK. He presently writes the monthly on-line column Opportunities for the American Association for the Advancement of Science and, with fellow scientist/entrepreneur Dr. Geoff Davis, keeps an active dialog with the science community through his blog Engineering Scientists.

A native of Bethesda, Maryland, Fiske received his A.B. (Magna Cum Laude) in Geological and Geophysical Sciences and a Certificate of Accreditation in Civil Engineering from Princeton University in 1988. He was subsequently awarded a National Science Foundation Graduate Fellowship and received his Ph.D. in Geological and Environmental Sciences from Stanford University in 1993. He has broad technical expertise in the fields of advanced materials, chemical engineering, fluid mechanics and heat and mass transfer. He received his MBA from U.C. Berkeley’s Haas School of Business in the Spring of 2002.
What’s it like working outside academe? What is the true breadth of job opportunities in academia? How should you prepare? What skills and experiences are sought? Learn from this group of successful arts, humanities and social science Ph.D.s that successfully transitioned to positions in academia and beyond.

**FEATURING**

**Alana Cordy-Collins, Ph.D.**
Professor, Anthropology, University of San Diego  
Curatorial Director, David W. May American Indian Collection & Gallery  
Alana Kathleen Cordy-Collins is Professor of Anthropology at the University of San Diego. She is an archaeologist whose primary specialization is Peruvian prehistory. She received her bachelor's degree, master's degree and Ph.D. at the University of California, Los Angeles (UCLA). Her secondary specialization is shamanism, where she is developing a project in Mongolia. In the Department of Anthropology, Cordy-Collins offers undergraduate courses in archaeology, shamanism, research, writing, and museology. Her research focus is the prehistoric cultures of Peru, especially the Lambayeque, Moche, and Chavín-Cupisnique. She is currently most involved in comparative studies of shamanism, especially among Circum-Polar peoples, prehistoric and contemporary. Dr. Cordy-Collins has been awarded two USD University Professorships, one research-based and the other recognition-based. She designed and organized the university's American Indian Celebration (2002-2004). In addition to her professorship, she is director of the David W. May Indian Artifacts Gallery and curator of the collection. She is also a former curator of the Latin American collections at the San Diego Museum of Man.

**Darrin McGraw, Ph.D.**
Associate Director of the UC San Diego Center for Humanities  
Darrin McGraw holds a B.A. from Stanford and a Ph.D. in English from UCLA. After finishing graduate school he worked as a web project manager building online courseware and business management systems. For eight years he supervised the Culture, Art and Technology writing curriculum at UCSD's Sixth College. He has been involved in a range of visual and performing arts, including the Film Actors Theatre in Los Angeles, the UCLA Department of English Marathon Reading, and the UCSD Crafts Center. He is currently serving as Associate Director at the UCSD Center for the Humanities.

**Jesús José Salazar, Ph.D.**
Program Evaluation & Research Coordinator, Los Angeles Unified School District  
Dr. Salazar holds a Ph.D. in Education from the University of Southern California with an emphasis on reading and language development, instructional programs for English learners, and special education. He has spent 16 years with LAUSD, is currently a Coordinator for the Evaluation of Master Plan Programs for English Learners in LAUSD. He recently contributed to a publication for “Exceptional Children” on the disproportionate placement of English learners into special education programs.

**Ramie Tateishi, Ph.D.**
Associate Professor Arts & Humanities, National University  
Dr. Ramie Tateishi is an Assistant Professor in the College of Letters and Sciences at National University. He teaches courses in English and Film Studies in the Department of Arts and Humanities. Ramie earned his Ph.D. in Literature from the University of California at San Diego, where he also served as Lecturer at one of the school's writing programs. He has written on various popular culture and film-related topics, and was published in the Critical Filmographies of World Cinema series from Caboose Press. He has presented at various conferences and has served as an occasional guest on KPBS, San Diego’s NPR affiliate station.
Finding your first academic or industry position after earning your master's or doctorate can be a daunting and bewildering endeavor. To help approach this task, this distinguished panel of professors and industry leaders will offer advice and proven tips that can give you an enormous head start when you're ready to go "On the Job Market." Proven leaders within their fields, this panel has what it takes to excel in careers in and beyond academia. Learn about the often overlooked strategies, experiences, and sought-after skills needed to help you make a successful and affirmative choice of a career.

