

AWIS

ASSOCIATION FOR WOMEN IN SCIENCE

Washington Wire

Edited by Rachel Britt, PhD

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Dear Lauren,

For more than four decades AWIS has been at the front lines, working at the nexus of STEM and gender, fighting for equal access for women throughout their careers. Each year the STEM community leaks creative, energetic, highly educated women from the career pipeline - women who could have designed better vaccines, created novel materials, invented smarter technologies and made the world we share a better place.

Today, for [Giving Tuesday](#), AWIS is offering a new way to support women in STEM! Make a [donation](#) or purchase a [gift membership](#) for a friend, colleague, or loved one to show them your support, and give them the resources they need to succeed.

Help us keep women in the picture with a tax deductible [donation](#) to AWIS!

Sincerely,

Cindy Simpson
Chief Business Officer

Questions/Comments? Email us at awis@awis.org or call [703.894.4490](tel:703.894.4490). We love hearing from you.

Member Profile

Lauren Dembeck

Member Type:
Junior

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2/4/15 0:00

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Featured Jobs

[Directors of the Divisions of Behavioral and Cognitive Sciences and Social and Economic Sciences](#)

National Science Foundation
Arlington, VA

[Alfalfa Breeder's Toolbox Scientific Programmer](#)



Careers

Contributed by Lauren Dembeck

Happiness Rankings for Women at 25 Tech Firms

Are women in tech jobs as happy as men at the same company? Glassdoor, an online community with a database of 6 million company reviews, salary reports, and other career information, recently conducted a study to answer this question. Women were less happy than their male colleagues at 14 of the 25 companies analyzed. However, women ranked their happiness higher than men at four firms. Texas Instruments, Amazon, and many other big names are on the list.

[If you're happy and you know it](#)

The Parallels of Business and Science

Starting a research laboratory in an academic setting is all too similar to running a start-up company. A panel at the World Economic Forum (WEF) Summer Davos meeting in Tianjin, China recently discussed the parallels between the two and highlighted the need for business skills to successfully establish a scientific laboratory. This article features programs initiated by the NSF and European Union to help women become business savvy.

[From bench to business](#)



Education

Contributed by KengJin Lee

Disney Characters Attract Girls to Coding

Code.org is a non-profit group that offers free tutorials to encourage kids as young as kindergarteners to learn to code. This year, they teamed up with Disney for their second annual "Hour of Code" lesson to encourage more girls to join in. The characters from the movie Frozen, Elsa and Anna, will teach students how to create drawings such as snowflakes and snowmen. The tutorial begins on December 8, 2014.

[Let her code](#)

5 Questions to Consider if You Want to Go Back to School

Are you considering quitting your job and going back to school? Some of the reasons professionals are considering going back to school include looking for higher compensation and gaining more credibility. But this decision starts with re-evaluating your goals and asking yourself 5 important questions.

[Back to school?](#)



Science and Technology

Contributed by Shabnum Patel

Solar Roads in Our Future

Samuel Roberts Noble
Foundation
Ardmore, OK

[Assistant Professor](#)
University of New Mexico
Albuquerque, NM

[Click here to visit
our Career Center!](#)

AWIS Member Spotlight



Dr. Elizabeth "Libbie" Prescott works at the intersection of science and international relations at the Department of State and as adjunct faculty at Georgetown University. She currently serves as Counselor and Strategic Adviser to the Science and Technology Adviser to the Secretary of State. She has also served as the Practice Head for Biosecurity at Eurasia Group; a AAAS Science and Technology Congressional Fellow working with the U.S. Senate Committee on Health, Education, Labor and Pensions for Senator Edward M. Kennedy. Libbie has her doctorate in molecular biology from the University of Oxford, Balliol College and dual degrees with high honors in Economics and Molecular & Cell Biology from the University of California, Berkeley.

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Netherlands-based company SolaRoad has built a solar bike road in Amsterdam with the goal of generating and storing solar power. The bike road serves as a test for the technology and physical wear-and-tear on the ground, before roads can be constructed for vehicles. The solar bike road is constructed with glass-covered photovoltaic cells and is given a rough texture to minimize the potential for bikes skidding. If successful, this technology could serve as an alternative energy source, providing a sustainable option to many cities.

[Sunny side of the street](#)

"Highway" for Deep Space Exploration

This December, NASA will conduct a flight test of the Orion, the first spacecraft capable of taking humans to several deep space destinations. The unmanned Orion will be testing different systems necessary for future manned missions. NASA's goals with Orion were to revamp current launch platforms, employ the new and powerful "super rocket" Space Launch System, and build a long-duration spacecraft that can survive multiple journeys, providing a "highway" for deep space exploration in future decades.

