

Innovative Grants for Mathematics Educators from the Mathematics Education Trust

NCTM Annual Meeting
Friday, April 5, 2019, 11:00 a.m.
Hilton San Diego Bayfront, Aqua 13
Richard Seitz, ottoseitz@hotmail.com



NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

Grants, Awards, and Scholarships



Totals \$150,000 a year!



NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

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.

NCTM's Mathematics Education Trust (MET)



NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

Who Are We?

Level

Roles

What level(s) do you teach?

What role(s) do you represent?

What level(s) do you teach?

What role(s) do you represent?

- ☐ PreK-Grade 5
- ☐ Grades 6-8
- ☐ Grades 9-12
- ☐ College
- ☐ Future Math Teacher

- ☐ Classroom Teacher
- ☐ Math Specialist/Coach
- ☐ Mathematics Department Chair
- ☐ District Mathematics Education Leader
- ☐ College Instructor/Professor
- ☐ Other

MET Board of Trustees

4 appointed members with 4-year terms, and
the Executive Director of NCTM

- Richard Seitz – Chair, Helena, Mont.
- Ralph Connelly – Ontario, Canada
- M. Alejandra Sorto – San Marcos, Tex.
- Suzanne Mitchell – Little Rock, Ark.



Ken Krehbiel - NCTM Executive Director Reston, Va.
David Shayka – NCTM COO and CFO, Reston, Va.



Best Hopes for a Grant

A 2-3 Brainstorm

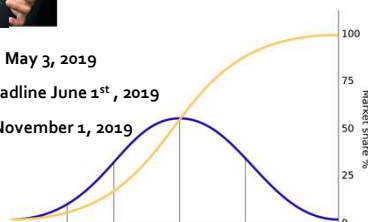
- What would you like a grant to accomplish?
- What grant would be fun?
- What funding would help your goals?

2 minutes to think – 3 minutes to share

When Do We Offer Grants? 3 Times a Year!



- Summer: deadline May 3, 2019
- Affiliate Grants deadline June 1st, 2019
- Winter: deadline November 1, 2019



Details!

- Detailed Description
- Requirements
- Cover Page
- Grant Outline
- Scoring Rubric

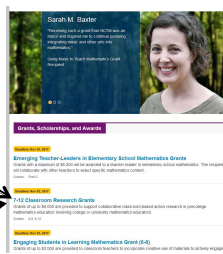
1. **Proposed Cover Page** (Microsoft Word)
 1a. Complete all requested information on the form.
 1b. Attach a copy of the letter of support from the Principal or school's leadership member.
 1c. Attach the grant proposal.
 1d. Attach the grant proposal.
 1e. Attach the grant proposal.
 1f. Attach the grant proposal.
 1g. Attach the grant proposal.
 1h. Attach the grant proposal.
 1i. Attach the grant proposal.
 1j. Attach the grant proposal.
 1k. Attach the grant proposal.
 1l. Attach the grant proposal.
 1m. Attach the grant proposal.
 1n. Attach the grant proposal.
 1o. Attach the grant proposal.
 1p. Attach the grant proposal.
 1q. Attach the grant proposal.
 1r. Attach the grant proposal.
 1s. Attach the grant proposal.
 1t. Attach the grant proposal.
 1u. Attach the grant proposal.
 1v. Attach the grant proposal.
 1w. Attach the grant proposal.
 1x. Attach the grant proposal.
 1y. Attach the grant proposal.
 1z. Attach the grant proposal.

Details? All the Details are on Web!

- Browse All Grants

- Specific Grant Information

- Past Awardees



Can I Get a List? Lists on Summary Sheet!

- Lists all Grants

MET Awards, Grants, and Scholarships WINTER CYCLE (postmarked by November 3, 2017)
 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.

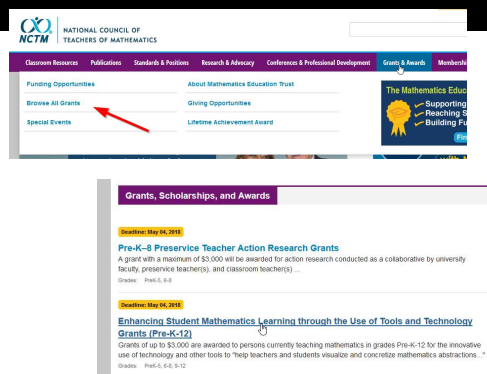
LEGEND: Grades Pre-K-5 • Grades 6-8 • Grades 9-12 • Prospective Teachers/Affiliates • Partial Grade Band

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 • 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.

