



MATHEMATICS
EDUCATION TRUST

2018 Annual Report

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



This report covers the program year 2018: June 1, 2017, to May 31, 2018.

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 Washington, D.C. Annual Meeting & Exposition (L to R): **Ralph D. Connelly** (Trustee); **Richard Seitz** (Trustee); **Abby Jensen**, Fridley, Minnesota; **Stefanie R. Bordeaux**, Chapel Hill, North Carolina; **Jennifer N. Jones**, Greenville, North Carolina; **Maria T. Becht**, Tampa, Florida; **Niyah N. Henson**, College Park, Maryland; **Kelsey J. Williams**, Hudson, Massachusetts; **M. Alejandra Sorto** (Trustee); **Linda M. Fulmore** (Outgoing MET Board of Trustees Chairperson). Not pictured: **Alexander J. Noguera**, North Little Rock, Arkansas; **Renah Razzaq**, Worcester, Massachusetts.

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 Washington, D.C., to the following NCTM members:

- **Carole E. Greenes**, Phoenix, Arizona
- **William Renwick Speer**, Henderson, Nevada

NCTM was honored to have a number of Lifetime Achievement Award recipients in attendance at the MET Celebration Party in Washington, D.C. on April 25, 2018. Nine are pictured below (L to R): **Carole E. Greenes** (2018 recipient), **William R. Speer** (2018 recipient), **Gail F. Burrill** (2012 recipient), **Francis (Skip) Fennell** (2012 recipient), **Mary M. Lindquist** (2000 recipient), **M. Kathleen (Kathy) Heid** (2015 recipient), **Zalman Usiskin** (2001 recipient), **Gary G. Bitter** (2006 recipient), and **J. Michael Shaughnessy** (2017 recipient).



Improving Classroom Practices

Fostering Support of Mathematics Learning in Multilingual Classrooms Grant

Supported by TODOS: Mathematics for ALL and NCTM. A grant of up to \$4,000 to a pre-K–grade 12 school for in-service education to increase understanding and expertise in fostering support of multi-language development when teaching mathematics. A grant was awarded to the following school:

North Springfield Elementary School, Springfield, Virginia

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 pre-K–grade 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:

Riverton Elementary School, Huntsville, Alabama

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:

Pre-K–Grade 5: *The Children’s Lab School, Sunnyside, New York*

Grades 6–8: *Mill Valley Middle School, Mill Valley, California*

Grades 9–12: *Lakewood High School, Lakewood, California*

Improving Classroom Instruction

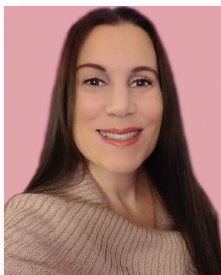
Designing Innovative Lessons and Activities for Mathematics Teaching Grants

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:



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

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



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 pre-K–grade 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 teachers:

Michelle R. Carpenter, *Myersville Elementary School, Myersville, Maryland*



(R) **Maggie L. McHugh**,
La Crosse Design Institute,
La Crosse, Wisconsin

Improving Students’ Understanding of Geometry Grants

Supported by the John & Stacey Wahl Fund. Grants of up to \$4,000 for full-time pre-K–grade 8 teachers to develop a project or activities that will enable students to gain a better appreciation and understanding of some aspect of geometry that is consistent with NCTM’s *Principles and Standards*. A grant was awarded to the following teacher:



Michael H. Nelson, *Dillard Elementary School, Wilton, California*

Improving Classroom Practices (continued)

Research

Pre-K–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, pre-service teacher(s), and classroom teacher(s) seeking to improve their understanding of mathematics in pre-K–grade 8 classroom(s). A grant was awarded as follows:

(R) **Kelley E. Buchheister**,
*University of Nebraska–
Lincoln*, collaborating with
Jenny L. Miller, *Ruth
Staples Child Development
Laboratory, Lincoln,
Nebraska*



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:



Pre-K–Grade 6 (Supported by the Edward Begle Fund and NCTM): (L) **Arthur B. Powell**, *Rutgers University–Newark*, collaborating with **Kendell V. Ali**, *Newark Public Schools, Newark, New Jersey*

