

AWIS



ASSOCIATION FOR WOMEN IN SCIENCE

Chicago

Newsletter

The Association for Women in Science (AWIS) is a non-profit organization dedicated to achieving equity and full participation of women in all areas of science, technology, and engineering.

The Chicago Area Chapter of the Association for Women in Science was founded in 1978 as a local chapter of the national organization.

For membership information, please visit us at: www.awis-chicago.org

or contact us at:
info@awis-chicago.org

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mission

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Women in Science: The How and the Why



A panel discussion inspired by Sarah Treem's *The How and the Why* at TimeLine Theatre took place on Northwestern University's Chicago Campus on Tuesday, March 25, 2014. At a time when women hold fewer than 18% of science faculty positions in higher education, *The How and the Why* inspires a closer examination of the role of women within academia. Brief scenes from the play were performed by actors Janet Ulrich Brooks and Elizabeth Ledo to embark on a scholarly discussion exploring how to increase and enhance the role of female scientists.

The panel featured (pictured above, from left): **Keira Fromm**, the director of TimeLine's production of *The How and the Why*; **Melina Kibbe, MD**, professor in Surgery-Vascular & Vice Chair of Research, Department of Surgery, Feinberg School of Medicine, Northwestern University; **Monica Laronda, PhD**, a Post Doctoral Fellow, Obstetrics and Gynecology, Feinberg School of Medicine, Northwestern University; **Teresa Woodruff, MD**, director of the Women's Health Research Institute, Chief & Professor of Obstetrics and Gynecology, Feinberg School of Medicine, Northwestern University; **Phyllis Zee, MD/PhD**, the Associate Director of the Center for Sleep & Circadian Biology, Professor in Neurology, Feinberg School of Medicine & Weinberg College of Arts and Sciences, Northwestern University.

GIRLS WHO CODE LAUNCHES 19 SUMMER IMMERSION PROGRAMS

Girls Who Code, a national non-profit organization that aims to inspire, educate and equip young women for futures in the computing-related fields, kicked off its 2014 Summer Immersion Program. The Summer Immersion Program will reach 380 high school girls across 19 classes in New York, Boston, Miami, Seattle and the Bay Area.

The **Girls Who Code** Summer Immersion Program is an intensive 7-week opportunity that pairs project-based computer science education with real-world tech industry exposure. Teenage girls learn everything from mobile app development to programming robots in Python to front-end web design. They also work with female mentors and take field trips to start-ups where they meet employees and observe how computer science is utilized in different workplaces. Programs supported and hosted by Adobe, Amazon, AppNexus, AT&T, eBay, Facebook, GE, Goldman Sachs, Google, Knight Foundation, IAC, Intel, Intuit, Microsoft, Square, Twitter, and Verizon.

For more information: girlswhocode.com

Cocktails for a Cause to benefit Girls 4 Science

On Thursday, August 21, 2014, The Advisory Board of **Girls 4 Science** hosted an event at the Mid America Club. The mission of **Girls 4 Science** is to increase literacy among girls 10-18 through a collaboration of external partnerships. The program is offered on Saturdays every quarter for 6 weeks for free at Olive Harvey, Malcolm X Community College and University of St. Francis in Chicago. For more information: www.girls4science.org



“Makers: Women in Space” Screening Chicago Cultural Center, Claudia Cassidy Theatre

On Saturday, September 20, 2014, WTTW and ITVS presented Community Cinema in partnership with the Chicago Department of Cultural Affairs and Special Events for a screening and discussion about **MAKERS: Women in Space** which traces the history of women pioneers in the U.S. space program. Some, like aviators Wally Funk and Jerrie Cobb, passed the same grueling tests as male astronauts, only to be dismissed by NASA, the military, and even Lyndon Johnson, as a distraction. It wasn't until 1995 that **Eileen Collins** became the first woman to pilot a spacecraft. The program includes interviews with Collins, as well as **Sally Ride's** classmates **Shannon Lucid, Rhea Seddon and Kathryn Sullivan**, and features **Mae Jemison**, the first woman of color astronaut, and **Peggy Whitson**, the first female commander of the International Space Station. **MAKERS: Women in Space** presents the challenges and opportunities facing women in STEM fields. The discussion was moderated by *Chicago Tonight* correspondent Brandis Friedman. Among the panelists were scientists **Laura Whyte** from the Adler Planetarium, **Laura Trouille** from Northwestern University, **Lucianne Walkowicz** from Princeton University. Presenting partners also include Women & Girls Lead, Chicago Foundation for Women, Adler Planetarium, and the Chicago Council on Science and Technology.

100 Women in S.T.E.M. Summit

In conclusion of the 100 Women in S.T.E.M. "Leading the Way" Student Expo, the Aparecio Foundation hosted the S.T.E.M. Summit & Fundraiser on the evening of Thursday, November 20, 2014 at Blackfinn Ameripub in River North. The evening included several digital panels from women in S.T.E.M. on various topics, such as, innovation and creating a female S.T.E.M. pipeline. Guests enjoyed a keynote address and took part in a S.T.E.M. activity. Influential and innovative women in science, technology, engineering and math, were honored and the **100 Women in S.T.E.M. Photo Exhibit** was launched. Speakers included **Michelle Kolar**, Executive Director of Professional Field Services, Illinois Mathematics and Science Academy; **Sandee Kastrul**, President & Co-Founder, i.c.stars; **Jennifer Wesley**, VP of Industry, Google; and **Mana Ionescu**, President, Lightspan Digital

AWIS Chicago Fall Kickoff Network-A-Thon

AWIS Chicago hosted a speed networking event on Thursday, November 20, 2014 for its annual Fall Kickoff Event.. President Karen Chien introduced the new AWIS Chicago Board. Women were seated at roundtables for 15 minute rotations. Participants discussed topics such as science writing, academia, industry and outreach

Following the speed networking was informal socializing. The event was held at D4 Irish Pub and Café.



fall 2014



Scientists of the month

April 2014: Dr. Rabiah Mayas



Rabiah Mayas is currently the Director of Science and Integrated Strategies at the Museum of Science and Industry (MSI) in Chicago. Her team evaluates the learning and experience outcomes of the museum's programs. They develop programs that connect audiences to practicing science professionals in the Chicago area. The museum is a lead partner on an NSF grant exploring whether arts-based practices help spark creativity in innovation and science education; Dr. Mayas also manages the project for the museum.

