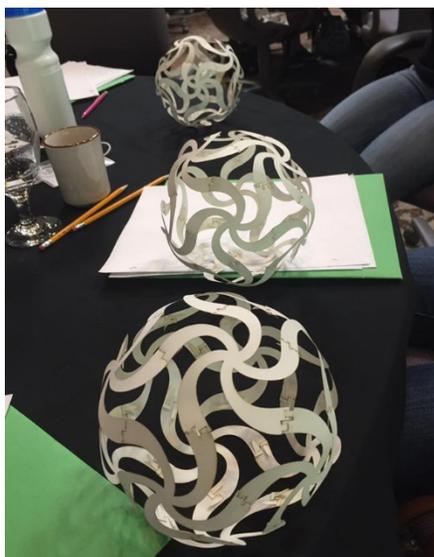


# TULSA MATH TEACHERS' CIRCLE



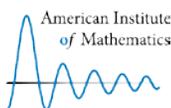
**5th Annual Summer Immersion Program**  
**June 18 – 20, 2018**  
**8:00 AM – 4:00 PM**  
**The University of Tulsa**  
**McFarlin Library**  
**Tulsa, OK**

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

**Comments from last summer's teachers.** "Instead of being lectured to, we explored. "Presenters were very knowledgeable and well-prepared." "Focused on the math instead of the teaching." "Enjoyed the small group hands-on work!" "All about developing myself as a mathematics problem solver so that I can help my students." "My brain hurts—yet a good hurt!" 😊

- 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.



# Tulsa Math Teachers' Circle Summer Immersion Workshop

June 18 – 20, 2018

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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 - 8:00 A.M. – 4:00 P.M.

Two workshop sessions in the morning  
Lunch  
One workshop session 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 four summer immersion workshops: in 2014, 2015, 2016, and 2017. TMTC Website: <http://tmtc.utulsa.edu/>

## Who are the presenters?

**Harold Reiter:** Harold Reiter has taught mathematics for 53 years. During the last 15 years, he has realized that teaching pre-college students is even more fun. He has taught at MathZoom, Awesome Math, MathPath, Epsilon for children of ages 8, 9 and 10, and at camps in Indonesia (2 trips), India, and China (3 trips). He became involved in

precollege mathematics in the 1980s when his daughter Ashley (Reiter) Ahlin was in grade school, and now he especially enjoys teaching his two grandsons John and Peter. His latest work is a book with Yun-zhi Zou of Sichuan University and Jon Kane of University of Wisconsin called *American Mathematical Contests: A Guide to Success*, published by Kendall-Hunt.

**Brandy Wieggers:** Brandy Wieggers is an assistant professor at Central Washington University in Ellensburg, Washington. She received Biological Systems Engineering and Mathematics degrees from the University of Idaho (in Moscow, Idaho). From UI she went on to complete a Ph.D. in Applied Mathematics from University of California, Davis with a research focus on computational mathematical biology and numerical analysis. Since receiving her PhD Dr. Wieggers has become a leader in mathematical outreach as founding director of the National Association of Math Circles and current Director of the Pacific Northwest Mathematical Outreach Web (Math POW!).

Learn more about Dr. Brandy at her website <http://www.cwu.edu/math/dr-brandy-wieggers> or @drbrandymath

## 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 **Tuesday, June 1, 2018**. Applicants will be notified by **June 6, 2018** if they have been accepted or not.

## For further information, contact:

Marilyn Howard  
Email: [Marilyn-howard@utulsa.edu](mailto:Marilyn-howard@utulsa.edu)  
Phone: (918) 631-4130