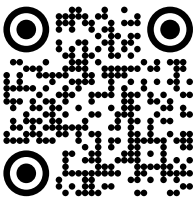


Girl's STEM Day Conference Registration

Registration Options:

Online:
<https://aauw-106470.square.site/>



Mail:
Send the completed registration form and check to:

Laura Lienau
1127 Swift Avenue
Sheboygan WI 53081

Payment Information:

\$10 per student
☐ Check Enclosed:
Payable to AAUW Wisconsin Foundation

Check number \$
Check amount

Student and Contact Information:

Student Name(s)
School Name(s)
Parent Name(s)
Address
City State Zip
Phone
E-mail

COMPLETE BOTH SIDES OF FORM

This is not a school-sponsored activity and the Sheboygan Area School District does not approve, support, or endorse this program/activity.

About the Keynote Speaker



Zain Abhari
Research Assistant, PhD Candidate,
Bergmann Lab, Physics Department,
University of Wisconsin, Madison

Zain Abhari studies ultrafast X-ray spectroscopy and nonlinear optics. Her work focuses on developing new ways to probe femtosecond and attosecond dynamics using both tabletop setups and large-scale facilities. She has carried out experiments in a variety of international facilities across the globe. She is especially excited about creating accessible tools for exploring fast processes in complex materials. Ms. Abhari speaks about X-rays, lasers, and optics.



A BIG thank you to our sponsors!

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SPECIAL THANKS TO ZIMMERMANN CO. FOR
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Hosted by

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American Association of University Women



QUESTIONS?

We are happy to help.
Call 920-458-9224



8th Annual
Girls' STEM Day
Conference

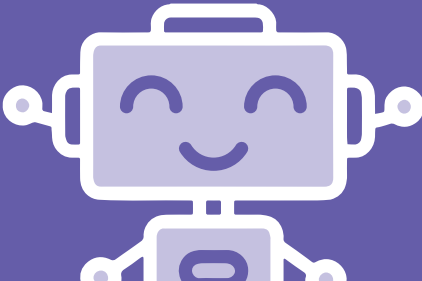
For 6th to 9th grade girls

Encouraging young girls to
discover, explore, and learn
from STEM field experts

Saturday, November 8, 2025

7:45 a.m.-12 p.m.

Sheboygan South High School
1240 Washington Avenue, Sheboygan, WI 53081
South 12th Street/Washington Avenue

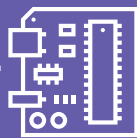


+ Schedule of Events

Student Sessions

7:45-8:15 a.m.	Check-in at South High School, 1240 Washington Ave., Sheboygan, WI
8:15-9:00 a.m.	Welcome Presentation and Keynote Speaker, Zain Abhari
9:15-10:00 a.m.	Session I
10:15-11:00 a.m.	Session II
11:15 a.m.-12:00 p.m.	Session III

Select from 9 sessions!



9 STEM-Inspiring Sessions

ROBOTIC SURGERY

The invention of the surgical robot has changed the way surgeons treat patients. When people think about robots, they often think humans are not needed to operate them. That's not the case with surgical robots. A specially-trained surgeon is in the operating room making all the moves. You will see how the surgical robot works, will have a chance to try it, and see why it's the future of surgery. *Presented by Dr Jessica Leszczynski, Prevea Health*

CHEMISTRY ESCAPE

Welcome, brave scientists in-training, to the thrilling Chemistry Escape Room Challenge! Step inside the lab and ignite your curiosity. Harness the flame and discover the chemistry within to find the clue, decode the hidden message with your wizard-like chemistry powers, a myriad of puzzles awaits you. Find and release the key to stop the clock and your prize awaits. Prepare for an immersive adventure through the wonders of chemistry! *Presented by Bree Lybbert, UW-Green Bay*

CRIME SCENE INVESTIGATION

A Sheboygan Sheriff's Detective will explain the importance of crime scene management and preservation. Participants will get to take part in activities learning how evidence is gathered and evaluated. *Presented by Detective Tyler Wuestenhagen*

THE SCIENCE OF COLOR: "HUEDUNIT?"

