

# KATM Bulletin

Kansas Association of Teachers of Mathematics

## SAVE THE DATE

KATM Annual Conference  
October 8, 2018  
Manhattan, KS

February  
2018

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## A Message from our President

Hello Kansas Math Educators!

I hope your 2018 is off to a fantastic start! This issue of the KATM newsletter is full of helpful resources and information for you. We see so many great things happening with our KATM members and are proud that our membership and presence around the state is continuing to grow. The work you do every day inspires us and makes a difference for our students.

- **Please consider applying for the Cecile Beougher Scholarship (For Elementary Teachers Only) or the Capitol Federal Savings Mathematics Teaching Enhancement Scholarship.** Let us know if you have any questions about the application process.
- The statewide book studies are in full swing and sparking thoughtful conversation among those participating. We are in talks about facilitating another possible book study over the summer; we will stay in touch with members as this idea develops. If you are curious about how these studies are going now, we invite you to reach out to us or check out the conversations on Facebook.
- If you have not recently, please continue to check the Members Only section of the <https://katm.org> website for great members-only resources.
- We love seeing math teachers across the state sharing ideas in our KATM Facebook group. Join here if you are not yet a part of this group: <https://www.facebook.com/groups/KansasMath/>.
- Make plans now to attend the next KATM conference in Manhattan, Kansas on Monday, October 8. We invite you to submit proposals to presents a session and share your ideas and expertise with fellow Kansas math educators.

We value each of our members and thank you for the great work and care you give for Kansas students each day. THANK YOU!

Stacey Ryan

KATM President

Dear Kansas Math Teachers,

Well, here we are halfway through the year....hard to believe! Hopefully your year is going well. As always, we would love to hear from our members about other what is going on for you! Or, we would love to feature articles and lesson plans from our members if you have an awesome idea you'd like to share! You can email me at [jennywilcox@katm.org](mailto:jennywilcox@katm.org) with any suggestions.

Sincerely,

*Jenny Wilcox*

KATM Bulletin Editor

Have you checked out what's happening on our KATM Facebook page? We have great discussions like this!

The KATM Bulletin needs submissions from K-12 teachers highlighting the mathematical practices listed above. Submissions could be any of the following:

- ◇ Lesson plans
- ◇ Classroom management tips
- ◇ Books reviews
- ◇ Classroom games
- ◇ Reviews of recently adopted resources
- ◇ Good problems for classroom use
- ◇

Email your submissions to our Bulletin editor:

[jennywilcox@katm.org](mailto:jennywilcox@katm.org)



**Betsy Wiens** shared a link.

Admin · October 31, 2017

<https://www.youtube.com/watch?v=srJWx7P6uLE>

At the 2017 KATM conference some of the participants in zone 3 asked about posting videos of lessons. This is not a lesson but it is a great starter activity. I have seen a couple student teachers use it with their classes-  
Kylee Dewey



### My Favorite No

Description: Maths teacher explain a starter activity she uses to develop a growth mind-set. She uses it to show students...

YOUTUBE.COM

Like

Comment

Share

Stacey Ryan-Educator, Amy Best Johnston and 3 others



**Julie K Keithline** I have incorporated this into my daily routine, but married it with Growth Mindset and call it "My favorite Not Yet"

Like · Reply · 4h



**Betsy Wiens** Julie, that sounds awesome. Can you explain how you tweaked to include growth mindset. I love the name!!



Working for ALL math teachers across Kansas.

# Get Connected with KATM and Fellow Educators On Facebook & Twitter



**@KATMWebmaster**

- Keep updated on Conference Updates.
- Keep updated on information about TWO Scholarships we give out each year!
- Keep updated about the changes to Kansas Math Standards.
- Talk with other educators about issues facing math educators.

## Join our Facebook Group and follow us on twitter!

## KATM Board Meeting Minutes

The KATM Board met on Friday, January 26 in a virtual meeting. Eighteen members were in attendance.

Betsy Wiens and Margie Hill, Membership Co-Chairs, reported that membership has increased! This is due in part to more college pre-service teachers joining. Betsy and Margie also reminded everyone to encourage teachers to apply for the two KATM Scholarships, the Cecile Beougher Scholarship (for elementary teachers) and the Capitol Federal Saving Mathematics Teaching Enhancement Scholarship (for K-12 teachers).

Pat Foster, Nominations Chair, reported on the slate of officers for 2018. President Elect Janet Stramel; Vice President of Elementary – election between Susan Gronquist and Nicole Meier; Vice-President of High School – election between Shakiyya Bland and Will Dunn and Julie Keithline; and Secretary Pat Foster.

