

An Introduction to Mathematics Grants and Scholarships from the Mathematics Education Trust (MET)

Audio by computer:

- You will need a speaker to listen
- We will not be activating microphones but please use the chat box if you have any questions or concerns.
- **You should currently be hearing music** If you do not, please perform the Audio Setup Wizard using the path below:

Meeting > Audio Setup Wizard



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Welcome!

**An Introduction to
Mathematics Grants and
Scholarships from the
Mathematics Education
Trust (MET)**



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Participation

- Chat
- Q & A
- Twitter

#NCTMLive



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Polls

Who is Here Today?

- What grade level do you teach?
- What is your role in the school setting?



Richard Seitz and Linda Fulmore



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NCTM's Mathematics Education Trust (MET) Provides Grants and Scholarships

Richard Seitz and Linda Fulmore



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NCTM's Mathematics Education Trust (MET)

The MET channels the generosity of contributors through the creation and funding of grants, awards, honors, and other projects that support the improvement of mathematics teaching and learning.



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MET Board of Trustees

Four appointed members with four-year terms, and the Executive Director of NCTM

- Linda Fulmore, Cave Creek, AZ
- Richard Seitz, Helena, MT
- Ralph Connelly, Ontario, Canada
- M. Alejandra Sorto, San Marcos, TX

Ken Krehbiel - NCTM Executive Director, Reston, VA



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MET Board & Some MET Awardees in San Antonio (2017)



Grants, Awards, and Scholarships

- **Funding ranges from \$1,500 to \$24,000!**
- **Totals approximately \$150,000 a year!**



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Three Primary Deadlines



Winter: November 3, 2017
(Exceptions - Joint Grants with NCSM & TODOS Mathematics for All)

Summer: May 4, 2018

Affiliate Grants: June 1, 2018



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Winter Grants, Scholarships & Awards

**Most Proposals due
November 3, 2017
NCSM: November 6, 2017
TODOS: November 30, 2017)**



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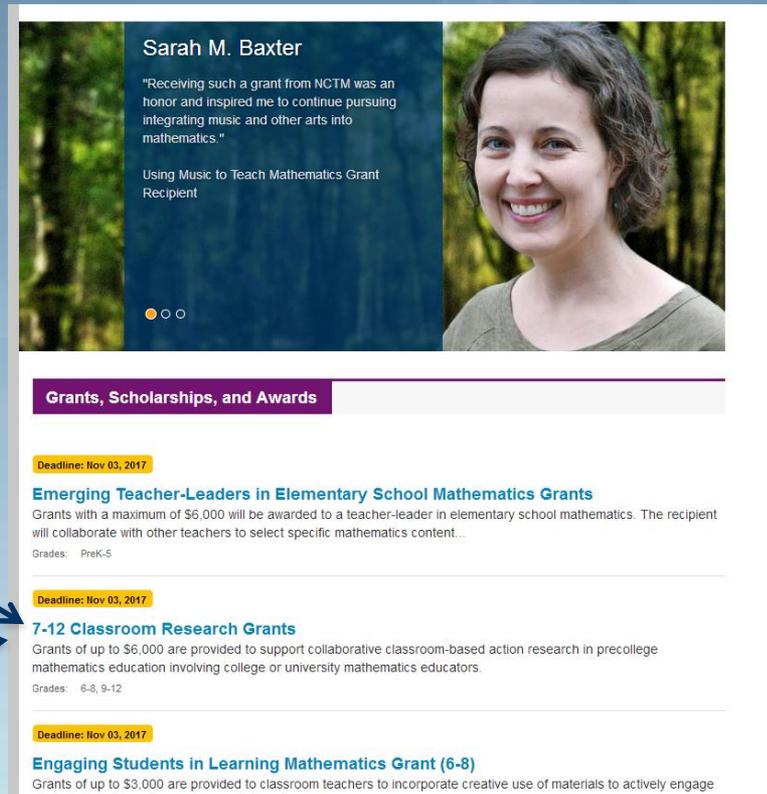
Details on Web!

nctm.org/Grants/

- Browse All Grants

- Specific Grant Information

- Past Awardees & Proposal Abstracts



The screenshot displays a grant listing on the NCTM website. At the top, there is a profile for Sarah M. Baxter, a grant recipient. Below this, a purple header reads "Grants, Scholarships, and Awards". The main content area lists three grants, each with a yellow "Deadline: Nov 03, 2017" tag. The first grant is "Emerging Teacher-Leaders in Elementary School Mathematics Grants", the second is "7-12 Classroom Research Grants", and the third is "Engaging Students in Learning Mathematics Grant (6-8)".

