



MATHEMATICS  
EDUCATION TRUST

# 2019

## ANNUAL REPORT



*Supporting Teachers...  
Reaching Students...  
Building Futures*

[www.nctm.org/MET](http://www.nctm.org/MET)

# Building Futures

## *Purpose*

The Mathematics Education Trust (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.

MET provides funds to support classroom teachers in the areas of improving classroom practices and increasing teachers' mathematical knowledge. MET also sponsors activities for prospective teachers and NCTM's Affiliates, as well as recognizing the lifetime achievement of leaders in mathematics education



MET awardees and members of the MET Board of Trustees present at the San Diego Annual Meeting & Exposition (L to R): **Maria Surma**, **Ralph Connelly** (Trustee), **Maria Kruger**, **Suzanne Mitchell** (Trustee), **Katie Waddell**, **Shirleen Brown**, **Richard Seitz** (Trustee), **Danielle Maloney**, **Laurie Boswell** (Trustee), **Megan Kee**, **Katelyn Tomasello**, **M. Alejandra Sorto** (Trustee), **Jamie Wong**.

*This report covers the program year 2019:  
June 1, 2018, to May 31, 2019.*

## *NCTM Lifetime Achievement Awards*

These awards honor members of NCTM who have exhibited a lifetime of achievement in mathematics education at the national level. The awards were presented at the Opening Session of the NCTM Annual Meeting & Exposition in San Diego to the following NCTM members:

- ▶ **Margaret (Peg) Smith**, *Pittsburgh, Pennsylvania*
- ▶ **Johnny W. Lott**, *Oxford, Mississippi*
- ▶ **Lee V. Stiff**, *Raleigh, North Carolina*



NCTM was honored to have a number of Lifetime Achievement Award recipients in attendance at the MET Celebration Party in San Diego on April 3, 2019. Twelve are pictured above (L to R): **Carole E. Greenes** (2018), **M. Kathleen (Kathy) Heid** (2015), **Gary G. Bitter** (2006), **Johnny W. Lott** (2019), **Gail F. Burrill** (2012), **Judith T. Sowder** (2000), **Lee V. Stiff** (2019), **Margaret (Peg) Smith** (2019), **Edward A. Silver** (2009), **William R. Speer** (2018), **Francis (Skip) Fennell** (2012), **Zalman Usiskin** (2001)

# Building Futures

## *Improving Classroom Practices*

### Designing Innovative Lessons and Activities for Mathematics Teaching Grants



Supported by the Mary P. Dolciani Halloran Foundation and NCTM. Grants of \$5,000 awarded to support educator teams to create, develop, and disseminate K-8 mathematics enrichment activities for teachers and students. Successful grants can be renewed. Grants were awarded to the following educator teams:



➤ **Corinne E. Day**, *Montana State University-Billings*, collaborating with **Joshua A. Monson**, *Washington Elementary School, Billings, Montana*, and **Carly J. Texley**, *Miles Avenue Elementary School, Billings, Montana*



➤ **Maggie M. Hackett**, *Sunnyside USD, Tucson, Arizona*, collaborating with **Marcy B. Wood**, *University of Arizona, Tucson*



➤ **Jill Ekstrom**, *East Aurora School District 131, Aurora, Illinois*, collaborating with **Regina Rahn**, *Aurora University, Aurora, Illinois*

➤ **Sandra Vorensky**, *Metuchen School District, Metuchen, NJ*, collaborating with **Sean Powers**, *Carteret Public Schools, Carteret, New Jersey*

### Emerging Teacher-Leaders in Elementary School Mathematics Grants

Supported by the Irene Etkowicz Eizen Fund and NCTM. Grants of up to \$6,000 to increase the breadth and depth of the mathematics content knowledge of one elementary school teacher who has

a demonstrated commitment to mathematics teaching and learning. A grant was awarded to the following teacher:



➤ **Jennifer Ashmore**, *Miles Avenue Elementary School, Billings, Montana*

## Enhancing Student Mathematics Learning through the Use of Tools and Technology Grants

Supported by the Isabelle P. Rucker Fund and NCTM. Grants of up to \$3,000 to persons currently teaching mathematics in PK–12 for the innovative use of technology and other tools to “help teachers and students visualize and concretize mathematics abstractions.” Grants were awarded to the following teacher:

- **Rachael Green**, *Juliet West Middle School, Rockville, Maryland*



## Equity in Mathematics Grants

Supported by the Iris Carl Fund and NCTM. Grants of up to \$8,000 to classroom teachers currently working at grade level 6–12 for projects aimed at narrowing a documented local mathematics performance gap between groups of their students. A grant was awarded to the following teacher:

- **Jennifer Fleming**, *Monocacy Middle School, Frederick, Maryland*



## School In-Service Training Grants

Supported by the Clarence Olander Fund and NCTM. Grants of up to \$4,000 to schools for in-service education in mathematics. Grants were awarded to the following schools:

- **Woodgate Intermediate School**, *Waco, Texas (PK–5)*
- **Martin Luther King Jr. Middle School**, *Beltsville, Maryland (Grades 6–8)*

## Teacher-Leader Professional Learning Grant

Supported by the National Council of Supervisors of Mathematics and NCTM. A grant of up to \$4,000 to a PK–12 school to support professional learning for mathematics teachers and mathematics teacher-leaders. Plan must focus on formative assessment, digital learning, or access-equity-empowerment. A grant was awarded to the following school district:

- **Farmington Public Schools**, *Farmington, Michigan*

# Building Futures

## Research

### Classroom Research Grants

Grants of up to \$6,000 to support collaborative classroom-based action research in precollege mathematics education involving college or university mathematics educators.

