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

WiSE Program Upcoming Deadlines	**Fall 2010 Undergraduate Research Grants**

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Fall 2010 Undergraduate Research Grants

DEADLINE NEXT WEEK – Viterbi Applications: Monday, August 2, 2010

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

Mark your calendar and save the dates for these events in Fall 2010:

2010 WiSE Fall Library Program
Thursday, September 16, 2010
11:00am - 1:00pm
USC Science and Engineering Library

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 the lecture.

Calendar: WiSE Networking Meetings

WiSE Faculty Networking Meetings
-   Networking Lunch, HNB 107. Bring your own lunch; cookies, coffee, and tea provided.
    •   THIS WEEK: Thursday, July 29th, 12pm
    •   Thursday, August 26th, 12pm
-   WiSE Hosted Lunch and Welcome to New Faculty, University Club: PUB Room
    •   Thursday, September 30th, 12pm

WiSE Postdoctoral Networking Group
-   Friday, Aug 6th, 12pm, RRI 121: Steven Moldin, Executive Director of the Office of Research Advancement for USC will discuss Funding Sources

Calendar: Other Events	**Association for Women in Science, LA-Ventura County Chapter (AWIS LAVC)**

For more information about current Chapter activities, please visit our website: www.awislavc.org

- **Financial Planning Seminar: "Women, Power, and Money"**
  Thursday, August 12, 2010 (6:30pm): 1 hour seminar followed by networking hour (Occidental College)

- **AWIS LAVC Chapter August Event: Escondido Falls, Malibu Day Hike and Picnic**
  Saturday, August 21, 2010

Opportunities	**Negotiating the Ideal Faculty Position Workshop**

Negotiating the Ideal Faculty Position Workshop
Rice University, Houston, TX; Sept 19-21, 2010
APPLICATION DEADLINE: July 29, 2010

A workshop designed for underrepresented postdocs & late stage PhD students in science, engineering and psychology to provide participants hands-on experience to enhance their knowledge of and ability to find the right faculty position. Through support from the National Science Foundation (NSF) ADVANCE Institutional Transformation Award, *all meals, and lodging costs will be provided for workshop participants. Participants are only responsible for paying for their travel to and from Rice.*

Application materials must be submitted electronically at: http://advance.rice.edu/negotiatingtheidealfacultyposition
Applicants selected to participate will be notified by August 16, 2010.

2010 Scalable Data Analytics IBM Innovation Award
DEADLINE: August 8, 2010/ August 15, 2010

This is an international award competition designed to increase the use of open source and open standards-based tools for academic curricula and research. Since 2003, IBM has provided Innovation Awards to faculty worldwide for the purpose of furthering teaching, research, and community building around key technologies such as Eclipse and Unstructured Information Management Architecture (UIMA).

Proposals accepted from June 7, 2010 – August 15, 2010 with the deadline for sending an email to awards@us.ibm.com to initiate a proposal being August 8, 2010. Cash awards are valued between $10,000 and $30,000 USD. To qualify for these awards, the submitter must be a full-time faculty member at an accredited college or university which offers Baccalaureate, Masters or Doctoral programs.

Program details/ instructions can be found at: 2010 Scalable Data Analytics Innovation Award.

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 at USC

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

Making Optical Switching More Practical for Telecom
Researchers suggest an optical processing method that could lead to faster telecommunications.
Technology Review, Published by MIT, July 1, 2010

Light work: Michelle Povinelli uses mathematical modeling to study how light moves through structures.

Click here for the complete story.

Tweet as Can Be
USC News, July 19, 2010

"Loud and lively singers, some liken the sound of finches to toy trumpets....Sarah Bottjer discovered in her latest study that the basal ganglia pathway in zebra finches has two parallel circuits, rather than a single neural circuit as previously thought."

Click here for the complete story.

Other News & Articles of Interest

For working mothers in academia, tenure track is often a tough balancing act
The Washington Post, July 11, 2010
"The tenure system of academia is uniquely incompatible with the biological clocks of working women, according to a new study, one of the first to examine the persistent "leak" of talented women from the pipeline that produces professors. For women intent on becoming both scholars and mothers, the timing of the tenure track could not be worse. The average female doctorate is awarded at 34, an age when many college-educated women are starting families. Tenure, a defining moment in a professor's career, is decided roughly seven years later, just as the parenting window is closing."
Click here for the complete story.

Why Women Are Shunning Science Careers
The Huffington Post, July 22, 2010
"…So where are the women in science and engineering and math?...New research is now pointing to a novel explanation for the discrepancy."
Click here for the complete story.

Who's the Scientist?
Fermi National Accelerator Laboratory, June 2010
Seventh graders describe scientists before and after a visit to Fermilab.
See the descriptions at: http://ed.fnal.gov/projects/scientists/index.html.