



**USC Women in Science and Engineering Newsletter**

January 25, 2010; (Published Bi-Weekly)

**Issue 1.1**

**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](#).

**Monday, January 25<sup>th</sup>**

- **Magali Billen** (UC Davis), Earth Sciences
- ZHS 159, 3:30pm
- WiSE hosted reception at 4:30pm, ZHS 118 following the lecture. All are welcome.

**Monday, February 1<sup>st</sup>**

- **Lisa Grant** (UC Irvine), Earth Sciences
- ZHS 159, 3:30pm
- WiSE hosted reception at 4:30pm, ZHS 118 following the lecture. All are welcome.

**Wednesday, February 3<sup>rd</sup>**

- **Naomi Salas** (Rice University), Electrical Engineering
- HNB 100, 2:00pm

**Friday, February 5<sup>th</sup>**

- **Juliana Barr** (Stanford University), Biomedical Engineering
- Keynote speaker, 2010 ASBME Corporate Luncheon

**Friday, February 5<sup>th</sup>**

- **Mina Teicher** (Bar-Ilan University), Mathematics
- KAP 414, 2:00pm

**Friday, February 8<sup>th</sup>**

- **Marsha Lester** (University of Pennsylvania), Physical Chemistry
- SSL 150, 12:00pm

**Friday, February 9<sup>th</sup>**

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

**Calendar: WiSE Faculty Networking Meetings**

**January 28<sup>th</sup> postponed to February 5<sup>th</sup>** for a Special WiSE-hosted Faculty Luncheon with Mina Teicher, 12pm-1:30pm. Watch your email for details.

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

**Calendar: Other Events**

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

March 25, 2010

Speaker: Diana Nyad, American Swimmer, World Record Holder

Thursday, March 25, 2010, 12-2pm

USC Davidson Continuing Education Conference Center, Embassy Room

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

...Calendar: Other  
Events

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

**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>

**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)

Opportunities

Not all opportunities could be included in the Newsletter.

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

**The Eighth Annual Remarkable Women Awards**

**DEADLINE:** February 1 at 5:00 pm

These awards celebrate the accomplishments and contributions of women faculty, staff, and students, both undergraduate and graduate at USC. Twelve women will be recognized and honored for a variety of accomplishments. The selection committee will look at the achievements in the individual nominee's field, significant contributions to USC, commitment to students and women's issues, community involvement and professional and/or other types of recognition. Self-nominations and nominations from faculty, staff and students are welcome. Please complete a nomination form and return it to: Heather Larabee, Hazel and Stanley Hall 100, MC 0921 Nomination forms are available online at the Application Clearinghouse at [www.usc.edu/ca](http://www.usc.edu/ca).

Each woman nominated and her nominator are invited to attend an awards reception on Wednesday, March 3 at 5:30 pm in the Vineyard Room of Davidson Conference Center.

**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](#)

### 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: [fcperetz@usc.edu](mailto:fcperetz@usc.edu).

### 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.

#### Alice Gast, BSCHE '80

A distinguished chemical engineer and alumnus of USC, Alice Gast has been nominated as President of AAAS.

For more about Alice: [Alice Gast](#)

For more about AAAS: [AAAS Website](#)

#### Visionary

LA Times Magazine, January 2010

Professor Maja Mataric was featured in a recent article.

“RoboCare: Roboticist Maja Mataric foresees a kinder, gentler A.I.”

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

#### The Female Factor: In Germany, a Tradition Falls, and Women Rise

NY Times, January 18, 2010

“Manuela Maier was branded a bad mother. A Rabenmutter, or raven mother, after the black bird that pushes chicks out of the nest. She was ostracized by other mothers, berated by neighbors and family, and screamed at in a local store. Her crime? Signing up her 9-year-old son when the local primary school first offered lunch and afternoon classes last autumn — and returning to work...”

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

### **Gender Matters**

Inside Higher Ed, December 16, 2009

“Does having a woman in the top job (or the No. 2 slot) make a difference? When it comes to faculty hiring, the answer appears to be Yes...”

[Click here for the full story](#)

### **Housework Is an Academic Issue:**

#### **How to keep talented women scientists in the lab, where they belong.**

AAUP “Academe” January-February 2010

“Scientists are likely not to be interested in thinking about housework. Since René Descartes, Western culture has stringently separated matters of mind from body. Housework is, however, related...”

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

### **. . . Women 2009 Nobelists Comment on Gender Issues in Science**

Microbe Magazine, American Society for Microbiology, December 2009

“When the Nobel Foundation, which is based in Stockholm, Sweden, notifies winners of their new lofty status early each October, its representatives routinely interview those recipients after offering their formal congratulations. New winners, typically caught offguard...”

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

### **Old Ideas Spur New Approaches in Cancer Fight**

NY Times, January 18, 2010

“Mina Bissell will never forget the reception she got from a prominent scientist visiting Lawrence Berkeley National Laboratory, where she worked. She gave him a paper she had just published on the genesis of cancer. He took the paper and held it over the wastebasket and said, ‘What do you want me to do with it?’ Then he dropped it in. That was 20 years ago...”

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

### **Women and work:**

#### **The rich world’s quiet revolution: women are gradually taking over the workplace**

The Economist, 12/30/09

“At a time when the world is short of causes for celebration, here is a candidate: within the next few months women will cross the 50% threshold and become the majority of the American workforce...”

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

### **Female power:**

#### **Across the rich world more women are working than ever before. Coping with this change will be one of the great challenges of the coming decades**

The Economist, 12/30/09

“The economic empowerment of women across the rich world is one of the most remarkable revolutions of the past 50 years. It is remarkable because of the extent of the change...”

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

### **Womenomics:**

#### **Feminist management theorists are flirting with some dangerous arguments.**

The Economist, 12/30/09

“The late Paul Samuelson once quipped that “women are just men with less money”. As a father of six, he might have added something about women’s role in the reproduction of the species...”

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

### **“Women in Science at the National Institutes of Health 2007-2008”**

This is a new publication showcasing the achievements of some of the accomplished women at the NIH and is intended to inspire a diversity of girls and boys, women and men to enter or continue in science careers.

Sponsored and prepared by the NIH Office of Research on Women’s Health (ORWH) with assistance from the members of the NIH Coordinating Committee on Research on Women’s Health, the book celebrates the careers and accomplishments of 289 talented female scientists and administrators who are part of the NIH community.

Each NIH Institute, Center and Office recommended up to 15 doctoral-level women to be featured in the publication.

To download an electronic copy or order a hard copy go to: <http://orwh.od.nih.gov/>.