Grants were awarded as follows:



**PK-6** (Supported by the Edward Begle Fund and NCTM):

- ▶ **Naomi Jessup**, *Georgia State University, Atlanta, collaborating with Latisha Jones, Midtown International School, Atlanta, Georgia*



**GRADES 7-12** (Supported by the E. Glenadine Gibb Fund and NCTM):

- ▶ **Robert Wieman**, *Rowan University, Glassboro, New Jersey, collaborating with Jessica Walker and Paul Albright, Williamstown High School, Williamstown, New Jersey, Jill Perry, Rowan University, and Lindsay Freedman, West Deptford High School, West Deptford, New Jersey*

### PK-8 Preservice Teacher Action Research Grants

Supported by the Ernest Duncan Fund and NCTM. A grant with a maximum of \$3,000 for action research conducted as a collaborative by university faculty, preservice teachers, and classroom teachers seeking to improve their understanding of mathematics in PK-8 classrooms.

A grant was awarded as follows:



- ▶ **Jennifer Bay-Williams**, *University of Louisville, Kentucky, collaborating with Molly Hall, University of Louisville/Wilkerson Elementary School, Louisville, Kentucky, and Alison Anderson, Wilkerson Elementary School, Louisville, Kentucky*

## *Increasing Teachers' Mathematical Knowledge*

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

Supported by the Carol A. Edwards Fund and NCTM. Awards scholarships of up to \$3,000 to current 9–12 teachers to provide financial professional learning support to improve competence in the teaching of mathematics by completing advanced course work in mathematics education. A scholarship was awarded to the following teacher:

- ▶ **Stephanie Worthington**, *James E. Taylor High School, Katy, Texas*



### **Mathematics Course Work Scholarships (PK–5) and Mathematics Graduate Course Work Scholarships (6–12)**

Supported by the Dale Seymour Fund and NCTM. Scholarships of up to \$3,200 for full-time classroom teachers working at the required grade level to pursue graduate courses to improve their mathematics content knowledge. Scholarships were awarded to the following teachers:

- ▶ **Patricia Manning**, *Austintown Elementary School, Austintown, Ohio (PK–5)*
- ▶ **Christopher Piasecki**, *Fairhaven Middle School, Bellingham, Washington (Grades 6–8)*
- ▶ **Liza Collins**, *Clover Hill High School, Midlothian, Virginia (Grades 9–12)*



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## Professional Development Scholarship Emphasizing History, Number Theory, or Discrete Mathematics

Supported by the Father Stanley J. Bezuszka/Margaret J. (Peg) Kenney Fund and NCTM. A scholarship of up to \$3,000 for an individual currently teaching at grades 6–12 level to (1) complete credited course work or design and implement a personal study plan in one of the following areas: some aspect of the history of mathematics, number theory, or discrete mathematics; (2) create and field-test appropriate classroom activities incorporating the history of mathematics, number theory, or discrete



mathematics into the curriculum; and (3) prepare and deliver a professional development presentation to colleagues. A scholarship was awarded to the following teacher:

- **Lauren Nowak**, *Leadership High School, San Francisco, California*

## Program of Mathematics Study and Active Professionalism Grants

Supported by the Lola J. May–Shirley M. Frye Fund. Program grants of up to \$24,000 for study plans for a one-year, two-year, or three-year program to classroom teachers, PK–6, seeking to improve their understanding and appreciation of mathematics by (1) completing course work in school mathematics content and pedagogy toward an advanced degree, and (2) taking an active professional approach toward teaching mathematics. Grants were awarded to the following teachers:



- **Shayna Kalnitsky**, *Killington Elementary School, Killington, Vermont*

- **Carrie DeNote**, *Brooksville Elementary School, Brooksville, Florida*





## Prospective Middle School Teacher Course Work Scholarships

Supported by the Edward J. Brennan Fund. Scholarships of up to \$3,000 to full-time college or university juniors who are pursuing career goals of becoming certified teachers of middle (grades 6–8) school mathematics. A scholarship was awarded to the following student:

- ▶ **Heather Graf**, *attending Idaho State University, Pocatello, Idaho*



## Prospective 7–12 Secondary Teacher Course Work Scholarships

Supported by the Texas Instruments Demana-Waits Fund. Scholarships of up to \$10,000 to full-time college or university sophomores who are pursuing career goals of becoming certified teachers of secondary (grades 7–12) school mathematics. A scholarship was awarded to the following student:

