



## USC Women in Science and Engineering Newsletter

February 8, 2010; (Published Bi-Weekly)

Issue 1.2

### Calendar: WiSE 10<sup>th</sup> Anniversary Speaker Series

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

#### Tuesday, February 9<sup>th</sup>

- **Margaret Martonosi** (Princeton University), Electrical Engineering
- SAL 101, 4:00pm
- Reception to follow. All are welcome.

#### Tuesday, February 23<sup>rd</sup>

- **Cathy Murphy** (University of Illinois), Chemistry
- SSL 150, 12:30pm

#### Wednesday, February 24<sup>th</sup>

- **Idun Reiten** (Norwegian University of Science and Technology), Mathematics
- KAP 414, 3:30pm
- Tea prior to the lecture, KAP 410, 3pm, hosted by the Math Department. All are welcome.

### Calendar: WiSE Faculty Networking Meetings

Thursday, February 25<sup>th</sup>, HNB 107

Thursday, March 25<sup>th</sup>, HNB 107

### Calendar: Other Events

#### ACE Southern California Network: Free Webinar Series

February 11, 2010, 11:30am – 12:30pm

Topic: The Missing Wing - Why Women Leaders are needed for all of us to SOAR

Presenter: *Dr. Ding-Jo H. Currie, Chancellor, Coastline Community College District*

Webinar Description: Dr. Ding-Jo Currie is a well-known advocate for the development and advancement of women in leadership. She provides new insight to gender differences and balance. Dr. Currie makes the urgent case for why women leaders are needed to stop the ills of the world and to help.

#### Save the Date for the next Free Webinar:

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>.

#### AWIS LAVC Chapter: Improving Work-Life Satisfaction for Women

February 17, 2010, 6:00-8:30pm

Speaker: Cindy Simpson, AWIS National

Baxter Healthcare Corporation, 1700 Rancho Conejo Blvd, Thousand Oaks, CA 91320

RSVP: [tinyurl.com/WorkLifeSatisfaction](http://tinyurl.com/WorkLifeSatisfaction).

## **2<sup>nd</sup> Annual Women in Mathematics Symposium**

February 20, 2010, at USC

Keynote Speaker: Susan Montgomery of USC

Organized by the EDGE Southern California mentoring network in collaboration with the Women in Math group at USC, the vision for the symposium is to create a network of women mathematicians in Southern California and to provide an opportunity for graduate students to develop professionally by giving a mathematical talk in a supportive, non-threatening environment.

To register to attend and/or present your work, contact Cymra Haskell at [chaskell@usc.edu](mailto:chaskell@usc.edu).

## **National Postdoctoral Association (NPA): National Summit on Gender and the Postdoctorate**

March 10-11, 2010 at the Sheraton Philadelphia University City Hotel

The purpose of the summit is to address the issues that women face when attempting to transition from postdoc to faculty. Although women and men are roughly represented 50-50 at the postdoctoral level, there is a precipitous decrease in the number of women faculty. The NPA's purpose for hosting this event is to define the issues women face when transitions from postdocs to faculty and to find ways for the NPA and member institutions can better support women in this transition in the hopes of correcting this national disparity. <http://www.nationalpostdoc.org/meetings-and-events/advance-summit>

## **National Postdoctoral Association (NPA): Annual Meeting**

March 12-14, 2010

Following the National Summit on Gender and the Postdoctorate, the NPA will hold its annual meeting from March 12th through the 14th, 2010 in Philadelphia. The event is being hosted by U Penn, Thomas Jefferson, Drexel, CHOPs, and Temple. The keynote speaker of the event is Francis Collins, M.D. Ph.D., director of the National Institutes of Health. See the website for more details

<http://www.nationalpostdoc.org/meetings-and-events/annual-meeting/2010-annual-meeting>

## **ACE Southern California Network: Inaugural Women's Leadership Forum**

March 19, 2010, California State University San Marcos, The McMahan House

Your Journey: Ready, Set, Go!

