



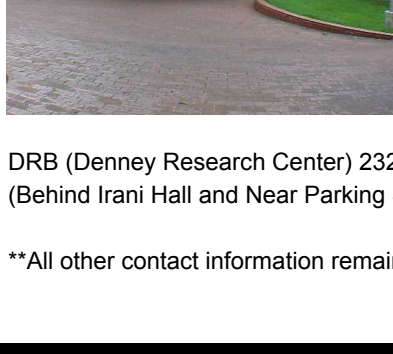
USC WOMEN IN SCIENCE AND ENGINEERING

Announcements

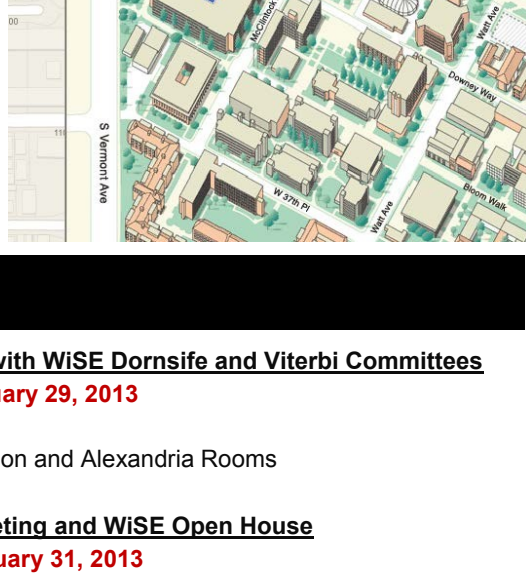
We at WiSE welcome all students, staff, and faculty back to campus. We hope you had a pleasant holiday season and a very Happy New Year. We wish you well as the new semester gets underway and look forward to a productive Spring term. Sincerely,
Leana Golubchik and Sarah Fried-Gintis



"Like" Us! on Facebook
<http://www.facebook.com/USCWise>



THE USC WiSE PROGRAM HAS MOVED TO A NEW BUILDING.



DRB (Denney Research Center) 232
(Behind Irani Hall and Near Parking Structure A)

**All other contact information remains the same.

Upcoming WiSE Events

WiSE Advisory Board Spring Joint Meeting with WiSE Dornsife and Viterbi Committees
Tuesday, January 29, 2013
Noon
USC University Club, Jefferson and Alexandria Rooms

WiSE Faculty Networking Meeting and WiSE Open House
Thursday, January 31, 2013
Noon
WiSE Suite/ DRB 232
**Lunch will be provided.

Upcoming WiSE Deadlines

APPLICATIONS

WiSE Major Support for Current Faculty
Monday, January 28

WiSE Major Support for Current Faculty is a competitive program that offers awards of up to \$25,000 and is aimed at offsetting subtle biases, barriers, and career interruptions that have been shown to hinder the advancement of women faculty in the sciences and engineering at research universities. To be eligible, applicants must have faculty appointments in the departments of the Viterbi School of Engineering or the natural science and math departments of the USC Dana and David Dornsife College of Letters, Arts, and Sciences (Biology, Chemistry, Earth Sciences, Mathematics, and Physics & Astronomy).

Additional information on the program is available at:

http://www.usc.edu/programs/wise/programs/faculty_support/

Faculty are encouraged to consult with the WiSE program office to determine the eligibility of a proposed activity.

Congratulations

USC Alumna, **Sarah Hester**, who received a WiSE Undergraduate Research award to work with Professor Joseph Kunc (Astronautical Engineering) during the 2011/2012 academic year, has won several awards for her project, "Thrust Augmentation of a Solid Rocket Motor By Means of Inert Gas Injection." These awards include:

- the Laufer Award for best senior design project in the USC AME department,
- 1st place in the USC Viterbi Senior Design competition,
- 2nd place at the USC Undergraduate Research Symposium,
- 1st place at the AIAA Student Conference Region VI,
- 1st place at the AIAA International Student Conference -- making it the best aerospace team project in the nation!

Congratulations to Sarah and Joseph!

Opportunities of Interest

SUMMER 2013 RESEARCH EXPERIENCES FOR UNDERGRADUATES IN SCIENCE AND ENGINEERING

[Click here for more information and to apply](#)

Application Deadline: **Friday, January 25, 2013**

Welcome to the [Center for Compact and Efficient Fluid Power \(CCEFP\) Research Experiences for Undergraduates \(REU\) Program](#). The program allows undergraduates to gain hands-on experience in conducting original research and apply it to cutting edge applications in fluid power and related disciplines.

The program and Center are funded by the National Science Foundation. Students come from all around the country to work at the seven universities that are part of the Center. Students have a diverse range of majors, experiences and interests. We hope that you will consider joining us this summer.