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.

www.nctm/met



Summer Grants and Scholarships

Proposals Due
May 3, 2019



May 3, 2019

PreK-12 Teachers

**Enhancing Student Mathematics through the
Use of Tools and Technology Grants**

\$3,000

May 3, 2019

PreK-6 Teachers

**Program of Mathematics Study & Active
Professionalism Grants**

\$24,000

May 3, 2019

PreK-8 Teachers

Preservice Teacher Action Research Grants

\$3,000

Teacher K-8, Researcher, Pre-Service

May 3, 2019

**Prospective Middle School (6-8) Mathematics
Teacher Course Work**

\$3,000

**Prospective 7-12 Secondary Teacher Course
Work**

\$10,000

May 3, 2019

Grade 6-12 Teachers

**Professional Development Scholarship
Emphasizing the History of Mathematics**

\$3,000

May 3, 2019

PreK-12 Teachers

School In-Service Grants

\$4,000

Funding to Schools

Winter Grants, Scholarships & Awards

Proposals due
November 1, 2019



November 1, 2019

Grade 6-8 Teachers

Engaging Students in Learning Mathematics

\$3,000

November 1, 2019

Classroom Research (PreK – 6)
\$6,000

Classroom Research (Grade 7-12)
\$6,000


College Mathematics Educator & 1 (or more) Teachers

November 1, 2019

Grade 6-8 Teachers

Equity in Mathematics

\$8,000



November 1, 2019

PreK-5

Emerging Teacher-Leaders in Elementary School Mathematics

\$6,000

November 1, 2019

PreK-12 Teachers

Future Leaders Initial NCTM Annual Conference Attendance

\$1,500 + conference registration

November 1, 2019

PreK-8 Teachers

**Improving Students' Understanding of
Geometry (PreK-8)****\$4,000**

November 1, 2019

PreK-2 Teachers

Using Music to Teach Mathematics**\$3,000**

November 1, 2019

PreK-5, 6-8, 9-12 Teachers

Teacher Professional Development**\$3,000**

November 1, 2019

Prospective Teachers**Prospective Teacher NCTM Annual Conference
Attendance****\$1,200 + conference registration**

November 1, 2019

PreK-5 Teachers
Mathematics Course Work ScholarshipGrade 6 – 12 Teachers
Mathematics Graduate Course Work**\$3,200****NCTM Team Grant! Nov 2019****Dolciani Halloran
Elementary Mathematics
Enrichment Grants**Designing Innovative Lessons and
Activities
for Mathematics Teaching PreK-8**\$5,000 - \$15,000**NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

New NCTM Scholarship Grant!

Advanced Mathematics Education Course Work
Scholarship for Grades 9–12 Teachers

Supported by the Carol Edwards Fund & NCTM
\$3,000 for advanced course work in mathematics education
November 1, 2019

Affiliate Grants Overview

- **Partner Affiliate Grant: Kenneth B. Cummins Grant (\$3,500 maximum)**
 - The Kenneth B. Cummins Fund is the result of contributions initially donated to NCTM's Mathematics Education Trust (MET) by Dr. Cummins and the Ohio Council of Teachers of Mathematics. Dr. Cummins was an outstanding mathematics educator from Ohio, and the award is given for exceptional Partner Affiliate grant proposal.
- **Associate Affiliate Grant (\$2,500 maximum)**
 - The Mathematics Education Trust (MET) Associate Affiliate Grant is an award up to \$2,500 for an exceptional grant proposal.
- **Student Affiliate Grant (\$2,000 maximum)**
 - The Mathematics Education Trust (MET) Student Affiliate Grant is an award up to \$2,000 for an exceptional grant proposal

NCTM Joint Grants Nov. 2019

Teacher- Leader Professional Learning Grant

Joint NCTM & NCSM Grant November 2019
\$4,000

Fostering Support of Mathematics Learning in Multilingual Classrooms

Joint NCTM & TODOS Grant November 2019
\$4,000

NCTM Affiliate Grants June 2019
State/Associate/Student \$3,500 / \$2,500 / \$2,000



Affiliate Grants Purpose

The purpose of a MET-funded grant is to support efforts of the Affiliates to serve mathematics teachers by:

- **Building** membership and revenues
- **Promoting** *creative projects* that help make NCTM and its Affiliates be more visible to the public and educational partners or
- **Supporting** the strategic priorities of the National Council of Teachers of Mathematics.

NCTM Affiliate Grants

<http://www.nctm.org/Affiliates/Resources/MET-Grants-to-Affiliates/>

Deadline: By June 1 yearly

Partner Affiliate (Cummins)

\$3,500

Associate Affiliate

\$2,500

Student Affiliate

\$2,000



Lifetime Achievement Awards

- MET has selected Johnny Lott, Peg Smith, and Lee Stiff!
- The award honors NCTM members who have exhibited a lifetime of achievement in mathematics education at the national level.
- We celebrated the 2019 recipients at the Opening Session and with videos on the web.
- **2020 Nominations are due November 1, 2019**



Lifetime Achievement Award 2019

Johnny Lott, Peg Smith, and Lee Stiff

Lott, Smith, and Stiff will be recognized during the Opening Session of the [2019 NCTM Annual Meeting and Exposition](#) in San Diego. Following the Opening Session, MET will host a [MET Celebration in SoCal](#) to honor and celebrate the recipients.