7–12 Classroom Research Grants (Supported by the E. Glenadine Gibb Fund and NCTM): (R) **Ji-Won Son**, *University at Buffalo–The State University of New York*, collaborating with **Winston Martey**, *Christian Central Academy, Williamsville, New York*



Increasing Teachers' Mathematical Knowledge

Mathematics Course Work

Mathematics Graduate Course Work Scholarships

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:



Grades 6–8: **Kirsten M. Mackey**, *Sacred Heart Academy, Bryn Mawr, Pennsylvania*



Grades 9–12: **Alexandra B. Starke**, *Johnson High School, Gainesville, Georgia*

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:



KaraLeigh E. Kelley, *Hinsdale Adventist Academy, Hinsdale, Illinois*

Increasing Teachers' Mathematical Knowledge (continued)

Teacher Professional Development Grants

Supported by the Mary Dolciani Fund and NCTM. Grants of up to \$3,000 for classroom teachers currently working at the grades 6–8 level to improve their own professional competence as classroom teachers of mathematics. A grant was awarded to the following teacher:

Christine E. Thereault,
*Windsor Knolls Middle School,
Ijamsville, Maryland*



Program of Mathematics Study & 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, pre-K–grade 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. A grant was awarded to the following teacher:



Johanna L. Wilbur, *Montessori School of Northampton, Northampton, Massachusetts*

Prospective 7–12 Secondary Teacher Course Work Scholarships

Supported by the Texas Instruments Demana-Waits Fund. Awards 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:

Brennan Kastens, attending
*Eastern University, St. Davids,
Pennsylvania*



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 pre-K–grade 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 2018 Annual Meeting & Exposition in Washington, D.C.:



(L) **Stefanie R. Bordeaux**, *New Hope Elementary School, Chapel Hill, North Carolina*



(R) **Abby Jensen**, *R.L. Stevenson Elementary School, Fridley, Minnesota*

Alexander J. Noguero, *Sylvan Hills High School—Freshman Campus, North Little Rock, Arkansas*



(L) **Renah Razzaq**, *Doherty Memorial High School, Worcester, Massachusetts*



(R) **Kelsey J. Williams**, *C.A. Farley Elementary School, Hudson, Massachusetts*

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 students who are NCTM student members

Increasing Teachers' Mathematical Knowledge (continued)

and are preparing to be precollege mathematics teachers. Amounts of up to \$1,500 (plus registration) were awarded to the following students to attend the 2018 Annual Meeting and Exposition in Washington, D.C.:



(L) **Maria T. Becht**, attending the *University of South Florida, Tampa, Florida*



(R) **Niyah N. Henson**, attending the *University of Maryland, College Park, Maryland*



(L) **Jennifer N. Jones**, attending *East Carolina University, Greenville, North Carolina*

Additional MET Initiatives

NCTM Affiliate Grants

Supported by the Kenneth B. Cummins Fund and NCTM. Makes three grants 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:

Benjamin Banneker Association, Inc.: **Kenneth B. Cummins (Partner Affiliate) Grant** in the amount of \$3,385

National Council of Supervisors of Mathematics: **Kenneth B. Cummins (Partner Affiliate) Grant** in the amount of \$3,250

MET Acknowledges with Appreciation Gifts from the Following Contributors

June 1, 2017, to May 31, 2018

Grand Benefactor (\$1,000 or more)

Dave & Joanna Bock
Richard H. Bonney
Laurie Boswell
Richard G. Brown
Marilyn Burns
Judith A. Clark
Frederick Dillon
Roger H. Edwards & Family
Shirley Ann Hill
Timothy Kanold
Henry S. Kepner, Jr.
Sean Klunder
Johnny W. Lott
W. Gary Martin
National Council of Supervisors of
Mathematics
William R. Speer
TODOS: Mathematics for ALL
Jennifer Bay-Williams

Benefactor (\$500 to \$999)

David & Judith Abe
Elizabeth Todd Brown
Tom Butts
Randall Charles
Chip Day
Ceri B. Dean
Dan Dolan & Mari Muri
David Ellenbogen
Association of Teachers of Mathematics in
New England
Francis (Skip) Fennell
Gregory D. & Jolinda F. Foley
Shirley M. Frye
Kenneth K. Fujii
Jane D. Gawronski
Karen Karp
Clinton Kawanishi
Dan Kennedy
Steven Leinwand & Ann Lawrence