Join the ACE Southern California Network for a day of networking and professional development with Keynote addresses, a Leadership Panel, and networking with faculty and administrators from the Southern California Region.

Registration rate is \$50.00 and includes a continental breakfast, lunch, parking, and conference materials. If you are unable to join us in-person but would still like to view the keynote address and leadership panel we have a special webinar rate of \$20.00. *Space is limited to 75 women.*

Registration link: <http://www.csusm.edu/owhe/leadershipforum/index.html>.

## **11<sup>th</sup> Annual Women in Higher Education Luncheon**

March 25, 2010, USC Davidson Continuing Education Conference Center, Embassy Room

Speaker: Diana Nyad, American Swimmer, World Record Holder

Thursday, March 25, 2010, 12-2pm

Please RSVP to [cfr@usc.edu](mailto:cfr@usc.edu) or (213) 740-8286 and (213) 740-1739.

More details [here](#). Website: [www.awislavc.org](http://www.awislavc.org).

## **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](mailto:jsheppard@kellogg.northwestern.edu).

Not all opportunities could be included in the Newsletter.

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

### **California Science and Technology Policy Fellowships**

**DEADLINE:** February 12, 2010 at 5:00pm PST

The California Council on Science and Technology (CCST) is now accepting applications for the 2010-2011 California Science and Technology Policy Fellowships based in Sacramento.

The S&T Policy Fellowship, a unique one-year professional development opportunity, provides the selected fellows with hands-on experience working with the California Legislature to incorporate science and technology into public policy. Eligible applicants will be PhD-level (or equivalent) scientists and engineers who have a sincere interest in California current events, the state legislative process, and a strong desire to learn how policy decisions are made.

More information is available at <http://www.fellows.ccst.us>.

### **USC Mellon Awards for Excellence in Mentoring – Call for Nominations**

**DEADLINE:** February 19, 2010

USC Mellon Mentoring awards are given to those who have substantially contributed to building an effective academic environment by their demonstrated excellence in and commitment to mentoring. Nominations are accepted for faculty mentoring Undergraduate Students, Graduate Students, or Faculty Colleagues.

WiSE faculty have been among the award recipients in years past, including Sarah Bottjer, Susan Forsburg, Maja Mataric, Urbashi Mitra, Hanna Reisler, and Lorraine Turcotte.

To nominate a great mentor: [USC Mellon Awards Nominations](#).

### **Nature Inspired Engineering Research Experiences for Undergraduates (NISE-REU) Program**

**DEADLINE:** February 26, 2010

Program Dates: June 7- August 13, 2010

Website: [www.nise.udel.edu](http://www.nise.udel.edu)

Undergraduate students (rising junior and senior engineering and related discipline students) are invited to participate in a ten week summer research program sponsored by the National Science Foundation and the College of Engineering at the University of Delaware. Participants in the program receive a \$4500 stipend and on-campus housing. The program is intended primarily for undergraduates who are in their junior year at the time of application. Applications from women and minorities are especially encouraged. However, all undergraduates currently enrolled in a U.S. college or university are eligible.

To apply, you must complete the on-line application at [www.nise.udel.edu](http://www.nise.udel.edu).

Contacts for further information: Profs. Kenneth Barner and Takashi Buma, at [nise-reu@ece.udel.edu](mailto:nise-reu@ece.udel.edu).

### **USC CAMS Prize Call: Center for Applied Mathematical Sciences, Graduate Student Prize for Excellence in Research with a Substantial Mathematical Component - \$1000**

**DEADLINE:** March 1, 2010 at 4pm PST

Eligible nominees are PhD candidates graduating 5/2010 – 8/2011.

Include with your nomination: nominating letter from the student's dissertation committee chair, nominee's CV, and a statement of 3 pages or less by the nominee describing the research. Reprints, preprints, and a faculty letter of support may also be included.

Please direct nominations to the Director of CAMS and send the material to:

Fatima Perez, Department of Mathematics, KAP 108, MC 2532, e-mail: [fcper@usc.edu](mailto:fcper@usc.edu).