A mysterious crime has splashed across the Color Lab – and all the clues are hidden in the hues! In "huedunit?" you and your team are the top of the Chromatic Investigators called in to solve a mystery using only your wit and your color sense. Negotiate a series of vibrant puzzles where nothing is black and white. Decode secret messages hidden in rainbows, solve light-bending logic challenges, and mix your way through pigment-based puzzles. Each puzzle reveals a new piece of the mystery and a new lesson in how color really works. *Presented by Megan Sprenger, Megan Doege, Samantha Kraft, Shari McWilliam*

ARCHITECTURE – DESIGNED AWARENESS

You will learn through a process of discovery, development, and delivery of architectural services using Yerkes Observatory in Williams Bay, WI as a model. Using the "Design Charrette," you will help each other come up with a modern addition to a historic landmark. At the end, you'll present your designs to the group and be critiqued on your design. *Presented by Abacus Architects: Anne Blanke, Samantha Lee, Sydney Goetsch, Taylor Kadletz and Macey Mentink*

A LOOK INSIDE THE BOVINE HIDE

Ever wonder what a cow's heart feels like? How about lungs? Slip on a pair of exam gloves and palpate your way through these plus more fresh cow organs. Learn why cows give milk with hands-on reproductive examination and dissection. View jars containing interesting livestock parasites and anomalies. If you are interested in veterinary science, this workshop is for you! *Presented by Dr Ellen Hooker, Veterinarian, WI Department of Agriculture*

MEDICAL DEVICES MADE FROM PIG

Did you know there are many medical devices and pharmaceuticals produced from pigs and used in human medicine? You will have the opportunity to produce materials from pigs that can be transformed into surgical products. See what wound healing devices can be made for humans. *Presented by Aubrey Doherty, Sustainable Swine Resources, Johnsonville*

BLOOD AND BODY WORKS

Students will use the integration of technology found in high-fidelity simulation mannequins to gain insight into prehospital and nursing healthcare fields. EMTs and nurses use this equipment to manage an unresponsive patient's airway, control severe bleeding from an extremity, and monitor a patient's heart rhythms. Students will be guided by career paramedics, nurses, and pre-hospital educators giving them awareness of skills used in a patient's diagnosis, treatment, and quality of life. *Presented by Jean Zemke, EMS/Community Educator, Aurora Regional EMS*

THE AMAZING SCIENCE OF A GRILLED CHEESE SANDWICH

Food is much more than just fuel – it's an amazing interplay of science and sensation. Even the humble grilled cheese sandwich is a product of remarkable chemical and physical reactions that give it that irresistible melty magic. From the transformation of fats and proteins to the behavior of acids and pigments, countless elements unite to create the taste, texture, and aroma we experience with every bite. Discover how chemistry, microbiology, and engineering collaborate to craft the delicious and safe foods that keep our bodies thriving and our minds sharp. *Presented by Dave Taylor, Sargento Cheese*

Session Selection:

For each registered girl, please check their top three session choices. Please note that all registrations are taken on a first-come, first-served basis. Session choices are not guaranteed. We do our best to place girls in their three class choices. Session assignments are final once confirmed. We cannot put girls into specific sessions based on wanting to be with their friends. Sessions will not be assigned without payment.

- ☐ Robotic Surgery
- ☐ Blood And Body Works
- ☐ Chemistry Escape
- ☐ Crime Scene Investigations
- ☐ The Science Of Color
- ☐ Medical Devices Made From Pig
- ☐ A Look Inside The Bovine Hide
- ☐ Architecture - Designed Awareness
- ☐ The Amazing Science Of A Grilled Cheese Sandwich

Scholarships are available for this conference. Please call 920-458-9224 for more information.

Liability Statement:

The undersigned does hereby agree to hold harmless and indemnify the Sheboygan Branch, American Association of University Women from any and all liability, loss, damages, costs or expenses which are sustained, incurred or required arising out of the actions of children of the undersigned in the Girls' STEM Conference.

Parent's or Guardian's Signature

Date

Photo Release:

I understand that the sponsors may take photographs and/or video footage of Girl's STEM Day participants and activities. I agree that the sponsors shall be the sole owner of this content and may use such photographs and video relating to the promotion of future Girls' STEM Day Conferences.

Parent's or Guardian's Signature

Date

COMPLETE BOTH SIDES OF FORM

Registration Deadline: Friday, October 31, 2025