May 2014: Dr. Quinetta Shelby

Quinetta Shelby is an Associate Professor of Chemistry and Director of the Chemistry Graduate Program at DePaul University. At DePaul, Quinetta teaches undergraduate and graduate level courses in organic, inorganic, and general chemistry, as well as spectroscopy, to prepare students for careers in science. As another aspect of that preparation, she mentors undergraduates in her research lab, focused on the synthesis of catalytic palladium diphosphine complexes, to give them an "opportunity to experience the research discovery process."



June 2014: Dr. Andrea Dunaif



Andrea Dunaif is the Charles F. Kettering Professor of Endocrinology and Metabolism and Vice Chair for Research in the Department of Medicine at Feinberg at Northwestern, where she was previously the Chief of the Division of Endocrinology, Metabolism, and Molecular Medicine. In addition to her medical and research roles, Andrea also oversees two NIH-supported training programs, has authored over 100 original scientific publications, edited four books, and is the Director of the National Institutes of Health-supported Northwestern University Specialized Center of Research on Sex Differences, among other involvements.

November 2014: Dr. Janet Elizabeth Richmond

Janet Elizabeth Richmond is Professor and current Head of the Department of Biological Sciences at the University of Illinois at Chicago. She completed her Bachelor of Science degree in Neurobiology from the University of Sussex in England, at a time when the Neurobiology field was just starting to get popular. Even before graduating, Dr. Richmond started getting calls from researchers looking for PhD students to join their labs. She decided to pursue her PhD in Neurophysiology at the University of Calgary in Canada. She then conducted post-doctoral work at the University of Hawaii and Iowa State University before taking on Assistant Research Professor roles at Utah State University and University of Utah. Since 2002, Dr. Richmond has been at the University of Illinois at Chicago in the Assistant Professor, Professor, and now, Head of the Department roles.



Women in STEM: Connect

The Chicago Council on Science and Technology's Women in STEM event will serve as a conduit to bring different Women in STEM groups together, and do what C2ST does so well, serve as a liaison and resource for the scientific community, and make connections between various constituent groups within this community. The evening will feature a lively Q&A, followed by networking. We welcome everyone, from women just contemplating a future in a science-related field to career veterans, and all those in between. Men are also welcome to attend!

Wednesday, December 3, 2014, 5:00-8:30pm
The Ballroom of the School of the Art Institute of Chicago
112 S. Michigan Ave., Chicago, Illinois 60603
www.c2st.org

AWIS National Webinar: Stress Management for Leaders

Current research suggests leaders are actually less stressed than their subordinates. Join AWIS and Wellness & Lifestyle Coach Stephanie Cook to explore the reasons why and identify the specific skills you need to prime yourself for a leadership role. As a leader, it's important to create an environment that other people want to be a part of, so we'll review the actions you can take to support your employees and create a culture of wellness. Lastly, we'll discuss how stress can quickly turn into burnout and what you can do to keep yourself and your employees feeling refreshed, valued, and empowered to stop burnout before it starts.

Tuesday, December 9, 2014
12:00-1:00 pm EST
Contact: Rib Weibl, learn@awis.org

Society of Women Engineers 2015 Region H Conference

More than 7,000 women from around the world came together in Los Angeles on October 23-25, 2014 for the 16th Annual international Conference for Women Engineers and Scientists. The conference brought together the leading businesses, organizations, universities and innovators in engineering. For more than six decades, SWE has given women engineers a unique place and voice within the engineering industry. This year's SWE Region H Conference will be held at the University of Notre Dame on **March 6-7, 2015.**



membership

Yearly National Dues

Junior level	\$65
Professional	\$150
Sustaining:	\$250
Patron:	\$500
Benefactor:	\$1000

Chicago Chapter Yearly Dues

All members:	\$5
Students:	\$25 (includes National Dues with limited privileges)

sponsorship

GOLD Sponsor \$5000 or Greater

- 10 sponsored AWIS memberships
- Logo on the front page of our website (with link to company website) for one calendar year
- Logo on all advertisements for events for one calendar year
- ½ page advertisement in both installments of our newsletter
- Presence at our annual AWIS dinner
- Listing on the sponsorship page of our website
- AWIS involvement in company science outreach initiatives

SILVER Sponsor \$3000

- 6 sponsored AWIS memberships
- Logo on advertisements for 3 events in one calendar year
- ¼ page advertisement in both installments of our newsletter
- Listing on the sponsorship page of our website
- AWIS involvement in company science outreach initiatives

BRONZE Sponsor \$1000

- 2 sponsored AWIS memberships
- Logo on advertisements for 1 event in one calendar year
- 1/8 page advertisement in both installments of our newsletter
- Listing on the sponsorship page of our website
- AWIS involvement in company science outreach initiatives

Friend of AWIS < \$1000

Listing on website and newsletter

contact info for members & sponsors

President

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