

The Association for Women in Mathematics at Illinois presents

Sonia Math Day Spring 2020: *Voting Theory*



Saturday April 11, 10 a.m.-3 p.m.

Altgeld Hall, Department of Mathematics
University of Illinois at Urbana-Champaign

Register by March 22 at math.illinois.edu/sonia-math-day

Sonia Math Day is a free, day-long female-focused outreach event for 8th-12th graders each semester hosted by the University of Illinois Graduate Student Chapter of the Association for Women in Mathematics.

This April, we are hosting our 14th Sonia Math Day, with a focus on voting theory: *Is there more than one way to hold a vote?* What makes a vote fair, and are some voting systems fairer than others? The answers to these questions aren't best understood in a civics or history class—they actually can be best explained by mathematics! We will explore these ideas through hands-on activities and real-world examples. Students are provided with lunch, t-shirts, and mathematical take-homes for each participant!

REGISTER BY MARCH 22 AT [MATH.ILLINOIS.EDU/SONIA-MATH-DAY](https://math.illinois.edu/sonia-math-day).
COST IS FREE, BUT SPACE IS LIMITED.

For more information, contact Dana Neidinger at dn2@illinois.edu.

This event is sponsored by the National Science Foundation and the Department of Mathematics and the Illinois Geometry Lab at the University of Illinois at Urbana-Champaign, and is organized by the University of Illinois Chapter of the Association for Women in Mathematics.

