

# University of Oklahoma Math Day!

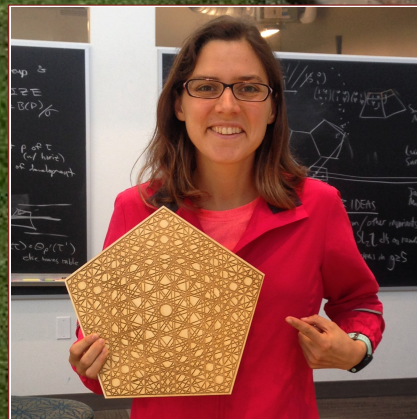
November 7, 2019

OU Norman Campus

## Featuring: PERIODIC PATHS ON THE PENTAGON

A talk by Diana Davis (Swarthmore College)

“Imagine that you hit a ball in a pentagon-shaped billiard table, and after bouncing around for a while, the ball comes back to where it started and then repeats its path. I’ve been studying these periodic paths for a couple of years, and it turns out that they’re very beautiful, like mathematical art. I’ll show lots of pictures, and explain the math behind them.”



### *Also featuring:*

The Sooner Math Bowl!

Puzzles!

Prizes!

Lunch!

A day of math activities for high school students from the Oklahoma and Texas areas.

For more information and online registration, please visit [www.math.ou.edu/mathday](http://www.math.ou.edu/mathday)