Sarah M. Baxter
"Receiving such a grant from NCTM was an honor and inspired me to continue pursuing integrating music and other arts into mathematics."
Using Music to Teach Mathematics Grant Recipient

Grants, Scholarships, and Awards

Deadline: Nov 03, 2017
Emerging Teacher-Leaders in Elementary School Mathematics Grants
Grants with a maximum of \$6,000 will be awarded to a teacher-leader in elementary school mathematics. The recipient will collaborate with other teachers to select specific mathematics content...
Grades: PreK-5

Deadline: Nov 03, 2017
7-12 Classroom Research Grants
Grants of up to \$6,000 are provided to support collaborative classroom-based action research in precollege mathematics education involving college or university mathematics educators.
Grades: 6-8, 9-12

Deadline: Nov 03, 2017
Engaging Students in Learning Mathematics Grant (6-8)
Grants of up to \$3,000 are provided to classroom teachers to incorporate creative use of materials to actively engage



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Details on MET Awards Summary Sheet!

- Lists all Grants

<http://www.nctm.org/MET/> (bottom of page)

MET Awards, Grants, and Scholarships WINTER CYCLE (postmarked by November 3, 2017, unless otherwise noted)

The Mathematics Education Trust (MET) established by the National Council of Teachers of Mathematics (NCTM) funds projects that enhance the teaching and learning of mathematics.

LEGEND: Grades Pre-K–5 ● Grades 6–8 ● Grades 9–12 ● Prospective Teachers ● Affiliates ● ▶◀ Partial Grade Band

Connecting Mathematics to Other Subject Areas Grants (Supported by the Theoni Pappas Fund) ● Grants of up to \$4,000 to classroom grades 9–12 teachers to develop classroom materials or lessons connecting mathematics to other disciplines or careers.

Classroom Research Grants (Supported by the Edward Begle Fund and NCTM) (Pre-K-6 ● ▶◀) Grants of up to \$6,000 to support collaborative classroom-based action research in precollege mathematics education involving college or university mathematics educators.

Classroom Research Grants (Supported by the E. Glenadine Gibb Fund and NCTM) (7-12 ▶ ●) Grants of up to \$6,000 to support collaborative classroom-based action research in precollege mathematics education involving college or university mathematics educators.

Designing Innovative Lessons and Activities for Mathematics Teaching Grants (Supported by the Mary P. Dolciani Halloran Foundation and NCTM) (K–8 ▶ ●) Grants of \$5,000 each will be awarded to support educator teams to create, develop, and disseminate K–8 mathematics enrichment activities for teachers and students. Successful grants can be renewed.

Emerging Teacher-Leaders in Elementary School Mathematics Grants (Supported by the Irene Etkowicz Eizen Fund and NCTM) ● Grants with a maximum of \$6,000 to a teacher-leader in elementary school mathematics. Recipient collaborates with other teachers to select specific mathematics content at a grade level that is consistent with the *Principles and Standards for School Mathematics* (NCTM 2000) and develop expertise in this content.

Engaging Students in Learning Mathematics Grants (Supported by the Veryl Schult–Ellen Hocking Fund) ● Grants of up to \$3,000 to classroom teachers currently working at the grades 6–8 level to incorporate creative use of materials to actively engage students in tasks and experiences designed to deepen and connect their mathematics content knowledge.

Equity in Mathematics Grants (Supported by the Iris Carl Fund and NCTM) (6-12 ● ●) Grants of up to \$8,000 to classroom teachers to incorporate classroom materials or lessons that will improve the achievement of groups of students, sometimes identified by race, gender, region or culture, who have previous records of underachievement.

November 3, 2017

**Classroom Research (PreK–6)
\$6,000**

**Classroom Research (7–12)
\$6,000**

College Mathematics Educator & 1 (or more) Teachers



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November 3, 2017

PreK–5

**Emerging Teacher-Leaders in
Elementary School Mathematics**

\$6,000



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November 3, 2017

6–8 Teachers

**Engaging Students in Learning
Mathematics**

\$3,000



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November 3, 2017

6–12 Teachers

Equity in Mathematics

\$8,000



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November 3, 2017

PreK–12 Teachers

**Future Leaders Initial NCTM
Annual Conference Attendance
\$1,500 + conference registration**



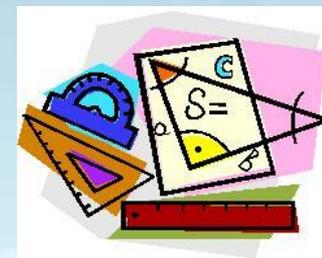
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November 3, 2017

PreK–8 Teachers

**Improving Students'
Understanding of Geometry (Pre-
K–8)**

\$4,000



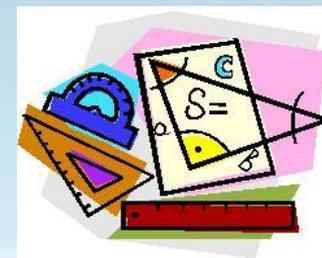
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November 3, 2017

9-12 Teachers

**Connecting Mathematics to
Other Subject Areas**

\$4,000



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November 3, 2017

PreK–5, 6–8, 9–12 Teachers

Teacher Professional Development

\$3,000



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November 3, 2017

**PreK–5 Teachers
Mathematics Course Work**

**6–8, 9–12 Teachers
Mathematics Graduate Course Work**

\$3,200



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November 3, 2017

PreK–2 Teachers

Using Music to Teach Mathematics

\$3,000



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November 3, 2017

Prospective Teachers

**Prospective Teacher NCTM Annual
Conference Attendance
\$1,500 + conference registration**



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New NCTM Team Grant!