We received the Treasurer's Report and 2018 Budget from Treasurer David Fernkopf.

Jenny Wilcox, Bulletin Editor, reported that the focus of this year's Bulletins will be on the Mathematics Teaching Practices.

Kira Pearce Dean informed the Board that the 2018 KATM Fall Conference will be at Manhattan High School on Monday, October 8. The keynote speaker will be Dr. Karen Karp, author of "Rules That Expire." Registration and call for speaker proposals will be on the KATM website beginning May 1, 2018. We are also looking for a host for the 2019 conference. If anyone is interested, please contact KATM.

Betsy Wiens reported that KATM is a member of the Kansas Learning First Alliance (KLFA). The next KLFA meeting will be Thursday, April 12 at 9:00 a.m. at KNEA in Topeka.

Webmaster Stacey Bell reported that a history of KATM is now a new tab on the KATM website. We currently have 453 followers on Facebook, although not as many on Twitter. Find us on Facebook (KATM) and on Twitter (@KATMWebmaster).

Zone Representations Jerry Braun, Kira Pearce Dean, Blake Carlson, Lara Staker, and Jeannett Moore shared activities in their respective zones.

### **New Business**

In new business, it was discussed to change the KATM Constitution to make the Zone Representative an elected position. This will be discussed and voted on at the summer Board meeting.

Beginning in 2020, NCTM will host their annual conference in the fall (traditionally it has always been in the spring). How will this affect our KATM fall conference? Should we make changes? This will be discussed at the summer KATM Board meeting.

Amy Johnston, Vice President of Elementary and Josh Lee, Vice President of Middle School reported on the book study. Elementary teachers are reading "Intentional Talk" and middle/high school teachers are reading "Making Number Talks Matter." It was suggested that Amy and Josh summarize the discussion points on Facebook to get more people interested and involved. The Board discussed conducting another book study in the summer or next school year. This will be discussed at the summer KATM Board meeting.

## Nominations

### Nominees for President-Elect

**Janet Stramel** - Dr. Janet Stramel is currently an Associate Professor at Fort Hays State University where she teaches Mathematics Methods and Concepts of Elementary Mathematics. She taught middle school math for 25 years, both in Wamego, Kansas and Guthrie, Oklahoma. She is also a National Board Certified Teacher. Janet is currently the Secretary of KATM, and has presented regularly at the KATM Conferences, and NCTM regional and national conferences.

### Nominees for VP Elementary

**Susan Gronquist**—Background:

- Earned BSE at the University of Kansas, 1984, Certified K-9
- Earned MSE at the University of Missouri - Kansas City in Curriculum and Instruction with a mathematics emphasis
- First group of National Board Certified teachers, 1995, Middle Childhood Generalist, First to renew in Kansas, Renewed second time
- Taught first grade, Olathe School District, Walnut Grove Elementary School (5 yrs)
- Taught second grade, Auburn-Washburn School District, Wanamaker Elementary (2 yrs)
- Taught second (2 yrs), fourth (1 yr) and fifth grade (3 yrs,) Wabaunsee School District, Alma Elementary
- Currently teaching first grade Wabaunsee School District, Alma Elementary, (20 yrs)
- Olathe Math Cadre
- KATM Exec Board VP Elementary, President Elect, President, Past President
- Presenter KATM, NCTM KSDE, Greenbush, etc.

My goal in my classroom is to help students believe they are capable of making sense of mathematics. I feel that educators also need support to make sense of best practices in teaching mathematics. These are the reasons I am running for the office of VP Elementary. Since the beginning of my career I have worked to improve my instructional practices and to support others in becoming skilled in teaching mathematics. I have found it is not change that educators struggle with but the lack of support, time, and the need for more collaboration. I hope to be a voice for all elementary teachers, their students and a voice in matters involving mathematics education. Mathematics is not often seen in a positive light and it is also my goal to help change this mindset.

**Nikki Meier** is a kindergarten teacher for USD 437 at Farley Elementary. She has taught kindergarten for a total of fifteen years, along with directing an after school program K-5 for two years. She just completed and received her National Board Certification.

She has been honored with awards such as National Kindergarten Teacher of the Year 2003, NE Kansas Teacher That Makes a Difference 2003, USD 437 Teacher of the Year 2014, Kansas Teacher of the Year semi-finalist 2014, and Educational Credit Union Teacher that Makes a Difference 2014.