### **Computer Security Research Experience for Undergraduates in Science and Engineering at the University of Maryland, College Park**

**DEADLINE:** March 1, 2010

Program Dates: June 1 – August 6, 2010

The Women in Engineering Program at the University of Maryland is seeking applications for Scholars to become integral members of 5 team-based research projects in computer security coordinated by faculty in the A. James Clark School of Engineering and College of Computer, Mathematical, and Physical Sciences. Students majoring in engineering, computer science, math, and physical science are strongly encouraged to apply. Each Scholar receives a \$4,000 stipend, \$300 food allowance and housing. Funding is available for transportation.

For additional information and applications go to: <http://www.wie.umd.edu/undergrad/reucomps.html> or contact Dr. Paige Smith ([pesmith@umd.edu](mailto:pesmith@umd.edu) or 301-405-3931).

## **ASEE/NSF Corporate Research Postdoctoral Fellowship for Engineers Program**

**DEADLINE:** ASAP

This program will allow 40 highly qualified recent engineering Ph.D. recipients to conduct meaningful, innovative research at some of the nation's foremost research-performing companies. The program provides \$50,000 toward stipend expenses and \$6,500 toward health insurance for each one-year fellowship, and requires that the host corporation pay just \$25,000 toward the stipend and a \$2,500 administrative fee, so fellows will receive a minimum of \$75,000 for one year at a leading-edge corporate laboratory. Host companies currently include HP, IBM, and number of others.

Fellowships will be awarded to the first 40 successful matches made between the company and applicant, with the companies making the selection decision.

At the time of application, research fellows must hold a Ph.D. awarded in an engineering field within the last three years and be U.S. citizens, U.S. nationals, or permanent residents. Interested applicants should begin the process at <https://aseensfip.asee.org/apply/sessions/new>.

Additional program details, along with a sample host agreement, can be found at <https://aseensfip.asee.org/>.

For further information, contact Tom Juliano at [aseensfip@asee.org](mailto:aseensfip@asee.org) or (202) 331-3517.

### **Professor Hanna Reisler to receive the Provost's Mentoring Award for 2010**

This award is given to an individual faculty member who has demonstrated sustained success in mentoring other USC faculty, graduate students or undergraduates, and in helping them to achieve success in their profession.

As the chair of her department, Charles McKenna, wrote, "it goes without saying that Hanna epitomizes this Award and we are all very proud of her accomplishments." This sentiment is shared by all of us affiliated with WiSE!

Please join us in congratulating Hanna on this well-deserved recognition!

### **Colleges Seek New Ways to Support Female Scientists**

The Chronicle of Higher Education, 1/24/10

"Federal grants have helped colleges develop programs to support women in science and engineering. After the money runs out, the programs must get creative to survive."

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

### **Commentary: But You Don't Look Like an Engineer ...**

The Chronicle of Higher Education, 1/24/10

"As female engineering professors, we often find that people do a double take when we tell them what we do. 'There are women?' they say. 'In engineering?'"

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

### **Girls' math fears may start with female teachers**

Associated Press, 1/25/10

"Little girls may learn to fear math from the women who are their earliest teachers. Despite gains in recent years, women still trail men in some areas of math achievement, and the question of why has provoked controversy. Now, a study of first- and second-graders suggests..."

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

### **Female Undergraduates Continue to Outnumber Men, but Gap Holds Steady**

The Chronicle of Higher Education, 1/26/10

"Though the gender gap was stable for most groups, it continued to widen for Hispanic students, says a report by the American Council on Education."

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

### **Science Funding Gets a Boost**

Inside Higher Ed, 2/2/10

"A tough budget year could have meant big cuts for science research funding, but as mapped out in the Obama administration's plan for the 2011 fiscal year released Monday, it doesn't. Though President Obama vowed last week in his State of the Union address to freeze discretionary domestic spending, his \$3.8 trillion budget shifts priorities to find increases for science and technology research and education that well outpace the 1.1 percent rate of inflation expected over the next year."

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