Nov 3, 2017

Dolciani Halloran Elementary Mathematics Enrichment Grants

**Designing Innovative Lessons and
Activities
for Mathematics Teaching K–8**

\$5,000 - \$15,000



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NCTM Joint Grant with NCSM for PreK-12 Schools

Teacher-Leader Professional Learning Grant

Joint NCTM & NCSM Grant
due November 6, 2017
\$4,000



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NCTM Joint Grant with TODOS for PreK-12 Schools

Fostering Support of Mathematics Learning in Multilingual Classrooms

Joint NCTM & TODOS Grant
Due November 30, 2017

\$4,000



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Lifetime Achievement Awards

- Honors NCTM members who have a lifetime of achievement in mathematics education at the national level. The Lifetime Achievement Award is presented annually at the Opening Session of the NCTM Annual Meeting and Exposition.
- Join the **MET Celebration Party** on April 25, following Opening Session, to honor the 2018 award recipient(s)! Details will be posted online shortly.
- **2018 Nominations are due November 3, 2017**



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Lifetime Achievement Awardees (2017)

Margaret J. (Peg) Kenney

2017 Lifetime Achievement Award Recipient

For more than six decades, the national and international mathematics education community has felt the strong presence of Margaret J. (Peg) Kenney.



J. Michael Shaughnessy

2017 Lifetime Achievement Award Recipient

Michael Shaughnessy's dedication and significant contributions to mathematics education span over forty years.



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Lifetime Achievement Awardees (2016)

Edwin Dickey

2016 Lifetime Achievement Award Recipient

Ed Dickey's career has been spent encouraging students to become STEM teachers, implementing instructional technology to facilitate learning, and leveraging his abilities to contribute to a multitude of professional organizations.



Barbara J. Reys

2016 Lifetime Achievement Award Recipient

Barbara Reys is best known for her ability to identify an area of need and then organize and lead a team of professionals to take on that work. She is a true problem solver.



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NCTM Honorees with Named Funds

- Edward G. Begle
- Father Stanley J. Bezuszk S.J. and Margaret J. (Peg) Kenney
- Edward J. Brennan, Jr.
- Iris M. Carl
- Kenneth B. Cummins
- Franklin D. Demana and Bert K. Waits
- Mary P. Dolciani
- Ernest R. Duncan
- Irene Etkowicz Eizen
- Julius H. Hlavaty
- Ellen L. Hocking and Veryl Schult
- Lola J. May and Shirley M. Frye
- Esther L. Mendlesohn
- Clarence E. Olander
- Theoni Pappas
- Isabelle P. Rucker
- Dale Seymour
- Edwin I. Stein
- John Van de Walle
- John and Stacey Wahl



Starting the proposal process...

Make sure to read and review the--

- Eligibility and submission requirements detailed on the grant guidelines.
- Grant rubrics.
- Names of past grant awardees and proposal abstracts



Tips for Writing Successful Proposals for MET Grants

nctm.org/grants/tips/

- **Match the proposal to the specifications of the grant sought.**
- **Delineate your plan with the upmost care.**
- **Observe technical guidelines.**
- **Emphasize the benefits to students.**
- **Describe possible long-term implications.**
- **Enlist the support of your principal, supervisor, and colleagues.**

Bonus Tip: If you are not selected to be funded, ask for feedback!



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Some Additional Hints

- **Read the guidelines before you begin writing.**
- **Find a critical friend who will read both the guidelines and your proposal and then give you honest feedback.**
- **Revise your proposal and double check it against the guidelines and scoring rubric. Use the checklist.**
- **If your proposal is not accepted, ask for feedback and try again!**



Questions?



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Coming Up...

- Author Talks
 - Reimagining the Mathematics Classroom, Cathery Yeh, Mark W. Ellis, & Carolee Koehn Hurtado
 - September 13, 7:00 p.m. ET
- President's Message
 - Positioning NCTM for a Second Century, Matt Larson
 - September 27, 7:00 p.m. ET

NCTM.org→Conferences & Professional Development→Webinars and Webcasts



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Questions? Comments?

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Disclaimer

The National Council of Teachers of Mathematics is a public voice of mathematics education, providing vision, leadership, and professional development to support teachers in ensuring equitable mathematics learning of the highest quality for all students. NCTM's webinars, an official professional development offering of the National Council of Teachers of Mathematics, supports the improvement of pre-K-12 mathematics education by serving as a resource for teachers so as to provide more and better mathematics for all students. It is a forum for the exchange of mathematics ideas, activities, and pedagogical strategies, and for sharing and interpreting research. The webinars presented by the Council present a variety of viewpoints. The views expressed or implied in the Seminars, unless otherwise noted, should not be interpreted as official positions of the Council.



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