She serves on the Kansas Teacher of the Year Region 2 committee, her school social committee and presents regularly at KEEN, to her district and other schools & conferences. She mentors other teachers and Washburn University students on a regular basis to help promote the education field.

She enjoys spending time with her husband and two children (ages 15 & 11). She teaches swimming lessons to over 100 kids a day during the summer months. In her free time she enjoys digital scrapbooking, reading & being creative.

### Nominees for Secretary

**Pat Foster** - I have been an active member of KATM. I have served on the Board in the past in the roles of Zone Coordinator, Vice President of Elementary, and President. I have served on the standards writing team in the past and have worked to further math education in the state of Kansas. I taught elementary school for over 20 years before becoming an elementary school principal. I have served in this role for 7 years. If elected, I would relish the opportunity to continue working to enhance the teaching of mathematics for Kansas teachers.

# Nominations

## Nominees for VP High School

**Shakiyya Bland** - Ms. Shakiyya Bland received her Master of Arts in Education, Curriculum and Instruction with an emphasis in Mathematics and a certification in the field of Information, Technology, and Scientific Literacy. She completed her doctoral coursework in Educational Leadership in August 2017 and is currently writing her dissertation on the topic of, "Secondary Educators' Use of Guided Inquiry to Increase Student Engagement in Mathematics". She has collaborated with the USD 497 District Math Leadership Team for the past five years with a commitment to equity, excellence, and engagement of all learners. 2017-2018 school year marks the start of her eleventh year as a professional educator and first as a Learning Coach at Lawrence High School. Shakiyya consistently demonstrates an exceptional commitment to student-centered learning. As an instructional coach and doctoral candidate, she continues to build professional knowledge of math curriculum, standards, and inquiry-based learning. Driven by years of experience co-teaching with special educators and instructors of English Language Learners, the nominee fully understands the vast benefits, for all stakeholders, associated with collaboration among educators of common and diverse content areas. As a member of KATM, NCTM, and local professional cooperative learning communities, she believes meaningful collaboration, effective communication, and racial conscious equity work lead to an increase in students' academic, social, emotional, and critical thinking skills, in addition to implementation of relevant differentiated instructional practices and dedication to ensuring all students have equitable access to rigorous and engaging mathematics.

**Will Dunn** - My name is Will Dunn, and I teach at Tonganoxie High School. I have degrees from Michigan State University (accounting) and The University of Kansas (mathematics). It has been my privilege to teach in public high schools for four years, and I am excited about the many years that lie ahead. I am running for Vice President (High School) because I believe we teach in a very exciting time to be in the field of math education. The last several years have produced tremendous research and resources that have helped us re-envision what top-tier instructional practice looks like. I further believe in the deep commitment that math teachers in our state have to their own continuous improvement and to the education of our students. I would be humbled by the opportunity to help connect teachers to these new resources and to one another – irrespective of the district or building from which we each hail.

**Julie Keithline**—I received my BS from WTA&M University in 1994 and my MS from ESU in 2004.

I began my teaching career as an elementary teacher, teaching 4th grade and then “looping” with my students to 5th grade. Relocation brought me to Kansas from Kansas and I taught 4th grade for a couple more years before becoming interested in Adaptive Behaviors and their impact on students and learning environments. I began teaching at a day school while attending ESU, and continued this for five years. Suffering from burn out due to full time school and full time teaching, I opened up an adult learning center to assist adult learners in obtaining their high school credential. I was “lured” back to the traditional classroom out of a schools needing to find a math teacher before school began in a couple of days. I began teaching high school math on a waiver and received a scholarship tfrom KSDE to obtain my high school certification. I have since obtained by certification and repaid my obligation to KSDE. I have now been teaching middle and high school math in my current position for the past four school years.

As all experienced teachers do, I have seen the full circle of educational change in schools. One thing I have noticed that has not seemed to change and that is finding an answer to the ever popular question “When am I ever going to use this?” My goal for the past couple of years is to bring about a change in how I do things in my class so that students are so engaged with authentic applications of math that the fore mentioned question never comes up. I want to be a catalyst for how math is taught across the state, thus my desire to serve on the KATM Board.

## Math Anxiety in the Elementary Classroom

By Amy Johnston

Jaclyn Zubrzycki wrote about “How Much Math Anxiety is too Much” in Education Week. To read the article, follow the link...

