



THE OHIO STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES



**BUCKEYE
AHA! MATH
MOMENTS**

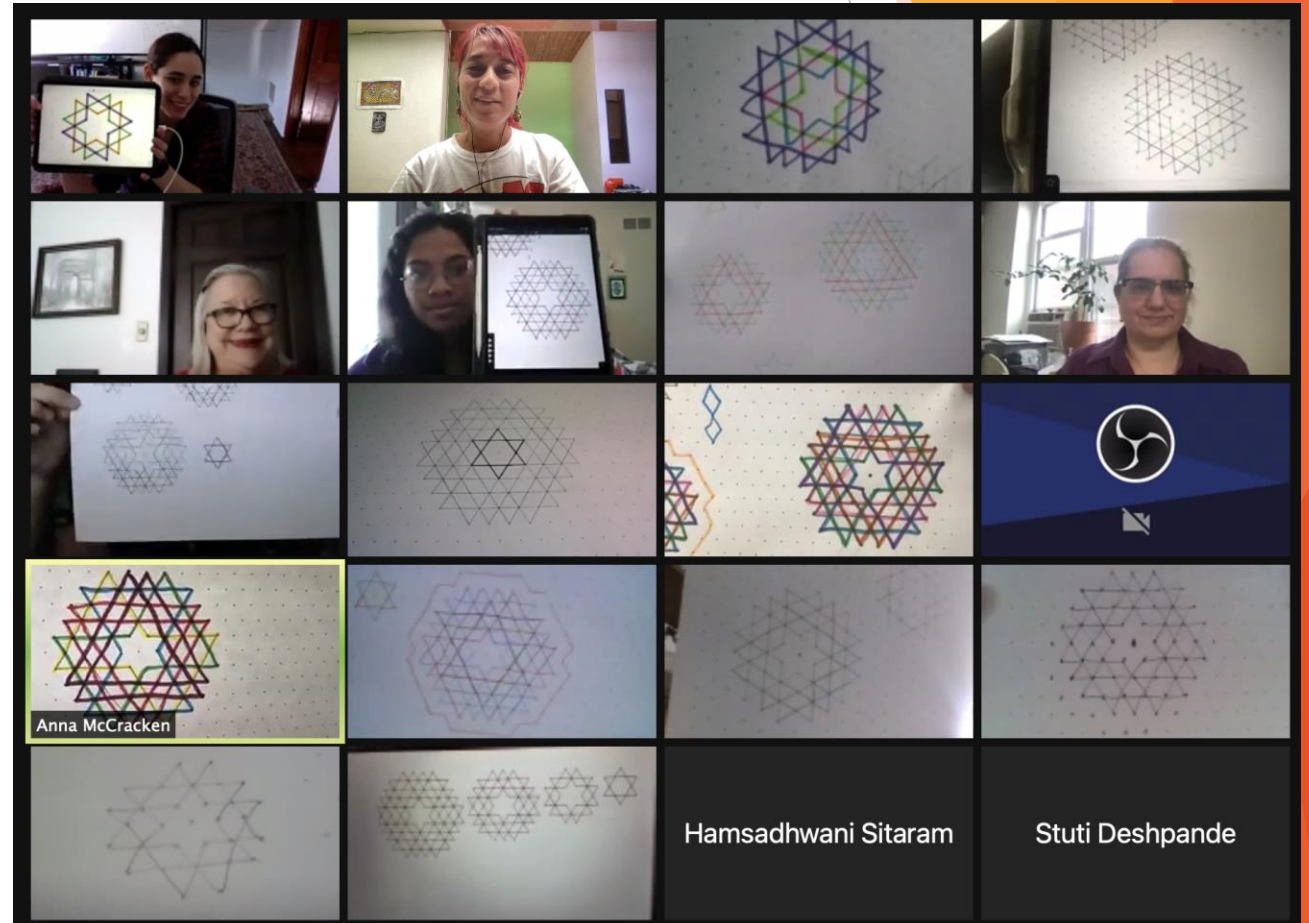
April 2021

Events since last report (September 2020)

- ▶ [Beyond the Classroom Monthly workshops](#)
- ▶ [West Fest \(OSU's Science and Sustainability Festival\)](#)
- ▶ [Recreational Math Seminars](#)
- ▶ [AWM Student Essay Contest](#)
- ▶ [Diversity in Math Movie Series](#)

Beyond the Classroom Monthly

- ▶ One workshop per month
- ▶ Middle and high school students
- ▶ Teachers sometimes join too
- ▶ Attendance varies between 10 and 50 connections
- ▶ 200 attendees since September
 - ▶ 26 have attended at least 2
 - ▶ 13 have attended at least 3
 - ▶ 9 have attended 4 or more



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WestFest Science and Sustainability Festival

- ▶ Mondrian Puzzles - Elementary school students
 - ▶ 17 attendees
- ▶ Geometric Origami - Families
 - ▶ 21 connections

The logo for WestFest features the words "WestFest" in a white, cursive script font, centered within a light blue rectangular box. This box is flanked by two grey, rounded rectangular shapes that resemble the ends of a horizontal bar or a stylized ribbon.

