



University of Southern California
Women in Science and Engineering Program (WiSE)
www.usc.edu/wise

Welcome Back to School!!

WiSE Program Upcoming Deadlines

Fall 2010 Undergraduate Research Grants

NEXT WEEK – College Deadline: Monday, August 30, 2010

Fellowship Awards for Fall offer \$2,500 (\$2,000 for the student and \$500 for advisor support) and are intended to familiarize exceptional undergraduate students in the sciences, math and engineering with laboratory research and link them with a mentor early on.

To apply and get more information, please visit the WiSE website: [Undergraduate Research Grants](#).

Calendar: WiSE Events

2010 WiSE Fall Library Program

The USC Women in Science and Engineering Program
together with the USC Science and Engineering Library
presents

2010 Fall Library Program and Orientation for WiSE Faculty, Students, and Postdocs

Thursday, September 16, 2010

11:00 a.m. – 1:00 p.m.

Science and Engineering Library

Space is limited, and **RSVP is required** to wiseprog@usc.edu
[Click here for more information.](#)

2010 WiSE Distinguished Lecturer: Dr. Rita Colwell

Friday, October 22, 2010

Lecture: 2pm

Reception: 3pm

Recent winner of Stockholm Water Prize:

Chemical and Engineering News (<http://pubs.acs.org>)

[Click here for more information about Dr. Colwell and the lecture.](#)

**Calendar: WiSE
Networking Meetings**

WiSE Faculty Networking Meetings

- **THIS WEEK** – Networking Lunch, HNB 107. Bring your own lunch; cookies, coffee, and tea provided.
 - Thursday, August 26th, 12pm
- WiSE Hosted Lunch and Welcome to New Faculty, University Club: PUB Room
 - Thursday, September 30th, 12pm
 - RSVP to Amanda at amanda.urias@usc.edu

WiSE Postdoctoral Networking Group

- Thursday, Sept 9, 5pm – Networking Happy Hour at Bacaro LA
- Friday, Sept 17 – meet with Karla Heidelberg to learn what to do once you have a faculty position

Opportunities

**Grace Hopper Celebration of Women in Computing
"Collaborating Across Boundaries"**

Atlanta, Georgia; September 28 - October 2, 2010

The Grace Hopper Celebration of Women in Computing is a series of conferences designed to bring the research and career interests of women in computing to the forefront. Presenters are leaders in their respective fields, representing industrial, academic and government communities. Leading researchers present their current work, while special sessions focus on the role of women in today's technology fields, including computer science, information technology, research and engineering.

Past Grace Hopper Celebrations have resulted in collaborative proposals, networking, mentoring, and increased visibility for the contributions of women in computing.

For more information, visit <http://gracehopper.org/2010/>.

Ford Foundation Fellowship Programs

Application Deadlines: Early November 2010

Ford Foundation Fellowship Programs are designed to increase the diversity of the nation's college and university faculties by increasing their ethnic and racial diversity, to maximize the educational benefits of diversity, and to increase the number of professors who can and will use diversity as a resource for enriching the education of all students. Stipends of \$20,000 - \$40,000 for predoctoral, dissertation, and postdoctoral applicants.

For additional information and applications, contact:

National Research Council of the National Academies
500 5th Street NW, K576
Washington, DC 20001

Phone: (202) 334-2872; Fax: (202) 334-3419; E-mail: infofell@nas.edu

See Web site for complete eligibility information: <http://national-academies.org/fellowships>

**News &
Articles of Interest**

NEWS at USC

To see the USC WiSE News archives, please visit www.usc.edu/programs/wise/news/

Welcome to new WiSE Faculty:

Rebecca Broyer, Chemistry

Dorit Hochbaum, Industrial and Systems Engineering

Yan Liu, Computer Science

Jean Morrison named Executive Vice Provost for Academic Affairs

USC News, August 11, 2010



"Jean Morrison was named executive vice provost of academic affairs on Aug. 10 by Elizabeth Garrett, interim senior vice president for academic affairs. Reporting to Morrison will be the Office of Undergraduate Programs, which will continue to be led by vice provost Eugene Bickers, as well as the USC Graduate School and the Office of Continuing Education and Summer Programs, both of which will have new leadership."

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

...NEWS at USC

Urbashi Mitra to Serve as USC Center for Excellence in Research (CER) Fellow

USC Ming Hsieh Department of Electrical Engineering News, August 16, 2010



Professor Urbashi Mitra of the Ming Hsieh Department of Electrical Engineering will be a Fellow at USC Center for Excellence in Research (CER) (<http://www.usc.edu/research/about/vp/cer/>) during the 2010-2011 academic year. She is the first EE faculty member to receive this distinction.

