

# TULSA MATH TEACHERS' CIRCLE



## 6th Annual Summer Immersion Program

June 10 – 12, 2019

8:15 AM – 4:30 PM

The University of Tulsa

McFarlin Library

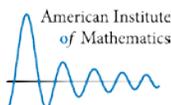
Tulsa, OK

**Join us this summer for an intensive three-day program!**

**Comments from last summer's teachers.** "Other workshops might give me a different approach, but not a deeper understanding of math like this workshop does." "I loved all the problem solving and collaboration!" "Loved learning how to approach a word problem at any level, even the harder ones." "Excellent presenters!" "Exciting Math Problem-Solving Sessions."

- Outstanding Facilitators
- Join K-12 and College Math Educators and Professional Mathematicians

Funding for Math Circle events is provided by the Charles and Lynn Schusterman Family Foundation, The University of Tulsa Mathematics Department, The University of Tulsa College of Engineering and Natural Sciences, National Science Foundation, American Institute for Mathematics, National Security Agency, Tulsa Engineering Foundation, and Oklahoma Society of Professional Engineers.



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## McFarlin Library Student Study

The McFarlin Library is a beautiful setting in the middle of The University of Tulsa Campus for our 3-day workshop. The Student Study is on the 2<sup>nd</sup> floor of the library and has large windows overlooking the Tulsa skyline.

## Typical Day - 8:15 A.M. – 4:30 P.M.

Two workshop sessions in the morning

Lunch

One or two workshop sessions in the afternoon

Wrap up session with time for Q&A

## What is a Math Teachers' Circle?

Math Teachers' Circles (MTC) bring together middle school math teachers, high school and college mathematics educators, and professional mathematicians to enrich the teachers' experience of mathematical problem-solving and build mathematical community. Our goals are to:

- Increase the confidence of middle school math teachers in problem solving
- Deepen teachers' content knowledge through exploring mathematically rich problems and developing an arsenal of techniques for solving unfamiliar and challenging problems
- Form long-term professional relationships among teachers and mathematicians through regular, highly interactive meetings
- Provide support for teachers who want to bring richer mathematical experiences to their students.

## Tulsa Math Teachers' Circle

The Tulsa Math Teachers' Circle (TMTC) meets throughout the academic year in selected months. TMTC hosted its first academic year meeting in October, 2013. We have also hosted five summer immersion workshops: in 2014, 2015, 2016, 2017, and 2018. TMTC Website: <http://tmtc.utulsa.edu/>

## Who are the presenters?

**Mark Brown:** Mark is a Professor of Mathematics and Mathematics Education at MidAmerica Nazarene University in Olathe, KS. He serves the university as the Faculty Athletics Representative and also leads the Heartland Math Teachers' Circle, hosted by MNU. Prior to his 17 years at the university, Mark taught high school math in south central Kansas for 7 years.

Mark enjoys running, teaching ESL at his church, and spending time with his wife and children.

**Paul Zeitz:** *Professor and former Chair of the Mathematics and Statistics department of USF.*

Originally trained as an ergodic theorist (Ph.D. University of California, Berkeley, 1992), today his overriding interest is mathematical problem solving and the promulgation of an Eastern European-inspired problem-solving culture to American audiences.

Towards this end, Paul wrote *The Art and Craft of Problem Solving* in 1998, co-founded the [Bay Area Mathematical Olympiad](#) in 1999, and co-founded the [San Francisco Math Circle](#) in 2005. In 2009 he produced a series of [video](#) lectures for The Teaching Company on problem solving. *The Art and Craft of Problem Solving* is now in its 3rd edition, and has been translated into Chinese, Japanese and Thai.

Paul is a co-founder and the Chair of the Board of Directors for Proof School, a unique independent secondary school in San Francisco for children in grades 6--12 who love math. Proof School opened in the Fall of 2015 and now has about 100 students who enjoy a world-class, innovative education.

When not doing math, Paul likes to hike with his wife, Cathy, and their dog, Marvin.

## Who should apply?

The target audience of this intensive summer workshop is middle school math teachers. Returning TMTC Immersion Program participants will be considered. **Upper elementary school, high school and college mathematics educators** are welcome to apply and may be invited to attend the workshop for free.

## Application deadline

For full consideration, please fill out the [ON-LINE APPLICATION](#) before **Friday, April 19, 2019**. Applicants will be notified by **April 22, 2019** whether they have been accepted or not.

## For further information, contact:

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