<https://www.edweek.org/ew/articles/2017/05/17/how-much-math-anxiety-is-too-much.html>

Any educator will agree that anxiety is a common obstacle among elementary students in today's schools. After reading an article in Education Week by by Jaclyn Zubrzycki, I thought a discussion about how other elementary educators help to eliminate math anxiety could be beneficial.

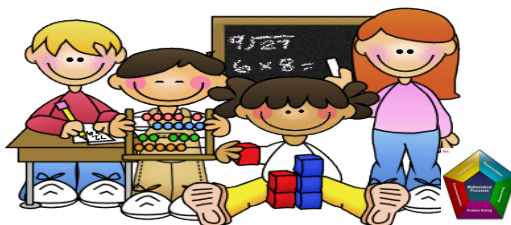
The article references how difficult it is to gather data on anxiety in young children. Most young children struggle to identify the level of anxiety they are feeling. Some researchers use smiley face charts while others try to get students to explain their feelings at the time. Since this feeling is such an obstacle, but so hard to determine, creating a safe environment in your classroom is the first step, I believe, to conquer anxiety not just in math, but in all areas of school. In our grade level, we have started Morning Meetings. It has been a wonderful way to start the day and allows me to have an opportunity to get an initial read on students. What have you found as a successful way to connect with your students?

Another point in the article referenced adults attitude toward math. This could be a parent, grandparent, teacher, etc. I have chosen to help combat this by not sending home math homework. I found a lot of the push back and conversation between parents and students about math, came from parents that felt frustrated when trying to complete math homework. How have you found success with winning over adults to have a positive math attitude?

I will be posting these two questions on our KATM Facebook page and hope you take a few minutes to share your ideas. Anxiety is something that is not going to go away easy in education. Let's see what ideas we can share to help with this growing issue.



## KATM Cecile Beougher Scholarship ONLY FOR ELEMENTARY TEACHERS!!



A scholarship in memory of Cecile Beougher will be awarded to a practicing Kansas elementary (K-6) teacher for professional development in mathematics, mathematics education, and/or mathematics materials needed in the classroom. This could include attendance at a local, regional, national, state, or online conference/workshop; enrollment fees for course work, and/or math related classroom materials/supplies.

The value of the scholarship upon selection is up to \$1000:

- To defray the costs of registration fees, substitute costs, tuition, books etc.,
- For reimbursement of purchase of mathematics materials/supplies for the classroom

**An itemized request for funds is required. (for clarity)**

### ***REQUIREMENTS:***

The successful candidate will meet the following criteria:

- Have a continuing contract for the next school year as a practicing Kansas elementary (K-6) teacher.
- Current member of KATM (if you are not a member, you may join by going to [www.katm.org](http://www.katm.org). The cost of a one-year membership is \$15)

### ***APPLICATION:***

To be considered for this scholarship, the applicant needs to submit the following no later than June 1 of the current year:

1. A letter from the applicant addressing the following: a reflection on how the conference, workshop, or course will help your teaching, being specific about the when and what of the session, and how you plan to promote mathematics in the future.
2. Two letters of recommendation/support (one from an administrator and one from a colleague).
3. A budget outline of how the scholarship money will be spent.

Notification of status of the scholarship will be made by July 15 of the current year. Please plan to attend the KATM annual conference to receive your scholarship. Also, please plan to participate in the conference.

### ***SUBMIT MATERIALS TO:***

Betsy Wiens  
2201 SE 53<sup>rd</sup> Street  
Topeka, Kansas 66609

*Go to [www.katm.org](http://www.katm.org) for more guidance on this scholarship*



## Capitol Federal Mathematics Teaching Enhancement Scholarship

Capitol Federal Savings and the Kansas Association of Teachers of Mathematics (KATM) have established a scholarship to be awarded to a practicing Kansas (K-12) teacher for the best mathematics teaching enhancement proposal. The scholarship is \$1000 to be awarded at the annual KATM conference. The scholarship is competitive with the winning proposal determined by the Executive Council of KATM.

### PROPOSAL GUIDELINES:

The winning proposal will be the best plan submitted involving the enhancement of mathematics teaching. Proposals may include, but are not limited to, continuing mathematics education, conference or workshop attendance, or any other improvement of mathematics teaching opportunity. The 1-2 page typed proposal should include

- A complete description of the mathematics teaching opportunity you plan to embark upon.
- An outline of how the funds will be used.

An explanation of how this opportunity will enhance your teaching of mathematics.

### REQUIREMENTS:

The successful applicant will meet the following criteria:

- Have a continuing contract for the next school year in a Kansas school.
- Teach mathematics during the current year.