WestFest

The Ohio State University
Science & Sustainability Festival

A free, virtual event featuring family-friendly activities, virtual tours, demonstrations, presentations and more!

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Internal Department Activities

- ▶ 3 Recreational Math Seminars (30 attendees)
- ▶ Virtual climate activity (5 undergrad/grad students)



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AWM Student Essay Contest

- ▶ 18 Ohioan students paired with women mathematicians for interviews
 - ▶ 6 of the women volunteer from OSU
- ▶ One of them won an honorable mention
- ▶ Number of participants from Ohio increased from 4 in 2020 to 51 in 2021



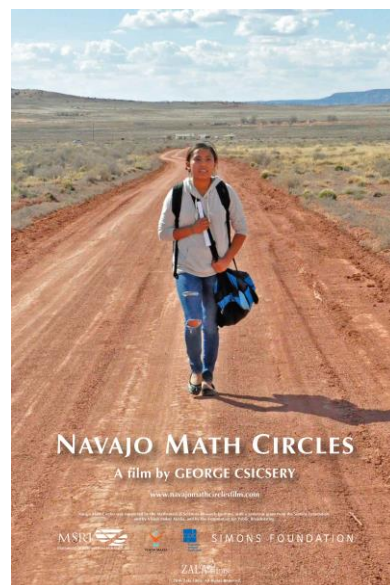
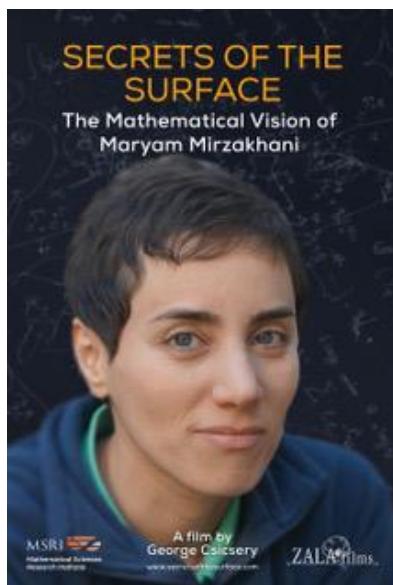
Association for Women in Mathematics

Events since last report (September 2020)

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Diversity in Math Movie Series

- ▶ Funded by ASC
- ▶ 4 movies
- ▶ 18 panelists
- ▶ 225 attendees (teachers, kids, OSU community, folks from other universities)



Demographics

- ▶ Majority of women in all our events
 - ▶ 55% overall
- ▶ 21% Black + Hispanics + More than 1 race

Upcoming Events

- ▶ COSI Science Festival (May)
- ▶ Virtual High Impact Conference for Educators (Stark County) (June)
- ▶ [2021 Virtual Summer Camp \(June\)](#)
- ▶ Virtual Math Trail
 - ▶ To be developed over fall
- ▶ Recreational Mathematics and Outreach Service-Learning course
 - ▶ To be developed over fall and piloted in spring 2022

Beyond the Classroom Summer Camp

- ▶ Applications are open
- ▶ MAA Dolciani Mathematics Enrichment Grant
- ▶ Waiting to hear back about another grant proposal we submitted to cover expenses

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Projects

- ▶ Math Museum/Collaboration Lab
 - ▶ Submitted for a Battelle grant
- ▶ Towards Equity in Computer Science and Math through Discrete Math
 - ▶ Submitted for OSEP grant
 - ▶ Joint work with Physics Department (Prof. Chris Orban)
- ▶ Math, Coding and Arts - A path to inclusion in STEAM
 - ▶ Submitted for Seed Fund for Racial Justice grant
 - ▶ Joint work with Physics Department (Prof. Chris Orban)
 - ▶ Passed the first stage
- ▶ Science Dance
 - ▶ Submitted for a Battelle grant
 - ▶ Joint work with several departments

Marketing

- ▶ Mailing lists (mostly comprised of former attendees)
- ▶ College mailing list with alumni
- ▶ OSU's internal e-newsletter
- ▶ Ohio Department of Education newsletter
- ▶ Social Media & Blog: Needs more work

To Do

- ▶ We have been pushing for virtual classroom visits but response has not been as desired
 - ▶ We expect to be able to resume in-person classroom visits soon
- ▶ Put in place an evaluation system

Impact on student recruitment

- ▶ We plan to hold an informative session for students who want to join OSU during the summer camp
- ▶ Mentoring program for middle and high school (on the shelf)
 - ▶ Similar program in Astronomy