



For more information, visit our website: www.usc.edu/wise

USC Women in Science and Engineering Newsletter

April 5, 2010 (Published Bi-Weekly)

Issue 1.6

Calendar: WiSE 10th Anniversary

A complete list of the Speaker Series can be found at: [10th Anniversary Speaker Series](#).

Monday, April 12th

- **Ellen Druffel** (UC Irvine); ZHS 159, 3:30pm
- Earth Sciences: The dynamic nature of organic matter in the ocean
- *Reception at 4:30pm in ZHS 118, following the lecture, hosted by WiSE. All are welcome.*

SAVE THE DATE:
Thursday, May 6, 2010, 3:00-5:00pm
WiSE 10th Anniversary Celebration Reception

Calendar: WiSE Networking Meetings

WiSE Postdoc Group Meeting

Friday, April 9th, 12pm, RRI 321

We will be reconnecting after our meeting hiatus, and discussing programming ideas for the next few months and the formation of a postdoc association at the University Park Campus.

Bring your lunch; dessert will be provided.

For more info, contact Sarah Sabatinos, wisepostdoc@gmail.com.

WiSE Faculty Networking Meetings

- Thursday, April 29th, 12pm, HNB 107
- Thursday, May 27th, 12pm, HNB 107

Calendar: Other Events

ACE Southern California Network: Free Webinar Series

April 15, 2010, 11:30am - 12:30pm

Topic: From the Inside Out... Meeting Today's Leadership Challenges

Presenter: *Dr. Soraya Coley, Provost and Vice President for Academic Affairs, CSU Bakersfield*

Register for webinars at: <http://lynx.csusm.edu/cascade/forms/owhe.asp>.

11th Annual USC Undergraduate Symposium for Scholarly and Creative Work

Wednesday, April 14, 2010

The Undergraduate Symposium for Scholarly and Creative Work provides undergraduates with the unique opportunity to exhibit and share examples of their significant research and creativity with the university community.

For more information: <http://www.usc.edu/programs/ugprograms/ugsymposium/>.

Kellogg Center for Biotechnology - Executive Education: Business for Scientists

April 12-16, 2010

BUSINESS FOR SCIENTISTS is designed to introduce scientists to business concepts and industry specific tools and frameworks. Basic knowledge in accounting, strategy, finance, and management will be covered and its relevance applied to the biomedical sector. The course will enable you to think of how innovation moves from bench to market.

For more info: [Executive Education: Business for Scientists](#), or contact Jeanne Sheppard: jsheppard@kellogg.northwestern.edu.

Please go to the [Opportunities of Interest](#) page of the WiSE website for a complete list of opportunities.

NEESreu Program, Summer 2010

Application Review begins March 15, 2010 – open until filled

The George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES) is a network of experimental sites across the country designed to enhance engineers' and scientists' potential for discovery and collaboration.

The NEESreu is a dynamic 10-week summer research program for upper division undergraduate students interested in civil engineering, computer science/ engineering, seismic risk mitigation, or engineering education. The program period runs from June through August, with exact dates depending upon location. Students receive a \$5,000 stipend inclusive of housing expenses. Visit www.nees.org for more information on the laboratory sites.

Apply online at: www.nees.org/education/resources/undergrad/.

CRA-W CAPP Advanced Career Mentoring Workshop, June 25-26, 2010

APPLICATION DEADLINE: April 15, 2010

The 2010 CAPP Professional Development workshop will be held June 25-26 in Providence, Rhode Island.

The goal of the workshop is to increase the percentage of Computer Science and Engineering women faculty members and researchers who reach the top of their respective career tracks: faculty members by being promoted to full professor, and researchers in industrial or governmental labs by being promoted to the top of their institution's technical ladder or by entering research management.

The cornerstone of the CAPP workshop will be the involvement of senior women, appointed as CRA-W Distinguished Professors or Researchers, who will actively participate in the program as role models, mentors, and advisers to the cohort. The project will build a community of associate professors and senior labs researchers, providing them with mentoring, leadership training, encouragement, and ongoing peer-support activities. The highly interactive workshop will include a Professional Development Workshop, a series of smaller meetings in conjunction with technical conferences/seminars, and ongoing electronically-based support activities.

Apply now at: <http://www.cra-w.org/capp> through April 15th.

The MoSAIc REU at Iowa State University, June 2 – August 7, 2010

APPLICATION DEADLINE: April 23, 2010

This is a ten-week research experience in the area of Microscale Sensing Actuation and Imaging. Students will pursue fundamental investigations related to design and manufacturing of microscale sensors, actuators and smart materials as well as development of state-of-the-art imaging and diagnostic systems. The research experiences will be complemented by cohort experiences including a suite of short courses, professional development and extracurricular activities. A unique component of the REU site will be a workshop on ethical issues pertaining to engineering research. Students can walk away from their REU experience where they evolved from a dependent status to a relatively independent status with life-long learning skills that will impact their contributions to society. Includes weekly stipend, travel expenses, food and housing.

More information can be found at <http://www.me.iastate.edu/mosaic>

ASEE/NSF Corporate Research Postdoctoral Fellowship for Engineers Program

DEADLINE: ASAP, will close when filled

40 highly qualified recent engineering Ph.D. recipients will conduct meaningful, innovative research at some of the nation's foremost research-performing companies. Program provides \$50,000 stipend expenses, \$6,500 insurance; and the host corporation pays \$25,000, so fellows will receive a minimum of \$75,000 for the one year program at a leading-edge corporate laboratory.

Apply at <https://aseensfip.asee.org/apply/sessions/new>. Additional program details: <https://aseensfip.asee.org/>
For further information, contact Tom Juliano at aseensfip@asee.org or (202) 331-3517.

NEWS at USC

WiSE Women Recognized at 2010 "Remarkable Women" Awards Ceremony

Congratulations to the WiSE Women recipients of the USC "Remarkable Women Awards" this year, given on March 3.

- Professor Maja Mataric, Professor and Dean of the Computer Science Department
- Michele Dea, Chemistry Department Administrative Manager
- Maud Comboul, graduate student, Civil Engineering
- Wendy Vu, graduate student, Molecular Biology
- Laura Pomatto, undergraduate student, Biomedical Engineering

Please see the [WiSE News webpage](#) for photos and details.

Entre átomos y moléculas: Latina sobresale en la nanotecnología

La Opinión, 3/15/10

Spanish article about our own Professor Andrea Hodge: "Andrea María Pulgarín Ochoa era una de esas raras estudiantes a quien le gustaban las matemáticas."

[Click here for the complete story \(in Spanish\).](#)

A Woman's Place is at the Forefront of Research

USC Viterbi School of Engineering News, 3/23/10

"Meet the team assembled by Andrea Armani of the Mork Department to create new optical devices and biosensors."

[Click here to see the Video Story.](#)

Other News & Articles of Interest

Colleges, Professors Discourage Women from Pursuing STEM Careers

Campus Technology, 3/23/10

Significant numbers of women and minorities who made it into science careers were discouraged along the way. What's more, the bulk of those who said they've experienced discouragement most often cited their educational institutions as the offenders, according to a report released this week.

[Click here for the full story.](#)