Be present to accept the award at the annual KATM Conference.

### APPLICATION:

To be considered for this scholarship, the applicant needs to submit the following no later than **June 1 of the current year.**

- A 1-2 page proposal as described above.

Two letters of recommendation, one from an administrator and one from a teaching colleague.

### PLEASE SUBMIT MATERIALS TO:

Betsy Wiens, Phone: (785)  
862-9433, 2201 SE 53<sup>rd</sup>  
Street, Topeka, Kansas,  
66609





## Kansas Learning First Alliance Focuses on Trauma Informed Schools and Civic Engagement at January Meeting

The Kansas Learning First Alliance (KLFA) held an informative meeting on January 19, 2018 at the KNEA building in Topeka, Kansas. KLFA Chair, Mark Farr, welcomed more than 15 representatives of 12 educational organizations who are committed to the mission of KLFA. One of those organizations, United Teachers of Wichita (UTW), was

highlighted and shared how they brought American Federation of Teachers (AFT) and National Educational Association (NEA) together to form UTW. They represent nearly 1800 teachers from 94 buildings.

KSDE Program Consultant Myron Melton provided information regarding the Social Emotional Character Development (SECD), which is one of the Kansas State Board of Education goals. He shared information about the Adverse Childhood Experiences (ACEs) Pyramid study. The study of Kansas children suggested 55% had at least one ACE, 34% have 1-2, and 21% have 3 or more. Twenty percent (20%) of our students need mental health services, but only 7% actually get it. That has a big impact on education as those students spend more time in survival than cognition. Schools addressing this provide professional learning opportunities to help staff create trauma sensitive learning environments, help facilitate mental health services, collaborate with the family and community partners, help students develop coping skills, and adopt policies/procedures to enhance these practices. KSDE has created a graphic of the Whole Child Educational Process to begin raising awareness and creating more effective learning environments. For more information, visit the [TASN Website](#).

Don Gifford, the KSDE Program Consultant for Civic Engagement, spoke about moving citizens from involved to engaged, which requires commitment and selflessness. Engaged students are less likely to participate in high-risk behaviors, smoke, be anxious/depressed, etc. To move toward self-efficacy, one must be confident their actions can make a difference, and there is little formalized civic curriculum. With the State Board emphasis on civic engagement, they're promoting it via a new awards structure based on identified criteria, as well as hosting the [Civic Engagement Conference](#) on Feb. 19<sup>th</sup>.

The Kansas Learning First Alliance is a coalition of 36 educational organizations in Kansas representing school boards, administrators, teachers, teacher educators, parents, the Kansas Board of Education, and the Kansas State Department Education. The mission of KLFA is "to unite the education community to improve our outstanding public education system, pre-K through higher education, to empower each Kansan to succeed in the diverse, interdependent world of the 21<sup>st</sup> century". For more information about KLFA, visit the KLFA [Website](#) and/or look for "[Kansas Learning First Alliance](#)" on Facebook.

### Future KLFA meetings scheduled for the 2017-2018 academic year are:

Thursday, April 12 9:30, 2018 am at KNEA Building

Do you like what you find in this Bulletin? Would you like to receive more Bulletins, as well as other benefits?

Consider becoming a member of KATM.

For just \$15 a year, you can become a member of KATM and have the Bulletin e-mailed to you as soon as it becomes available. KATM publishes 4 Bulletins a year. In addition, as a KATM member, you can apply for two different \$1000 scholarship.

Current members—refer three new members and you get one free year of membership!

Join us today!!! Complete the form below and send it with your check payable to

KATM to:  
 Margie Hill  
 KATM-Membership  
 15735 Antioch Road  
 Overland Park, Kansas 66221

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Home Phone \_\_\_\_\_

HOME or PERSONAL EMAIL:

\_\_\_\_\_

Are you a member of NCTM? Yes \_\_\_ No \_\_\_

Position: (Circle only one)

- Parent
- Teacher: Level(s) \_\_\_\_\_
- Dept. Chair
- Supervisor
- Other

Referred by: \_\_\_\_\_

KANSAS ASSOCIATION MEMBERSHIPS

Individual Membership: \$15/yr. \_\_\_

Three Years: \$40 \_\_\_

Student Membership: \$ 5/yr. \_\_\_

Retired Teacher Membership: \$ 5/yr. \_\_\_

First Year Teacher Membership: \$5/yr. \_\_\_

Spousal Membership: \$ 5/yr. \_\_\_

(open to spouses of current members who hold a regular Individual Membership in KATM)