- ▶ **Laurence Bissett**, *attending The College of New Jersey, Ewing, New Jersey*



## Teacher Professional Development Grants

Supported by the John Van de Walle Fund. Grants of up to \$3,000 to PK–5 classroom teachers to improve their own professional competence as classroom teachers of mathematics. A grant was awarded to the following teacher:

- ▶ **Audra Brown**, *Spring Mountain Elementary School, Happy Valley, Oregon*



# Building Futures

## *NCTM Conference Attendance*



### **Future Leaders Initial NCTM Annual Meeting Attendance Awards**

Supported by the Edwin I. Stein Fund and NCTM. Makes funds available for travel, subsistence expenses, and substitute teacher costs to NCTM members who are mathematics teachers in PK-12 and have never attended an NCTM annual meeting. Amounts of up to \$1,500 (plus registration) were awarded to the following teachers to attend the 2019 Annual Meeting & Exposition in San Diego:



- ▶ **Shirleen Brown**, *Brooklyn Urban Garden Charter, Brooklyn, New York*
- ▶ **Danielle Moloney**, *Efland Cheeks Global Elementary School, Efland, North Carolina*



- ▶ **Lufei Lin**, *Mesquite Elementary School, Tucson, Arizona*
- ▶ **Maria Surma**, *Barker Middle School, Michigan City, Indiana*
- ▶ **Katie Waddell**, *Edinboro Elementary School, Edinboro, Pennsylvania*



## Prospective Teacher NCTM Conference Attendance Awards

Supported by the Julius H. Hlavaty Fund and NCTM. Makes funds available for travel and subsistence expenses to help support attendance at an NCTM annual meeting or regional conference by full-time undergraduate or graduate students who are NCTM student members and are preparing to teach mathematics in PK–12. Amounts of up to \$1,500 (plus registration) were awarded to the following students to attend the 2019 Annual Meeting & Exposition in San Diego:

- **Megan Kee**, *attending the University of Oxford, England*
- **Maria Kruger**, *attending Miami University, Oxford, Ohio*
- **Katelyn Tomasello**, *attending Santa Clara University, Santa Clara, California*
- **Jamie Wong**, *attending Baylor University, Waco, Texas*



## *Additional MET Initiatives*

### NCTM Affiliate Grants

Supported by the Kenneth B. Cummins Fund and NCTM. Three grants are available to NCTM Affiliates: The Kenneth B. Cummins Grant for Partner Affiliates (up to \$3,500), the Associate Affiliate Grant (up to \$2,500), and the Student Affiliate Grant (up to \$2,000). These grants are awarded to Affiliates in good standing to initiate professional activities or programs that might otherwise not be possible. The Membership and Affiliate Relations Committee (MARC) oversees the Affiliate grant process, and the following Affiliates were awarded the grants indicated below:

- **Students for the Improvement of Mathematics Education (Alabama)**, *Student Affiliate Grant in the amount of \$2,000*
- **Illinois Council of Teachers of Mathematics**, *Kenneth B. Cummins (Partner Affiliate) Grant in the amount of \$3,500*

# Thank You for Your Generous Support!

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*Thank you for your  
contribution to support  
teachers, reach students,  
and build futures.*

# Thank You for Your Generous Support!

Persons may establish awards in honor of individuals, contribute to existing named funds (see below), or make a donation to help support all MET programs. MET will consider new award programs that are offered for periods of 5, 10, 15, or 20 years.

## **Grants are awarded from funds named in honor of**

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Balance in fund as of May 31, 2019: \$2,624,292

Without contributions, we would not be able to award funds.

NCTM thanks attendees, volunteers, and the event sponsors, Forrest T. Jones & Company and Eureka Math, for their generous support of the Lifetime Achievement Award Celebration Party hosted by the Mathematics Education Trust on Wednesday, April 3, 2019.

### *A Note to Our Supporters*

We sincerely appreciate your generous contributions. As such, we want to recognize everyone with complete accuracy. If we have inadvertently made an error, please contact us at **703-620-9840 ext. 2112**, with concerns or corrections. Because of space limitations, only donors contributing \$50 and above are listed. Twenty-six donors contributed gifts in amounts less than \$50.

If you are a teacher, prospective teacher, or school administrator and want more information about MET scholarships, awards, and grants, please call us at **(703) 620-9840, ext. 2112**, e-mail us at **[METGrants@nctm.org](mailto:METGrants@nctm.org)**, or visit our website, **[www.nctm.org/met](http://www.nctm.org/met)**.

Please help us help teachers!

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Your online donations also are welcome at **[www.nctm.org/donate](http://www.nctm.org/donate)**.

Your gift, no matter its size, will help us reach our goal of providing a high-quality mathematics learning experience for all students.



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*The Mathematics Education Trust was established in 1976 by the National Council of Teachers of Mathematics (NCTM).*