

# Rebecca Young



## Current Position:

Instructional Support for Secondary Math at the Mounds View School District

## Education:

- B.A. Math Education, Concordia University, St Paul, MN
- M.S. Natural Science, Rensselaer Polytechnic Institute, Troy, NY

## Goals as MCTM VP High School:

"The goal of mathematics education is to prepare each and every student for effective participation in society, including their career(s), post-secondary education and daily decision making about everything from finances, personal health, civic discourse and policy making to their ability to comprehend and analyze data."

I am passionate about the quote above and want to be a part of the leadership of an organization that can help revitalize mathematics education for all students in Minnesota.

# Jonathan Osters



## Current Position:

Upper School Mathematics Teacher, The Blake School

## Education:

- BA in Mathematics Education, Bethel University, St Paul, MN
- BA in Spanish Education, Bethel University, St Paul, MN

## Goals as MCTM VP High School:

One of the biggest challenges that high school teachers will encounter in the upcoming years is the implementation of the Mathematics Standards. These standards were adopted in 2022, with full implementation for the upcoming school year. These new standards have an additional focus on data, statistics, and probability that were not present in previous standards. Every year of my 20-year teaching career, I have taught statistics courses. In addition, as a Reader and Table Leader for the AP Statistics exam, I have learned not only how statistics can be effectively taught and assessed, but also how to communicate nuanced statistical concepts to other adult learners. This skill will be needed in

## Professional Affiliations:

- National Council of Teachers of Mathematics
- Minnesota Council of Teachers of Mathematics

## Involvement with MCTM and Mathematics Education:

- I have attended many NCTM and MCTM conferences.
- I have presented several times at the spring MCTM conference.
- I taught using BTC strategies the past 3 years.
- I have co-taught a Mounds View District BTC course to K-12 teachers each of the past 3 years.
- I have 35 years of classroom experience teaching including everything from Pre-Algebra to AP Calculus BC, as well as 20 years teaching AP Computer Science.
- AP Reader (7 years for Calculus and 1 year for Computer Science Principles)
- AP Table Leader (3 years for Precalculus)
- Irondale Math Team Coach (2007 - 2025)
- Irondale Robotics Advisor (2016 - 2020)
- 3M TWIST participation (2019)
- UMTYMP Precalculus instructor (2022, 2023, 2024)

MCTM's leadership as we continue as a community of math educators to implement the new standards effectively, and this is an area where I feel I can be of service. Finally, I will continue to work to support MCTM's ongoing work to support learners across the state, whether in public, independent, or charter schools, and to close the opportunity gap that exists within our state.

I have always tried to be a passionate learner, and I've been similarly passionate about sharing what I've learned with the greater math education community, both in Minnesota and across the country. I believe the MCTM Conference is one of the premier professional development opportunities around, and I have always enjoyed learning from the fine educators across the state, as well as getting the chance to share what I have learned. MCTM sessions in which I've presented have been widely applicable to high school teachers of various disciplines. Over the years, I've presented on pedagogical techniques, assessment techniques, and activities to promote inquiry in statistics.

In recent years, I've done a deeper dive into cultural mathematics from around the world and I've incorporated what I've learned into my Geometry classes. Doing the work to see mathematics through the lens of various cultures supports MCTM's and MDE's goal of connecting the work we do in our classes to the perspectives and voices of Minnesota's Native communities. While my work is far from over in this area, I look forward to continuing to learn and supporting educators across Minnesota in this endeavor.

## Professional Affiliations:

NCTM and MCTM

## Involvement with MCTM and Mathematics Education:

Session/Workshop Speaker at MCTM 2012-2019 and 2022-2025

Session/Workshop Speaker at NCTM Annual Meeting 2014-2018, 2023, 2024, and 2025

Reader & Table Leader for the AP Statistics exam (2009-current)