**Featuring**

**Lars Bode, Ph.D.**
Assistant Professor, Pediatrics, UC San Diego
Dr. Bode earned his B.S., M.S. and Ph.D. in Nutrition Science from the Justus-Liebig-University in Giessen, Germany. He was a predoctoral fellow in pediatric immunology at the University College London, UK, and a postdoctoral fellow in glycobiology at the Sanford-Burnham Medical Research Institute in La Jolla, CA, where he also chaired the institute's postdoc association. With the support of an NIH Pathway to Independence Award (K99/R00), Dr. Bode was recruited to UC San Diego as an Assistant Professor in the Department of Pediatrics in 2009 and was recently promoted to Associate Professor, effective July 1, 2013. His lab studies biosynthesis and functions of human milk oligosaccharides (www.bodelab.com). He organizes the Career Development Seminar Series for postdoctoral fellows in the Department of Pediatrics and chairs national and international scientific committees.

**Susan Gorman, Ph.D.**
Patent Attorney, Birch, Stewart, Kolasch & Birch (BSKB)
Susan Gorman is a registered patent attorney and partner at BSKB and has been working in the field of intellectual property since 1999. She became a partner in the firm in 2009 and her practice focuses on helping clients develop a proactive intellectual property strategy that drives value. Her clients include startup companies as well as mid-size and fortune 500 companies. Practicing primarily in the fields of pharmaceuticals, biotechnology, bioenergy, biochemistry and medical diagnostics, Dr. Gorman has obtained patent claims for clients having interests in new therapeutics and treatments, genetic engineering products and methods, organisms and processes for alternative energy production in addition to devices and techniques for disease identification. Dr. Gorman also advises clients on patentability, freedom to operate and validity and infringement issues. Dr. Gorman is a recurrent lecturer on intellectual property topics at the UCSD Rady School of Management and has participated as an invited speaker for Thomas Jefferson Law School as well as various law firms and companies in China and Europe.

**Kevin Lustig, Ph.D.**
President and CEO, Assay Depot
Recently named one of the Pharmaceutical Industry’s 100 Most Inspiring People by PharmaVoice Magazine, Kevin is a scientist-entrepreneur with 30 years of research experience in academia and pharma. His research discoveries have been published in Science, Nature and other leading scientific journals and he has eight technology patents. He is co-founder and CEO of Assay Depot, which owns and operates a network of online research exchanges that have the potential to dramatically improve how scientific research is done. In 2001, Kevin co-founded Kalypsys, a fully integrated drug discovery company that raised over $170 million in venture funding and put five drug candidates into human clinical trials. Prior to Kalypsys, he directed lead discovery at Tularik, a highly successful biopharmaceutical company purchased by Amgen for more than $2 billion. He carried out postdoctoral work in Cell Biology at Harvard Medical School after receiving a PhD degree from Marc Kirschner’s laboratory in the Department of Biochemistry & Biophysics at the University of California, San Francisco (UCSF). Kevin has a M.S. degree in Biochemistry from the University of Missouri, Columbia and an A.B. degree, magna cum laude, in Molecular and Cell Biology from Cornell University’s College of Arts and Sciences.
Stephen Tanner, Ph.D.
Senior Manager, Illumina
Stephen Tanner is a manager in the Bioinformatics department at Illumina. He and his team develop algorithms that enable Illumina’s DNA sequencers to convert raw data into base calls. He is interested in applications of sequencing data to clinical research and human health. He is an alumnus of the UCSD Bioinformatics program, who graduated from Vineet Bafna’s lab in 2007; his graduate research area was peptide mass spectrometry.