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

Elaine Chew Speaks at the National Academy of Engineering (NAE) U.S. Frontiers of Engineering Symposium

USC Ming Hsieh Department of Electrical Engineering News, August 13, 2010



“Viterbi School faculty member Elaine Chew has been chosen as one of 15 presenters at the National Academy of Engineering's (NAE) 16th annual U.S. Frontiers of Engineering Symposium...to be held September 23-25, 2010 at the IBM Learning Center in Armonk, N.Y (<http://www.nae.edu/Programs/FOE/USFOE/2010USFOE.aspx>).”

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

Burcin Becerik-Gerber to participate in Frontiers of Engineering Education Symposium, Dec 2010



Professor Burcin Becerik-Gerber was chosen as one of the select few among a large number of very compelling applications to participate in the Frontiers of Engineering Education Symposium, to be held at the National Academies' Beckman Center in Irvine, CA, hosted by the Center for the Advancement of Scholarship on Engineering Education of the National Academy of Engineering (NAE).

Congratulations, Professor Becerik-Gerber!

Digg This: ISI Computer Scientist Forecasts Social Network Behavior

Next, Kristina Lerman hopes to learn how a story goes viral.

USC Viterbi School of Engineering News, August 11, 2010



“Computer Scientist Kristina Lerman of the Information Sciences Institute recently took a look at Digg, and found that watching the behavior of a relatively few superusers foretold the fate of newly posted stories. Digg is the news aggregation web site that posts 25,000 new stories every day. Lerman and Tad Hogg of the Institute for Molecular Manufacturing analyzed postings in the site's "upcoming" list -- stories that are held in a queue waiting to be "promoted" to the main pages of the site -- trying to predict which stories would become popular. The pair presented their resulting paper, "The Social Dynamics of Digg" at the 4th International Conference on Weblogs and Social Media recently in Washington D.C.”

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

...NEWS at USC

Center for Dark Energy Biosphere Investigations (C-DEBI)

www.darkenergybiosphere.org

The Center is on its way with a new C-DEBI website incorporating the DEBI-RCN website! We have a terrific future in deep biosphere research, education and outreach and will continue to share opportunities via the website, Facebook, newsletters and the mailing list. Please visit the website at <http://www.darkenergybiosphere.org> to see what we have in store! And watch for our exhibitor booth at ISME in Seattle next week!

Two C-DEBI research support announcements:

1) C-DEBI Research Support Program

Apply for small grants in support of projects relating to C-DEBI research themes. We invite proposals in the range of \$50,000 for projects that are relevant to deep biosphere research and in particular complement the scientific program of recent or scheduled IODP drilling expeditions. For details, see our request for proposals at <http://www.darkenergybiosphere.org/research/proposals.html>.

2) C-DEBI Postdoctoral Scholar Program

The C-DEBI Postdoctoral Scholar Program supports postdoctoral research in C-DEBI laboratories. Candidate fellows are encouraged to examine the IODP Expedition Schedule prior to developing their research proposal as all fellowship research is expected to align with the objectives of an IODP Expedition that involves research into the deep biosphere. See more on our postdoctoral scholar program at <http://www.darkenergybiosphere.org/education/postdocs.html>.

Other News & Articles of Interest

Professor Offers Ten Strategies For Women Students In STEM Fields

US News and World Report, August 11, 2010

In the "Professors' Guide" section of US News and World Report (8/11), Lynn F. Jacobs and Jeremy S. Hyman point out the disparity between men and women earning STEM-related bachelor's degrees, and note that "a recent and quite interesting meta-study" from the AAUW identified "eight factors that contribute to the disparity between the number of female and male college students electing the sciences: beliefs about intelligence, stereotypes, self-assessment, spatial skills, the college student experience, university and college faculty, implicit bias, and workplace bias." Seeking to determine "what advice could be offered to women in male-dominated, STEM fields," the authors "invited visiting blogger Sara Seager, professor of planetary science and of physics at MIT, to share her best tips." Seager offers ten recommendations, including becoming involved in research projects and joining a peer support group.

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

Parenthood Gaps and Premiums

Inside Higher Ed, August 16, 2010

Research points to varying impacts of faculty careers on having children and of having children on faculty salaries. Males come out more favorably, but not always in expected ways.

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