Tips for Writing Successful Proposals for MET Grants

- 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.

Lifetime Achievement Award 2017 & 2018

Carole E. Greenes

2017 Lifetime Achievement Award Recipient
Carole E. Greenes has been a leader in the field of mathematics education for over 30 years. She has been a member of the NCTM Board of Directors and has served as the President of the NCTM. She has also been a member of the NCTM's Executive Committee and has been a member of the NCTM's Council on the Status of Women in Mathematics.



William R. Spear

2018 Lifetime Achievement Award Recipient
William R. Spear has been a leader in the field of mathematics education for over 30 years. He has been a member of the NCTM Board of Directors and has served as the President of the NCTM. He has also been a member of the NCTM's Executive Committee and has been a member of the NCTM's Council on the Status of Women in Mathematics.



Margaret J. (Peg) Kenney

2017 Lifetime Achievement Award Recipient
Margaret J. (Peg) Kenney has been a leader in the field of mathematics education for over 30 years. She has been a member of the NCTM Board of Directors and has served as the President of the NCTM. She has also been a member of the NCTM's Executive Committee and has been a member of the NCTM's Council on the Status of Women in Mathematics.



J. Michael Shaughnessy

2018 Lifetime Achievement Award Recipient
J. Michael Shaughnessy has been a leader in the field of mathematics education for over 30 years. He has been a member of the NCTM Board of Directors and has served as the President of the NCTM. He has also been a member of the NCTM's Executive Committee and has been a member of the NCTM's Council on the Status of Women in Mathematics.



Some More 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!

NCTM Grants Honor Our Leaders

- | | |
|--|-------------------------------------|
| ■ Edward G. Begle | ■ Julius H. Hlavaty |
| ■ Stanley J. Bezuska S.J. | ■ Ellen L. Hocking and Veryl Schult |
| ■ Edward J. Brennan | ■ Lola J. May and Shirley M. Frye |
| ■ Iris M. Carl | ■ Esther L. Mendlesohn |
| ■ Kenneth B. Cummins | ■ Clarence E. Olander |
| ■ Franklin D. Demana and Bert K. Waits | ■ Theoni Pappas |
| ■ Mary P. Dolciani | ■ Dale Seymour |
| ■ Ernest R. Duncan | ■ Edwin I. Stein |
| ■ Irene Etkowicz Eizen | ■ John Van de Walle |
| ■ E. Glenadine Gibb | ■ John and Stacey Wahl |
| ■ M. Kathleen (Kathy) Heid | |

Proposal Requirements

[Proposal Cover Form](#)

(Microsoft Word 2000 or higher required)

II. Proposal

(Two pages maximum) Plan. Describe the what, how, and why of the plan. Be as detailed as possible.

Proposal Requirements

III. Budget

Include an itemized, specific and **justified** budget (presented by line item in a table format).

IV. Outcome

Explain how you plan to assess the impact of the proposed plan on your professional growth and on your students' learning.

Final Grant Requirements

- ☐ Awardees will be required to submit a brief report (not to exceed two double-spaced pages) and an itemized report of expenses.
- ☐ Two-thirds of the approved budget, not to exceed \$2,000, will be paid at the beginning of the project. The remainder will be paid on receipt of a final report and verified expenses

Proposal Requirements

V. Background and Experience

(One page maximum; outline format preferred)

VI. Formal education

Indicate the institution, type of degree, major, minor, and date each degree was granted.



Remember Deadlines!

- Summer grants and scholarships: May 3, 2019
- Affiliate grants: June 1, 2019
- Winter grants, scholarships and Lifetime Achievement Award: November 1, 2019

Proposal Requirements

VIII. Teaching experience

Related to this grant proposal, indicate the school(s), teaching assignments, and other pertinent information, including continuing education and professional activities.

IX. Principal's Letter of Support

(One page maximum) Letter must be signed on school stationery, confirm the teaching status of the applicant, and indicate strong support for the proposal.

Final Thoughts

A 2-3 Brainstorm

What Grants Inspire You to Improve Mathematics Education?

What Questions Do You Have?

Take a Leap for Your State, Your Schools, and Yourself!

Information Is on the Web!

www.nctm.org/met

www.nctm.org/affiliates

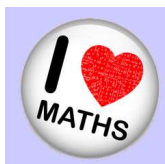


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www.nctm.org

MET is charged with raising money for grants, awards, and scholarships

- Donations accepted from Affiliates, individuals, and groups



Give Back to Mathematics - Join Us!

	A	B	C	D	E	F	G	H	I
1	The Mathematics Education Trust								
2									
3	1	Culture							
4	4	Giving	=						
5	2	Mathematics							
6									
7									
8									
9									



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