ASSOCIATION FOR WOMEN IN MATHEMATICS
University of Illinois at Urbana-Champaign Chapter

Outreach Activities
About Us

Established in 2011, the chapter of the Association for Women in Mathematics (AWM) at the University of Illinois at Urbana-Champaign provides a relaxed and supportive environment in which women in the Department of Mathematics can interact at mathematical and social events.

In particular, through engaging outreach activities, we encourage girls to be excited about math and science.

We have a variety of events accessible to students in grades K–12, as well as the home-schooled community, in Champaign, Urbana, and the surrounding areas.
Outreach with the Orpheum

Recently, the AWM partnered with the Orpheum Children’s Science Museum in Champaign.

Girls Do Science (2nd – 5th Grade)
The Orpheum’s “Girls Do Science” program consists of a series of exciting field trips and activities at the Museum for elementary school girls. The AWM helps to fund this event and provides positive role models for activities.

Orpheum on Wheels
Educators from the Museum visit rural and disenfranchised parts of Illinois to conduct hands-on activities. The AWM supports this initiative by designing interactive math-based activities and training Museum staff to present them.

Please see the Orpheum website for more information about these activities and associated costs:

www.orpheumkids.org
Girls Engaged in Mathematics and Science (GEMS) Workshop (6th – 8th Grade)

The GEMS Workshop is a free event occurring over four Saturday afternoons in the fall. Each session is self-contained; students may register for just one day or for all four days. The AWM provides fun activities, shirts, and mathematical prizes for participants.

In our first annual GEMS Workshop, we will study “Geometry and Nature.” Using Zometools and Magformers, we will look at the math and science behind bubbles, crystals, and snowflakes. Additionally, we will explore geometry by building Platonic solids with interactive magnetic and plastic kits.

Please see our website for more information about dates and locations:

www.math.illinois.edu/gems
Sonia Math Day for Girls (8th – 12th Grade)

The Sonia Math Day is a free, one-day event in the fall semester where we provide fun activities, lunch, shirts, and mathematical prizes for participants. This program encourages high school girls to consider pursuing higher education in math and science.

The theme of our third annual Sonia Math Day is “Games of Chance.” We will explore probability and statistics by examining the properties of dice, playing games from other cultures, and much more!

Please see our website for more information about the date and location:

www.math.illinois.edu/soniamathday
Events made possible with support from:

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