

# AWIS

ASSOCIATION FOR WOMEN IN SCIENCE

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## Washington Wire

Edited by Rachel Britt

Issue II March 2016



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*Dear (Contact First Name),*

AWIS webinars are back by popular demand. Join the CEO of S\*Marts Consulting, Dr. Sherry Marts, on Thursday, April 14 for the newest **AWIS webinar, "No Means No: Respond to Harassment in the Moment"**

Sherry is a long-time executive and career coach, expert on harassment issues, and women's self-defense instructor. She's also been a member of the AWIS community since her days as a post-doc.

The skills and knowledge she'll share may help you to:

- Let harassers know you are not a target
- Boost confidence
- Reduce stress

[Click here to get registered for this AWIS webinar.](#)

**This AWIS webinar will take place Thursday, April 14, at:**

## Member Profile

**Lauren Dembeck**

**Member Type:**

**2/4/2016 0:00**

**Member Expiration:**

**Junior**

## Featured Jobs

**Application**

**Physicist II**

Fermi National  
Accelerator Laboratory  
Batavia, IL

**Clinical Director,**  
**National Institute on**  
**Alcohol Abuse and**  
**Alcoholism**

National Institutes of  
Health  
Bethesda, MD

- 12:00 noon Eastern
- 11:00 a.m. Central
- 10:00 a.m. Mountain
- 9:00 a.m. Pacific

Thanks to your support and participation, the AWIS National Summit on March 31st was a success. Our special appreciation goes out to the local AWIS volunteers and to our sponsors. To view these posts search either Twitter or Facebook using #AWISummit2016.

Sincerely,

Amy Neale  
 Director of Communications  
 Association for Women in Science

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## Careers

Contributed by Lauren Dembeck

### **Avoid These 5 Assumptions during Your Next Job Interview**

You've sent in your application and resume; now, you have been invited for an in-person interview. One assumption you might have is that the interviewer knows how to conduct an effective interview. This is not always true. Be prepared to keep your interview on track by asking questions and offering valuable information about yourself when appropriate. The article provides four other quick reads about bad assumptions.

[Check your assumptions](#)

### **Science Careers: Solving Murder Mysteries as a Medical Examiner**

Roger A. Mitchell Jr. is the chief medical examiner for the District of Columbia. His job: to solve the mysteries behind unexpected or violent deaths. Mitchell recounts how being drawn to science as a child, a surgery internship, the O.J. Simpson trial and other life experiences led him to his unusual career. The article is the first of Science magazine's "Clandestine Careers" series, highlighting scientists with unusual careers.

[Science & medicine](#)

Contributed by Mrinalini Muralidharan

### **Equal Pay for Equal Work, but What about Equal Opportunity?**

Amazon recently declared there were virtually no gender or ethnic wage gaps among its employees. Women make 99.9 cents to the dollar that men

### **Assistant Professor, Pediatric Hematology**

University of  
 Pennsylvania/Children's  
 Hospital of Philadelphia  
 Philadelphia, PA

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### **AWIS Member Spotlight**

#### **Jennifer Robertson-Honecker**

An AWIS member since 2014, Jennifer is president of the AWIS West Virginia Chapter. She is currently an adjunct professor in chemistry at West Virginia University where she is a STEM specialist for its 4-H youth development program and won the 2013 WVU Foundation Award for Outstanding Teacher.

**Learn more about  
 Jennifer here.**

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make for the same job, and minority employees make 100.1 cents to the dollar that white employees make. But when the most senior and highest-paid employees at Amazon are almost exclusively male, is it accurate to say the company pays men and women about the same amount?

[Pay up](#)

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## Education

Contributed by Keng Jin Lee

### Education Doesn't Mean Equality

A new study by the National Bureau of Economic Research has found that educated women in nations with conservative views on women's roles are less likely to get married and, consequently, are less likely to raise children who can change their country's attitudes. While educated women are more likely to be married than their uneducated peers in the U.S., Canada and some European countries, the reverse is true in Asia. Breaking the cycle of sexist attitudes appears somewhat depressing: the biases of men against marrying educated, working women will decrease as the women's income and contributions to household wealth increase.

[Vicious cycle](#)

### Michelle Obama Wants to Let Girls Learn

Amidst the dancing and singing of the South by Southwest Music Festival in Austin, Texas, Michelle Obama reminded the audience during a speech that new educational efforts are needed for 62 million women around the world who do not attend school. The first lady was promoting educational projects by Let Girls Learn, a government initiative that aims to help girls get a quality education globally.

