



University of Southern California
Women in Science and Engineering Program (WiSE)

www.usc.edu/wise

WiSE Program
Upcoming Deadlines

Fall 2010 Undergraduate Research Grants

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

USC Young Researchers Program – Poster Symposium (WiSE Sponsored)

Friday, August 13, 2010, 11:30am – 2pm, Zumberge Hall (ZHS) interior courtyard

Please join us in a celebration of our outstanding local high school students' research accomplishments this summer! The students will be presenting posters describing their research projects from 11:30am-1:30pm, and the graduation ceremony starts at 1:30pm. So stop by, meet the students and mentors, check out their research work, and congratulate them on a job well done.

Refreshments will be provided!

<http://earth.usc.edu/youngresearchers/>

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.
 - Thursday, August 26th, 12pm
- WiSE Hosted Lunch and Welcome to New Faculty, University Club: PUB Room
 - Thursday, September 30th, 12pm

WiSE Postdoctoral Networking Group

- Save the date for a Networking Happy Hour at Bacara LA on Thursday, Sept 9th

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

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/

Microbes on the Menu

USC News, July 26, 2010



Astrid Schnetzer is the principal investigator on a project funded by the National Science Foundation to examine the changes that might occur within communities of marine microbes as seawater becomes more acidic, a change that is happening as the rising levels of carbon dioxide in the atmosphere are absorbed by the ocean. The study will examine the response of microbial communities to ocean acidification and increases in temperature.

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

Making the Most with Yeast

USC News, July 27, 2010



There is good reason Susan Forsburg's (pictured here with Postdoc Sarah Sabatinos, left & PhD student Pao-chen Li) laboratory smells of sourdough. The USC College biologist is among the most prominent fission yeast researchers in the country. Inside her lab are hundreds of petri dishes containing cultures of *Schizosaccharomyces pombe* — a single-celled fungus Forsburg and her team use to study DNA damage and mutation that in humans may lead to cancer. [Click here for the complete story.](#)

Other News & Articles of Interest

Why women leaders are MIA from academic life

Washington Post, July 22, 2010

“I never doubted I'd "do-it-all." But the work-family conundrum took on new meaning for me several years ago when, in the middle of teaching a psychology course, I received a message that my oldest had been in an accident at school.”

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

1st Woman in Space Sally Ride launches Science Academy

USA Today, August 1, 2010

“Ask a third-grader to draw a scientist, and you'll probably get a white-haired man dressed in a lab coat. But Sally Ride, America's first woman in space, would like to change that. Once teachers attend her Sally Ride Science Academy, she hopes those third-graders will show men and women hiking, exploring the oceans and flying in space. And maybe the scientists will resemble the young artists themselves.”

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

Summer camp encourages girls to pursue careers in marine-science fields through hands-on activities

San Jose Mercury News, August 5, 2010

“Soraya Levy's favorite part of the week was learning to surf under the watchful gaze of the dolphins that were gliding nearby, while Isabelle Crossen's was learning about the creatures that spend their lives in the shallow tide pools.”

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

New Reference Book:

Women in Engineering, Science and Technology: Education and Career Challenges

This new publication “provides a collection of recent high-quality empirical studies related to the education and careers of women in engineering, science and technology disciplines, with cases on innovative approaches to attracting and supporting women in training courses, and discussions on the effectiveness of mentoring, role models, government policy, and initiatives by professional bodies. This reference work is ideal for professionals and researchers working in the field of education and career development for women in engineering, science and technology, while also offering insights and support to academics concerned with attracting and retaining women in these disciplines, and providing information to members of professional bodies representing engineers, scientists and technology workers who wish to encourage women during their transition from education to the workforce.”

See <http://www.igi-global.com/Bookstore/TitleDetails.aspx?TitleId=37330> for purchasing and other information.