Students work in a university research lab on a project related to fluid power along with a faculty advisor and graduate student mentor with expertise in the field. Projects may involve background reading of technical literature and reports, computer-aided design, mathematical modeling, fabrication designs, experimental testing and group discussions and project team meetings. Every student has a project of their own with specific responsibilities and deliverables. At the end of the summer, every student creates a scientific poster and a project report. In addition, there is a program of professional development and social activities with other REU students.

REU positions are available at Georgia Tech in Atlanta, University of Illinois in Urbana-Champaign, University of Minnesota in Minneapolis, Milwaukee School of Engineering in Milwaukee, North Carolina A&T State University in Greensboro, Purdue University in West Lafayette, IN and Vanderbilt University in Nashville, TN.

Direct link to the [CCEFP REU Program](#)

CCEFP: <http://www.ccefp.org>

FACULTY POSITION ANNOUNCEMENT— Rensselaer Polytechnic Institute

Friday, February 1, 2013

(RPI) has a prestigious Clare Boothe Luce Fellowship for a Computer Scientist (usually goes to engineering and hard sciences). This is an exciting, and prestigious, junior position with a very attractive 5-year guarantee of support. However it is restricted to female candidates who are US citizens or permanent residents. (We are particularly interested in the mobile and/or distributed computing areas, but are taking a broad view of what this means.)

The ad is posted at <https://cgi.cs.rpi.edu/application/cbl2012f.pdf> and candidates may apply directly at <https://cgi.cs.rpi.edu/faculty-apply/>. Applications will be accepted on an on-going basis, but candidates have the best chance if the materials are sent by **February 1, 2013**.

Prof James Hendler <http://www.cs.rpi.edu/~hendler>
Head, Department of Computer Science
Rensselaer Polytechnic Institute, Troy NY 12180

2013-14 EXECUTIVE LEADERSHIP IN ACADEMIC TECHNOLOGY AND ENGINEERING PROGRAM (ELATE AT DREXEL@)

Application Deadline: **Wednesday, February 6, 2013.**

Find more details: www.drexel.edu/engineering/ELATE

Now is the time to take this opportunity to enhance the professional skills of a woman leader in the STEM fields.

The ELATE at Drexel program is currently hosting its inaugural class of Fellows from some of the nation's leading universities in technology and engineering. Over the past year, the program has been recognized with awards from the National Science Foundation, the Sloan Foundation, and the Henry Luce Foundation. Our greatest honor has been to work with the accomplished Fellows and faculty in the program.

ELATE is a one of a kind leadership development program that advances knowledge and skills in strategic finance and management, personal and professional leadership effectiveness, and academic organizational dynamics. Upon graduation, each ELATE fellow becomes part of a community of leaders in higher education that provides continuing support for each member and her organization while serving as a role model for the next generation of women and men scientists and engineers.

Please distribute this information and encourage rising and newly appointed women leaders to apply. Find more details on the ELATE website, www.drexel.edu/engineering/ELATE, and contact us with any questions at ELATE@Drexel.edu or 215-991-8240.

FLUID POWER SCHOLARS PROGRAM: A PAID INTERNSHIP! Summer 2013

Application Deadline: **Friday, February 15, 2013**

For more information and to apply, visit:

<http://www.ccefp.org/get-involved/students/fluid-power-scholars-program>

The Fluid Power Scholars Program is a collaborative effort between the Center for Compact and Efficient Fluid Power (CCEFP) and companies in the fluid power industry who are corporate members of the CCEFP. This highly selective summer program identifies and connects the very best undergraduate engineering students across the United States to the fluid power industry with the purpose of training the next-generation of fluid power leaders.

This is a highly competitive program, open to undergraduates who have successfully completed at least two years in an accredited engineering program in the United States. The Scholars program begins with an intensive three and 1/2 day instruction program in fluid power, taught at the Fluid Power Institute at the Milwaukee School of Engineering (MSOE), and follows with internships in the fluid power industry. The 10-Week "Bootcamp" at MSOE will be held May 28-31, 2013. Students should expect to spend 10-11 weeks as an intern in their host company. Up to ten undergraduate students will be selected as Fluid Power Scholars by a committee of faculty and industry representatives. In addition to their paid internships, scholars will receive stipends for travel and living expenses associated with their work at MSOE.

CCEFP: <http://www.ccefp.org>

In the News

- [So Many Exoplanets... So Few Women Scientists](#), Huffington Post
- [The Common Core Must Include Computer Science](#), Huffington Post
- [Lady Ada Lovelace: 4 Women in Computer Science Who Deserve a Google Doodle](#), PolicyMic
- [Why Do So Many Women Leave Biology?](#), ScienceBlog

To contribute to the WiSE Newsletter, please contact:
WiSE Program Manger, Dr. Sarah Fried-Gintis
sfried@usc.edu

Women in Science and Engineering (WiSE) Program

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