Linda Robertson, Ph.D.
Principal, Robertson-Mills Consulting, LLC
Linda Robertson has over 15 years experience in pharmaceutical regulatory affairs in large global pharmaceutical and small biotechnology companies. She is currently an independent consultant providing strategic regulatory expertise in international biologic and small molecule drug development, including companion diagnostics. Previously, Dr. Robertson served as Senior Vice President at Ambit Biosciences and Vice President at Kanisa Pharmaceuticals responsible for world-wide regulatory strategy and quality assurance for all products. She was also Director, Drug Regulatory Affairs at Biogen IDEC, Inc. and its predecessor company, IDEC Pharmaceuticals with responsibilities for a variety of products including Rituxan® for the treatment of Non-Hodgkins Lymphoma. Dr. Robertson began her career in industry at Roche Pharmaceuticals where she led the US approval of Tamiflu®. She received her Ph.D. in neurobiology from Northwestern University in Evanston, Illinois followed by post-doctoral training in molecular biology at the Roche Institute of Molecular Biology in Nutley, New Jersey.

Lisa N. Silverman, Ph.D.
Associate, Morrison & Foerster
Lisa N. Silverman is an associate in the San Diego office of Morrison & Foerster. Her practice focuses on patent law in the areas of chemistry, pharmaceuticals, biotechnology, and clean technology. Dr. Silverman received her B.A., summa cum laude, in Chemistry and Political Science from Barnard College, where she did research on synthetic organic chemistry of carbohydrates. Dr. Silverman obtained her Ph.D. in Chemistry from Stanford University, where she was the recipient of a National Science Foundation Graduate Research Fellowship from 2003–2006. Her doctoral research in the laboratory of Professor Steven G. Boxer focused on spectroscopic investigation of charge transfer reactions in organic, organometallic, and biological molecules. Dr. Silverman received her J.D. from Stanford Law School, where she was on the board of the Stanford BioLaw and Health Policy Society.
Finding your first academic or industry position after earning your master’s or doctorate can be a daunting and bewildering endeavor. To help approach this task, this distinguished panel of professors and industry leaders will offer advice and proven tips that can give you an enormous head start when you’re ready to go “On the Job Market.” Learn first-hand: How the selection process works, the steps in an academic and industry interview process, how to present your credentials in the best possible manner, how a candidate can best prepare for an interview and “Job Talk”, and if you can negotiate an offer? Proven leaders within their fields, this panel has what it takes to excel in careers in and beyond academia.

FEATUREING

Matt Anderson, Ph.D.
Associate Professor, Department of Physics, San Diego State University
Dr. Anderson earned his B.S. from UC San Diego and his Ph.D. from the University of Oregon. He then carried out postdoctoral work at the University of Rochester Institute Of Optics. He started at SDSU in 2000 and received tenure in 2006. Dr. Anderson's research interests lie in ultrafast lasers, pulse shaping, measurement, and nonlinear optical processes.

Rae Anderson, Ph.D.
Assistant Professor, Physics, University of San Diego
Dr. Anderson is an Assistant Professor of Physics at USD. She earned her Ph.D. in Physics from University of California, San Diego in 2007. Her undergraduate work was done at Georgetown University, where she graduated Magna Cum Laude in Physics in 2003, and she was elected to Phi Beta Kappa. She completed her post-doctoral studies at the Scripps Research Institute in La Jolla, CA. Her doctoral research at UCSD focused experimentally on the biophysics of DNA, using both microscopy and laser techniques. Her post-doctoral studies were also devoted to single molecule biophysics, focusing on the molecule Rev, a regulatory protein of importance in HIV-1 studies.

