

AWIS

ASSOCIATION FOR WOMEN IN SCIENCE

Washington Wire

Edited by Rachel Britt

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Dear Lauren,

Together, we turned [AWIS Magazine](#) into an award-winning publication in 2014. As the only publications that is for women in STEM by women in STEM, your time and experiences have turned our magazine into the success it is today. Association TRENDS named AWIS Magazine the "[Most Improved Magazine or Journal of 2014](#)."

Make sure you check out the [most recent edition](#) of AWIS Magazine and take a look at the [archives](#) to see how far we've come!

With your continued support, and that of thousands like you, we know we can continue to deliver top rated programs and services to our members - Smart Women Doing Cool Stuff.

Thank you,

Allison Kimble
Communications Manager

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

Member Expiration:
2/4/2015

Join the Conversation!



Featured Jobs

[Director of Marine and Environmental Stewardship](#)
American Chemistry Council
Washington DC

[Natural Resource Management](#)
Michigan Technical College
Houghton, MI

Careers

Contributed by Jaime Smith

Marissa Mayer's Plan for Yahoo Takes Hold

Marissa Mayer took over as chief executive officer at Yahoo in 2012 with a vision of returning the company to its glory days of a Silicon Valley powerhouse. With declining revenue for the past five years and competing companies like Google and Facebook forging ahead, this seemed an impossible task. While a new book by journalist, Nicholas Carlson, draws attention to Mayer's missteps, she has made sharp acquisitions and business decisions to help spur growth.

[Business savvy](#)

Becky Hammon's Career Path to the NBA

Becky Hammon made history this summer when the San Antonio Spurs signed her as the first woman to hold a full-time, paid coaching position in any professional sports league. The former point guard and top player in the WNBA is now a court-side phenom in a men's game. She sat for an interview for the Post's On Leadership series to discuss her transition from a star on the court to a star on the sidelines.

[Baller](#)

Education

Contributed by Lauren Dembeck

The late Saudi King Abdullah and Women's Education

During his reign, King Abdullah bin Abdelaziz slowly enacted rules improving human rights, particularly for women, in Saudi Arabia. In 2009, he established the King Abdullah University of Science and Technology (KAUST), which allows men and women to study together. His successor, King Salman, has promised to continue the same approach; if he does, Saudi women's rights hopefully will continue to be unveiled in the coming years.

[Redefining rights](#)

Will "Big History" Revolutionize Teaching?

Backed by Bill Gates, Australian professor David Christian is promoting his big idea, Big History. He seeks to embed all other subjects into the history of the universe. The goal is to help students orient themselves and make lessons more meaningful.

[The history of everything](#)

Science and Technology

Contributed by Mrinalini Muralidharan

Preventing GMOs from Going Rogue

Scientists from Harvard and Yale have radically engineered the bacterium *E. coli*, which is used to produce pharmaceuticals and chemicals, to make it dependent on synthetic amino acids. The absence of these synthetic nutrients in nature acts as a kill switch and provides effective bio-containment of this genetically modified organism, making it safer for field use.

[GMO kill switch](#)

Temporary Tattoo Sensor to Monitor Glucose

Lecturer Department of Animal Science

University of California
Davis, CA

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

AWIS Member Spotlight



Deborah Cook, PhD

Founder and Chief
Consultant of the Grant
Science Lab

AWIS Member since 2013

Deborah Cook is the Founder and Chief Consultant of the Grant Science Lab. She is an experienced principal investigator of federal life science research grants (NSF, USDA, NIH). Now Cook uses that experience for the benefit of the academic and non-profit communities. Prior to the Grant Science Lab, she was a professor of biology and has over 20 years of life science education experience. Cook earned her bachelor's degree in plant science from the University of California - Riverside and her PhD in Biology from North Dakota University.

Millions of diabetics prick their fingers multiple times a day to test their glucose levels. Researchers at the University of California-San Diego have designed a stick-on tattoo-like sensor that can painlessly detect glucose levels with similar sensitivity to the currently available products on the market.

[Sweet deal for diabetics](#)

Work-Life Integration

Contributed by Keng Jin Lee

The Role of the Employer in Work-Life Balance

Plenty of employers are aware of the importance of work/life balance and will encourage employees to actively seek it out. However, in the online world we live in, switching off from work can be difficult. Employers have come to increasingly recognize the importance of integrating work and life which can lead to higher productivity and employee retention.

