



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

[www.usc.edu/wise](http://www.usc.edu/wise)

WiSE Program  
Upcoming Deadlines

**Fall 2010 Undergraduate Research Grants**

**Viterbi: Monday, August 2, 2010**

**College: 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.

For 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

**Rita Colwell Wins Stockholm Water Prize**

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

Awards: June 28, 2010

Rita R. Colwell, Distinguished University Professor at the University of Maryland and Johns Hopkins University Bloomberg School of Public Health, is the winner of the 2010 Stockholm Water Prize. The prize is awarded by Stockholm International Water Institute to an individual, organization, or institution for outstanding water-related activities and consists of \$150,000 and a crystal sculpture. Colwell has shown how changes in climate, adverse weather events, shifts in ocean circulation, and other ecological processes can create conditions that allow infectious diseases to spread. Her research in the Bay of Bengal, in Bangladesh, for example, demonstrated that warmer ocean surface temperatures have stimulated the growth of cholera-hosting zooplankton and have directly led to an increase in the number of cholera cases. In the U.S., Colwell was the first to lead research experiments on the impact of El Niño on human health and the aquatic environment. In addition to her academic roles, Colwell is senior adviser and honorary chairperson of Canon U.S. Life Sciences, which is exploring the potential applications of molecular diagnostic technologies to the field of life sciences. Colwell became the first woman to serve as director of the National Science Foundation, a role she held from 1998 to 2004. Her interests include K-12 science and mathematics education, graduate science and engineering education, and the increased participation of women and minorities in science and engineering.

[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, July 29<sup>th</sup>, 12pm
  - Thursday, August 26<sup>th</sup>, 12pm
- WiSE Hosted Lunch and Welcome to New Faculty, University Club: PUB Room
  - Thursday, September 30<sup>th</sup>, 12pm

**WiSE Postdoctoral Networking Group**

- Friday, July 23<sup>rd</sup>, 12pm, RRI 121: Dean Michael Quick discusses Writing Effective Cover Letters
- Friday, Aug 6<sup>th</sup>, 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](http://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**

**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](mailto: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](#).

**The Global Renewable Energy Education Network (GREEN) 2010 Summer Session**

GREEN offers ambitious students in engineering, business, policy, ecology, and other related fields an opportunity to learn the ins and outs of renewable energy and related topics through an intensive 12-day educational adventure in Costa Rica. The program spans the topics of renewable energy, green building, sustainability, business policy, nutrition and more. Six Summer Sessions are ongoing in 2010.

For more info visit [greenworknow.com](http://greenworknow.com), or contact Melissa Lee at 646.435.4879 or [melissa@greenworknow.com](mailto:melissa@greenworknow.com).

**News &  
Articles of Interest**

**NEWS at USC**

**Professor Alice Parker interviewed/ featured:**

**“Looking at the Gender Gap”**

*The Institute*, an IEEE publication, March 8, 2010

“Although outreach efforts to bring more women into engineering are abundant, a large gender gap still exists. Men continue to outnumber women in engineering fields around the world, with women making up roughly 10 percent of engineers... Why do women continue to remain underrepresented? Does it really matter? And what can be done to close the gap?”

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

## ...NEWS at USC

### **Viterbi School Project Focuses on a Grey Area in the Grey Matter**

USC Viterbi School of Engineering News, June 30, 2010

“Viterbi School graduate students Viviane Ghaderi and Sushmita Allam have won a \$100,000 competitive grant from the wireless telecommunications and technology company Qualcomm. The grant will enable research into how the brain’s non-neuron parts contribute to brain function.”

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

## Other News & Articles of Interest

### **Why so long?**

*Current Biology*, Volume 20, Issue 10, Page R426, May 25, 2010

“The new report “*Why So Few?*” by the American Association of University Women makes me feel old. I am really not that old, but I am old enough that my first career aspirations were to marry someone I would meet in graduate school and work in his lab...”

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

### **SWE Releases Comprehensive Review of Engineering and Technology**

Society of Women Engineers, June 23, 2010

“As part of the yearlong 60th anniversary celebration, the Society of Women Engineers (SWE)...released a comprehensive review of the most impactful science, technology, engineering and mathematics (STEM)-related literature. The compilation spans the past nine years of *SWE Magazine*’s annual reviews of social science literature on women in engineering. The reviews provide expert analysis of published documents in the engineering and technology fields with a focus on women’s issues, ranging from work/life balance to outreach to diversity in higher education...The compilation is available electronically to the public and will be updated yearly to provide the most current research. Please visit the SWE website at [www.swe.com](http://www.swe.com) for more information about the Society and to access the literature review compilation.”

[Click here for more information.](#)