[There and back again](#)



Work-Life Integration

Contributed by Mrinalini Muralidharan

Integrating Your Personal and Professional Life

Ever snuck off to the bathroom during a romantic dinner at a restaurant to check your work e-mail? There's a good chance your partner was doing the same thing back at the table. This article describes an exercise that can help you to identify which domains of your life (work, home, community, and self) matter the most and to blend personal and professional priorities, discarding the idea that work and life always have to be at odds.

[Integration vs. balance](#)

Reducing Work Stress and Increasing Happiness

For many people, work equals stress. Meditating, listening to music, leaving yourself positive post-it notes, and practicing at-desk exercises are some techniques which can help you find "Zen Moments" throughout the workday, making you a less distracted and more productive employee.

[Relax and refocus at work](#)



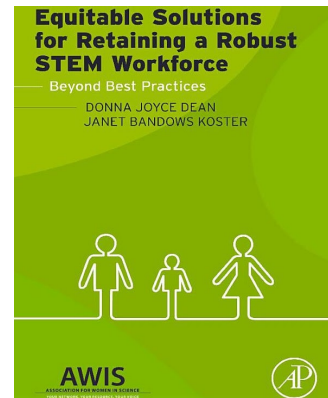
Health

Contributed by Jaime Smith

PCOS: A Little Understood Infertility Issue

Polycystic Ovarian Syndrome (PCOS) affects as many as 10 percent of women of childbearing age, often impacting their fertility. Although first described in 1935, it remains an affliction that is poorly characterized and not well understood. Some experts believe it is a severe hormonal dysregulation that does not always manifest in the form of ovarian cysts. There is no cure for PCOS, but treatments include diet, exercise, and medication.

[Ovary acting](#)



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Join the Conversation!



A Bad Marriage Can Break Your Heart, if You're a Woman

According to a new study, people in unhappy marriages are at a much higher risk for heart disease than their happy counterparts. The negative impact on cardiovascular health was even more striking for women, as found in the NIH-funded study published in the Journal of Health and Social Behavior last week. The results come from five years of data collected from 1,200 adults.

[Happy wife, happy life](#)

Events

[AWIS Webinar: Stress Management for Leaders](#)

Tuesday, December 9, 2014

[What Works for Women at Work](#)

Tuesday, January 20, 2015

For more information on upcoming events for 2014, or to register for an event, visit the [AWIS Events Calendar](#) online!

Opportunities

[BBRG Affiliated Scholars Program](#)

The BBRG Affiliated Visiting Scholars Program is designed to accommodate scholars who would like to spend a relatively short period of time in residence, ranging from one month to six months. The BBRG Affiliated Visiting Scholars Program is open to senior and junior faculty (tenured and untenured), visiting scholars, postdoctoral scholars and independent scholars, from the U.S. and abroad, whose work is centrally on women and gender. Applicants must have the Ph.D. (or its equivalent) in hand one year prior to the beginning of the appointment. (Applications accepted throughout the academic year)

[Travel Award Program for Early Career Investigators](#)

Keystone Symposia on Molecular and Cellular Biology will offer a limited number of travel awards to early career investigators at the Assistant Professor or equivalent industry scientist level.

[Small Business Postdoctoral Research Diversity Fellowship](#)

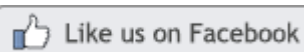
The Small Business Postdoctoral Research Diversity Fellowship program aims to encourage creative and highly-trained recipients of doctoral degrees in NSF-supported science, technology, engineering and mathematical disciplines to engage in hands-on research projects in their areas of expertise at the kind of small innovative businesses that historically have fueled the nation's economic regime. Each research fellow will receive a stipend of at least \$75,000 plus health insurance benefits.

[NSF's Career-Life Balance \(CLB\) Initiative](#)

Scientists now have the opportunity to submit supplemental funding requests to support additional personnel (e.g., research technicians or equivalent). This will help sustain research when the Principal Investigator is on family leave.

[White House OSTP Internship Program](#)

The Office of Science and Technology Policy advises the President on the effects of science and technology on domestic and international affairs. The office serves as a source of scientific and technological analysis and judgment for the President with respect to major policies, plans and programs of the Federal Government. Interns are accepted for one of three annual terms (Spring, Summer, or Fall), which each last no more than 90 days. While these positions are without compensation, the assignments provide educational enrichment, practical work experience, and network opportunities with other individuals in the science and technology policy arena. For questions, please contact Rebecca Grimm rg Grimm@ostp.eop.gov.





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