

Winter 2012 Calendar

Professional Development Series (PDS)

for Postdocs and Graduate Students

➤ **Please note:** all workshops are open to everyone ,

➤ RSVP is required: <https://csep.cnsi.ucsb.edu/forms/PDS/Registration.php>

Mentoring at UCSB: Opportunities and Unexpected Benefits – Target audience: All

Jens Uwe-Kuhn (Chemistry, SBCC); Mentor Panelists: Chris Carach (ChemE Grad Student), Chris Hammetter (ME Grad Student), Nate Lynd (MRL researcher), Alice Nyguyen (EEMB Grad Student), Nancy Eisenmenger (Materials Grad Student) -
- Wed, Feb 1st, 12-1PM, Elings Hall 1601

Ethical Issues in Cyber Security Research: Ethics of research seminar series (organized by the Office of Research) – Target audience: All

Engin Kirda (College of Computer & Information Science/College of Engineering, Northeastern University) – Thur, Feb 2nd, 4-6PM, ESB 1001

Grant Writing A: Faculty Panel on Early Career Awards –

Target audience: >III year grad students & postdocs

Javier Read de Alaniz (Chem, NSF CAREER), Todd Squires (ChemE, Beckman Young Investigator, NSF CAREER), Songi Han (Chem, NIH New Innovator Award, NSF CAREER), Sumita Pennathur (ME, PECASE, DARPA New Faculty Award) --
Wed, Feb 22nd, 3-4:30PM, Elings 1601

Grant Writing B: Concise and Persuasive Project Descriptions --

Target audience: >III year grad students & postdocs

Karen Lunsford (Writing Program) -- Wed, Feb 29th, 3-4:30PM, Elings 1601

Writing for Scientists: Concision in Writing – Target audience: All

Craig Cotich (Writing Program) – Wed, March 7th, 3-4:30PM, Elings Hall 1601

Alternative Careers in Science and Engineering Series (GSDS/CSEP collaborative series) –

Target audience: all

Emily Garcia (Medical Writer, Clinical and Regulatory Affairs at Mentor Worldwide LLC, a Johnson & Johnson company; PhD, Molecular Biology) -- Wed, March 14th, 4-5PM, Elings Hall 1601

Please check out our website for more information on events, workshop content and schedule:

<http://csep.cnsi.ucsb.edu/graduate/professional-development>

<http://csep.cnsi.ucsb.edu/postdoc/professional-development>



CENTER FOR
SCIENCE AND
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PARTNERSHIPS



PDS Winter 2012 Calendar

Workshop Descriptions

Mentoring at UCSB: Opportunities and Unexpected Benefits -- Wed, Feb 1st, 12-1PM, Elings Hall 1601 – Target audience: All

Jens Uwe Kuhn (Chemistry, SBCC); Mentor Panelists: Chris Carach (ChemE Grad Student), Chris Hammetter (ME Grad Student), Nate Lynd (MRL researcher), Alice Nyguyen (EEMB Grad Student), Nancy Eisenmenger (Materials Grad Student)

From science fairs to research internships, hear about the many benefits mentoring will bring to your professional and personal growth, and find out about mentoring opportunities here at UCSB. Led by Jens Uwe Kuhn (SBCC Chemistry Professor and faculty), the second half of the session will be a panel discussion with students and researchers who have mentored for a variety of programs on campus. the benefits of being . **RSVP:**

<https://csep.cnsi.ucsb.edu/forms/PDS/Registration.php>

Ethical Issues in Cyber Security Research: Ethics of research seminar series (organized by the Office of Research) – Thur, Feb 2nd, 4-6PM, ESB 1001 – Target audience: All

Engin Kirda (College of Computer & Information Science/College of Engineering, Northeastern University)

Cyber-security is an area that has been increasingly gaining attention. The attackers today are more sophisticated than in the past, and there has been a shift from hacking for fun to hacking for profit. Malicious computer programs continue to run rampant across the Internet, and among the myriad forms that modern viruses can assume, so-called botnets represent one of the gravest threats to Internet security. Through the large-scale compromise of vulnerable end hosts, attackers can both violate the confidentiality of sensitive user information --- for instance, banking or social network authentication credentials --- as well as leverage groups of bots as an underground computational platform for performing other illicit activities. Accordingly, a great deal of computer security research has focused on methods for understanding, detecting and mitigating Internet-based attacks. In the last couple of years, there have been vivid discussions on ethics in computer security research. The challenge still remains to follow a path acceptable for Institutional Review Boards at academic institutions, as well as compatible with ethical guidelines for professional societies or government institutions. At the same time, realistic experiments are the only way to understand attacks in the real-world. Unfortunately, exact guidelines do not exist for computer security research yet. In this talk, I will present and discuss some of the ethics challenges that we face as computer security researchers, and how we deal with them.

RSVP: <http://tinyurl.com/kirda-ethics>

PDS Winter 2012 Calendar

Workshop Descriptions

Grant Writing – an annual series discussing various aspects of writing grants

Grant Writing A: Faculty Panel on Early Career Awards -- Wed, Feb 22nd, 3-4:30PM, Elings 1601 –

Target audience: >III year grad students & postdocs

Faculty Panel

A panel of faculty who have recently received early career awards will share about writing for these awards, their experience with what these agencies look for in successful proposals and general advice they have collected from their own experience with these agencies/foundations. Faculty panelists:

Javier Read de Alaniz (Chem, NSF CAREER), Todd Squires (ChemE, Beckman Young Investigator, NSF CAREER), Songi Han (Chem, NIH New Innovator Award, NSF CAREER), Sumita Pennathur (ME, PECASE, DARPA New Faculty Award)

A faculty panel leads the discussion on how they

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Grant Writing B: Concise and Persuasive Project Descriptions -- Wed, Feb 29th, 3-4:30PM, Elings

1601 -- Target audience: >III year grad students & postdocs

Karen Lunsford (Writing Program)

Led by Prof. Karen Lunsford (Writing Program), this interactive workshop will discuss rhetorical strategies for making your project description both concise and persuasive. Together, we will analyze examples of successful proposals written by UCSB faculty.

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Writing for Scientists: Concision in Writing – Target audience: All

Craig Cotich (Writing Program) – Wed, March 7th, 3-4:30PM, Elings Hall 1601

How to write concisely, with purpose, and impact. Led by Craig Cotich (Writing Program), this workshop will focus on concision strategies, from the sentence to the paragraph.

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Alternative Careers in Science and Engineering Series (a GSDS/CSEP collaborative series) –

Wed, March 14th, 4-5PM, Elings Hall 1601 – Target audience: all

Emily Garcia (Medical Writer, Clinical and Regulatory Affairs at Mentor Worldwide LLC, a Johnson & Johnson company; PhD, Molecular Biology)

Dr. Garcia will discuss her career path and what her position as a medical writer at Mentor LLC entails.

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UNIVERSITY OF CALIFORNIA, SANTA BARBARA

Graduate Division



Please check out our website for more information on events, workshop content and schedule and for a complete list of program collaborators:

<http://csep.cnsi.ucsb.edu/graduate/professional-development>
<http://csep.cnsi.ucsb.edu/postdoc/professional-development>