[Work and play all day](#)

Work Life Balance: A Case Study

A well-known company - the Boston Consulting Group - has a program called PTO (Predictability, Teaming and Open Communication). While the program might seem simple, BCG has found it to be extremely effective at improving work quality and impact. PTO revolves around two components: 1) setting no-guilt off-the-grid hours and 2) structured, regular discussions among team members working on a case to define success and the development of team members.

[Sustainable company culture](#)

Health

Contributed by Shabnum Patel

Stemming the Spread of Ebola

Scientists at GlaxoSmithKline, in conjunction with the NIH, have developed a possible Ebola vaccine. The first shipments of the vaccine arrived in Liberia, where a large-scale trial will be conducted in the coming weeks. In Monrovia, about 30,000 people will participate in the clinical trial, in hopes of stemming the spread of the disease, with healthcare workers being treated first. Ebola has killed 8,668 people and infected 21,759 in this West African outbreak.

[Ebola vaccine](#)

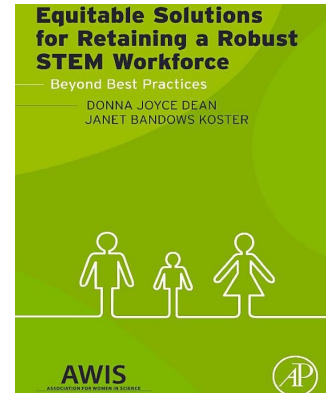
The Benefits of Walking Routinely

A new study, from the Scandinavian Journal of Medicine and Sciences in Sports, recruited sedentary office workers to take regular walks during their lunch hour. Participants walked and responded to questions on their phones about their mood, workload, stress, and motivation, among other factors. After 10 weeks, it was found that those workers who walked routinely at work felt enthusiastic, less tense, and gained aerobic fitness, compared to their counterparts who did not walk.

[Take a walk](#)



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Join the Conversation!



[AWIS Webinar: The Advocacy and Public Engagement Agenda](#)

Wednesday, February 4, 2015

[Congressional Briefing: State of the Universe](#)

Thursday, February 5, 2015

[Society for Laboratory Automation and Screening 4th Annual Conference and Exhibition](#)

Monday, February 9, 2015

[APRA-E Energy Innovation Summit](#)

Wednesday, February 11, 2015

[United Nations World Women's Health and Development Forum](#)

Thursday, February 12, 2015

[AWIS Webinar: Mentors are Good, Sponsors are Better](#)

Monday, February 19, 2015

[AWIS Webinar: Flops and Failures: Using Mistakes to Learn and Maximize Success](#)

Wednesday, March 11, 2015

[National Postdoctoral Association 2015 Annual Meeting](#)

Friday, March 13 - Sunday, March 15, 2015

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



Opportunities

[NASA Academies Intern Program](#)

The Academy is the premier internship offered by NASA and has a main goal of training future leaders of the space industry. The summer research program attracts undergraduate and graduate students of various backgrounds, mostly in STEM fields. Applications just opened on [NASA OSSI](#) and can be found by going to the Search Opportunities window and searching for the keyword Academy. **The application deadline is February 15th, 2015.**

[BBRG Scholars-in-Residence Program](#)

The BBRG Scholars-in-Residence Program is open to senior and junior faculty (tenured and untenured), visiting scholars, postdoctoral scholars and independent scholars, from any country, whose work is centrally on gender and women. Applicants must have received their Ph.D. (or its equivalent) at least one year prior to the projected beginning of their residency at BBRG. Applicants must have received their Ph.D. (or its equivalent) at least one year prior to the projected beginning of their residency at BBRG.

Applications due by March 15, 2015.

[2015 AAMC Learning Health System Research Learner award](#)

This award allows individuals to connect with leaders in the field as a means to advance their own professional development and rise as a leader at their own institution. LHS Learners are interested in focused learning opportunities and in bridging connections between research, clinical care, and education at their institution. Awarded LHS Learners will be invited to the LHS Research Award kick-off meeting on Thursday, February 12, 2015 at the AAMC headquarters in Washington, DC. Travel and lodging fees will be waived for the LHS Learner awardees. To apply, please email your current CV and contact information to rocc@aamc.org.

[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](#)

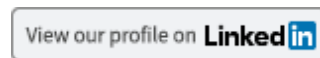
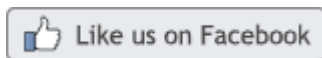
The Small Business Postdoctoral Research Diversity Fellowship program aims to encourage creative and highly-trained recipients of doctoral degrees in NSF-supported science, technology, engineering and mathematical disciplines to engage in hands-on research projects in their areas of expertise at the 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 rgrimm@ostp.eop.gov.



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