Michael Alston, Ph.D.
Sr. Staff Engineer, QCT Digital Circuit Design, Qualcomm
Dr. Alston is an electrical engineer specializing in the physical layout design of Very Large Scale Integrated (VLSI) circuits. He earned EE degrees at CMU, UC-Berkeley, and UC-San Diego. Michael worked at M/A-COM Linkabit where he designed, built, and tested the first Multi-User Viterbi Decoder (rate=1/2, K=7) stitch cards, and carried the torch on behalf of Linkabit in the 1984 Olympic Torch Relay. After earning his PhD at UC San Diego in 1993, he was employed at a series of small companies on Sorrento Mesa architecting the physical layout designs of VLSI Intellectual Property, such as a multi-threading, out-of-order execution microprocessor, an optical transceiver, HyperTransport PHY, PCI Express PHY, and most recently a USB2.0 PHY. Thirteen months after earning his MBA at UC San Diego's Rady School of Management in 2010, the startup he joined (Rapid Bridge LLC) was acquired by Qualcomm. Dr. Alston is now a Senior Staff Engineer in Qualcomm's Mobile and Computing Division. He is an active member of the NSBE, tutors local high school students in math & physics, serves on the Board of the Gateways Summer School, and is a founding board member of the University City Community Foundation. Michael enjoys soccer, basketball, volleyball, and track & field.
Babak Forutanpour, MS
Staff Engineer, Advanced Technologies, Qualcomm
Babak earned his Bachelor’s degree in Computer Science for UC San Diego in 1992, and a Masters in Computer Science from UCLA in 1994. His passion for doing fun and meaningful Engineering work led to a 7-year career in the movie industry where he worked for Disney and Warner Bros. on titles such as X-Men, The Iron Giant and Space Jam. He was bitten by the entrepreneurial bug during .com boom, where he both started and worked for several startups over a 4-year period. Over the past 8 years, he has applied his creative thinking and passion as Internal Innovation Lead at Qualcomm. He started and leads Qualcomm’s employee-driven think tank FLUX, which not only brainstorms on novel ways to build things right, but building the right things.

Desmond O’Sullivan, M.S.E, J.D.
Associate, Morrison & Foerster
Desmond O’Sullivan is an associate in the Intellectual Property Practice Group of Morrison & Foerster’s San Diego office. Mr. O’Sullivan's practice includes the preparation and prosecution of patent applications for multinational telecommunications and consumer electronics companies such as Kyocera Corp. and Apple, Inc., as well as providing patent portfolio advice to start-up data management companies such as DataHug, Inc. and Chug, Inc. Mr. O’Sullivan's prosecution practice has covered methods and apparatus directed to LED displays, electrical vehicle charging stations, algorithms for professional networking and automobile transactions, multiplexed sensor arrays, medical devices, wear-resistant structures for high-wear applications, single-cycle internal combustion engines, and high-strength composite structures. Mr. O’Sullivan received his J.D. from Hastings College of the Law, where he was an articles editor for the Hastings Law Journal, and served as a judicial extern for the Honorable Vaughn R. Walker of the Northern District of California. As an extern to Chief Judge Walker, Mr. O’Sullivan assisted the court in patent claim construction and in fulfilling duties as a designated member of the United States Court of Appeals for the Federal Circuit. Mr. O’Sullivan received his B.Sc. in mathematics and applied mathematics from University College Cork, in Cork, Ireland. He received his M.S.E. in engineering sciences from the University of California, San Diego, where he focused on aerospace and mechanical engineering.

Brandon Zeidler, Ph.D.
Vice President, CTO, and Co-Founder, Adaptive Dynamics, Inc.
Dr. Brandon Zeidler is the Vice President, CTO, and co-founder of Adaptive Dynamics, Inc. He is responsible for leading the design and commercialization of novel technologies for a wide range of DoD and commercial applications. Brandon completed his Ph.D degree in Electrical and Computer Engineering (Communications Theory and Systems) at the University of California, San Diego in 2006, his M.S. degree in Electrical and Computer Engineering from University of California, San Diego in 2002, and his B.S. Degree from the University of California, Santa Barbara (Cum Laude) in Electrical and Computer Engineering in 1999.

His Ph.D dissertation investigated the effects of multi-path interference in time-spread CDMA optical communications. Prior to founding Adaptive Dynamics, Inc in 2003 he worked at the TRW Avionics Division, the SPAWAR Systems Center, San Diego, Digital Transport and Alliant Techsystems. At TRW he was assigned to the Mode S IFF (Interrogate Friend or Foe) Transponder Project and the Boeing Joint Strike Fighter Link-16 software radio project and was a team member of 1999 TRW IR&D Gold Award.

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