7th Annual Summer Immersion Program
June 8-10, 2020
8:15 AM – 4:30 PM
McFarlin Library
The University of Tulsa
Tulsa, OK

Join us this summer for an intensive three-day program!
Facilitators: Joshua Zucker, Jane Long, and Kimberly Adams

Comments from previous participants: “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
- No Cost to Participants

Funding for Math Circle events is provided by Tulsa Regional STEM Alliance, the Charles and Lynn Schusterman Family Foundation, The University of Tulsa Mathematics Department, The University of Tulsa College of Engineering and Natural Sciences, American Institute for Mathematics, Tulsa Engineering Foundation, and Oklahoma Society of Professional Engineers.
**Tulsa Math Teachers’ Circle Summer Immersion Workshop**

**June 8 - 10, 2020**

**McFarlin Library Student Study**

The McFarlin Library is a beautiful setting in the middle of The University of Tulsa campus for our workshop. The Student Study is on the 2nd 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
- Working Lunch
- One workshop session in the afternoon
- Wrap up session with time for Q&A, sharing, etc.

**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 in areas relevant to the Oklahoma Academic Standards for Mathematics
- 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 throughout the year
- Provide support for teachers who want to bring richer mathematical experiences to their students.

**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 **Wednesday, April 15, 2020**. Applicants will be notified by **May 1** whether they have been accepted or not.

**Who are the Presenters?**

**Kimberly Adams** is a Chapman Senior Instructor of Mathematics at The University of Tulsa. She earned an undergraduate degree in mathematics from Northeastern State University and Master’s degree in Applied Mathematics from The University of Tulsa. She was awarded the Kermit E. Brown Award for Teaching Excellence in the spring semester, 2017. This is the highest recognition of teaching excellence given by the college of Engineering and Natural Sciences at TU. Kimberly’s interests include mathematics education, Math Circles for students and teachers, STEM outreach, and baking.

**Dr. Jane Long** is the founding director of the East Texas Math Teachers’ Circle and currently serves as chair of the Special Interest Group of the Mathematical Association of America on Math Circles for Students and Teachers. She regularly visits Math Circles as an invited facilitator and frequently engages in mathematical outreach activities for people of all ages and levels. Her personal teaching philosophy centers around inquiry-based learning and problem solving. Dr. Long earned her Ph.D. in algebraic topology from the University of Maryland and is an associate professor of mathematics at Stephen F. Austin State University in Nacogdoches, Texas. She is originally from Bartlesville, Oklahoma.

**Joshua Zucker** is a California-based freelance math teacher with more than a decade of classroom experience as well as work in online education. He co-founded the Julia Robinson Mathematics Festival and the Math Teachers’ Circle program. He holds a BS in physics and MS in mathematics from Stanford University, an MS in astrophysics from UC Berkeley, and a teaching credential from San Jose State. In 2019, he won the bronze medal in his division at the World Sudoku Championships in Germany.

**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 six summer immersion workshops from 2014 to 2019. Our website: **tmtc.utulsa.edu**.

**ORGANIZING COMMITTEE**

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- **Adriana Rivers** University of Tulsa  adriana-rivers@utulsa.edu  (918) 631-3674 (office)  Staff support

In case of emergency or last minute concerns, please call one of the above.