[Breaking barriers](#)

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## Science and Technology

Contributed by Michelle Gomes

### An App for the Baby Blues

Scientists at the University of North Carolina are leading worldwide efforts to understand the genetic factors underlying postpartum depression. The team has created an app to find women with

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New Scientist  
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symptoms of postpartum depression and then identify genetic differences between them and women who have not experienced postpartum depression. The free app, PPD ACT, is available for use on iOS devices.

### [Postpartum](#)

## **3-D Nerve Cell Transplantation with Human Stem Cells**



Scientists at Rutgers and Stanford Universities have developed a novel way to transplant healthy human nerve cells into an active brain. The technology involves coaxing stem cells to become neurons on 3-D scaffolds of tiny polymer fibers. So far, testing has been done with human neurons transplanted into mouse brains. However, this technique represents a promising platform for the transplantation of therapeutic human neurons with broad relevance for brain-related diseases like Parkinson's.

### [Tiny neuron islands](#)

## **Rapid Elimination of Human Immunodeficiency Virus (HIV) in Newborn Monkeys**

Researchers at the Oregon National Primate Research Center showed that infant monkeys were cleared of a chimeric strain of simian/human immunodeficiency virus within one day after treatment with antibodies isolated from HIV-positive human patients. If successful in humans, a similar treatment could be used to prevent women who are HIV-positive from passing the virus to their children.

### [HIV killer antibodies](#)



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**Join the Conversation!**



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## **Work-Life Integration**

Contributed by Mrinalini Muralidharan

### **How the Right Job Supports Both Health & Happiness**

According to the Mayo Clinic, a job that doesn't offer a good work-life balance can lead to fatigue, stress, exacerbated illness and even substance abuse. Finding a job that accommodates your lifestyle and promotes well-being is also more likely to advance your career, as you are more likely to invest time and effort in a company that meets your needs.

### [Wellness & work](#)

## **A Case for Leaning Out**

"Lean in" has become an important mantra for some women as they pursue successful careers. Yet the burden to fight for gender equality cannot come at the expense of what is right for each woman. This article delves into reasons when it is understandable, and even desirable, for women to "lean out."

[Lean out](#)

### **Why Are So Many Women in Their 30s Leaving Your Company?**

The perception of organizational leaders is that women leave a company primarily because of a lack of flexibility and family considerations. The data disagrees. Discover the real reasons women in their thirties switch jobs.

[Better pay](#)

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## **Health**

Contributed by Sophia Jeon  
**Are You the Healthy 2.7%?**

According to a new study published in Mayo Clinic Proceedings, only 2.7% of Americans have basic healthy habits, which were defined as eating well, exercising, not smoking and keeping body fat in check. This is consistent with a previous finding from other researchers who also reported disappointingly low numbers of U.S. adults with healthy habits.

[4 healthy habits](#)

### **No Strong Evidence for Standing Desks Being Better for Your Health**

Standing desks are a hot trend nowadays. However, don't be so sure you're benefiting from using one, at least not yet. Researchers say the question of whether standing to work is better for your health than sitting has not been tested in a scientifically rigorous way. What is the minimum amount of time you need to stand for before you can reap health benefits? Can standing for a long time be more harmful? These are some questions that need to be answered before you can brag about your new standing desk.

[Wait before you brag](#)

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## **Opportunities**

## **The Franklin Institute's 2017 Bower Award and Prize for Achievement in Science**

Nominations are now open for The Franklin Institute's 2017 Bower Award and Prize for Achievement in Science.

This coming year's theme for the award is Perturbations of Natural Systems in the Anthropocene. The Franklin Institute seeks nominations of individuals who have made significant contributions to understanding and quantifying perturbations of natural systems within the biosphere, atmosphere, or hydrosphere in the age of the Anthropocene.

For instructions on nominating a candidate for the 2017 Bower Award and Prize for Achievement in Science, [please click here](#).

**The deadline for completed nominations is May 31, but an email of intent to nominate by April 30 is appreciated.**

## **National Institute of Justice Funding Opportunity**

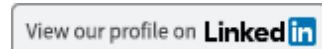
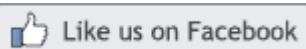
Two of the National Institute of Justice's (NIJ) program offices, the Office of Science and Technology and the Office of Research and Evaluation, jointly support a new solicitation for community corrections - the Technology Research, Development, and Evaluation to Improve Supervision and Outcomes.

The goal of this solicitation is to improve supervision and outcomes by advancing the state-of-the-art of the technologies used for electronic monitoring. To accomplish this goal, NIJ will be seeking proposals for funding in two topic areas:

1. Development and evaluation of smart technologies that include Artificial Intelligence solutions for community supervision.
2. Development of improved means to monitor the location of individuals under supervision in the community, including the use of mobile devices.

**The deadline for applications under this funding opportunity is May 19.**

[For more information, click here.](#)



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