(Continued)

MET Acknowledges with Appreciation Gifts from the Following Contributors (continued)

Louisiana Association
of Teachers of
Mathematics
Suzanne Mitchell
Jack & Barbara Price
Nora Ramirez
Linda Silvey
M. Alejandra Sorto
Judith Sowder
Lee V. Stiff

Patron (\$250 to \$499)

Karen Ardner
Don Balka
Ralph D. Connelly
Juli K. Dixon
Alan G. Foster
Shelley Kriegler
Frank K. Lester, Jr.
Fred Longhart
Edward Nolan
Mary M. Sullivan
John A. Thorpe
Zalman Usiskin
Joan Vas

Sponsor (\$100 to \$249)

AmazonSmile
Foundation
Jerry P. Becker
Diane Briars
James V. Bruni
Frances & Benjamin
Burr
Anne Collins
Suzanne Damm
Barbara Dubitsky
Penelope Dunham
Kevin Dykema
David Ebert
Ellen M. Eisele
Elizabeth (Betty) M.
Erickson

Joan Eschner
John Gardner
Ann Garstang
Ruth Ann Gieser
Florence Glanfield
Peter Graube
Paul Gray
Greater Cleveland
Council of Teachers
of Mathematics (OH)
Leah Griffith
Linda Griffith
Susie Hakansson
Margaret Harrold
Louis G. Henkel
Megan Holmstrom
Teresa Huether
Margaret Raub Hunt
Illinois Council
of Teachers of
Mathematics
Yadong Jiang
James Kelly
Annette Kitagawa
Mike Koehler
Diane Lau
Katherine P. Layton
Gordon Markham
Barbara Mavro
Marie McKellar
Melfried Olson
Karen Millican
Eric Milou
Stuart J. Murphy
J. Patrick Naughton
Adrienne Patton
Mattye Pollard-Cole
Sandra M. Powers
Cecilia Riley
Barbara Rizer
Michal Robertson
Karen Rothschild
Melinda Rudibaugh
Don Ryoti

Patrick Scott
Filiberto
Santiago-Lizardi
J. Michael
Shaughnessy
Amy Whiteman
Sherrill
Lawrence Shirley
Edwin Sousa
Jean L. Sutherland
RB Thompson
Ronald & Barbara
Vavrinek
Thomas J. Walters
James Watson
Adelia Leann Wiggins
Trena Wilkerson
James W. Wilson
Kay Wohlhuter
Rose Mary Zbiek
Nihad A. Ziad

**Friend
(\$50 to \$99)**

Thomasekia Lott
Adams
Lynn Aring
Marshalyn Baker
Patricia Baltzley
Christine Bang
Sybilla Beckmann
Barbara Boschmans
Cynthia Bryant
Judy Curran Buck
Nancy & William
Campana
Gail Christianson
Richard & Ruth
Colwell
Deirdre Crescioli
Louis De Angelo
Roger Dirks
Wade Ellis
Frances Fenamore

Doris Gluck
Kathleen Goto
Denise I. Griffiths
Brenda W. Hicks
Roberta Israeloff
Elfreda Kallock
Gulden Karakok
Henry Kranendonk
Ken Krehbiel
James Krist
Gerald Leckrone
James Lightner
Annette Matsumoto
Bob McDonald
Anita J. Meiser
Mary Jane Mietlowski
Wendy Miller
Ann M. Perry
Jane Porath
Deborah Rebhuhn
Ralph & Arlene Reed
Gayle Rubenstein
James Rubillo
Jenny Salls
Barbara Scott
Judy Seymour
Denise Spangler
Bernard & Beverly
Stepnoski
Colleen Thrailkill
Stephenie Tidwell
Norman Webb
P. Holt Wilson
Karen Wingfield

In Honor of

Lisa Ashe
Daniel Brahier
Carol A. Edwards
Francis (Skip) Fennell
Prof. Dr. Betty Krist EdD
Joseph Reaper

(Continued)

MET Acknowledges with Appreciation Gifts from the Following Contributors (continued)

Leroy Sachs's 100th
Birthday
Denise Schultz
William R. Speer
Beverly Vance

In Memory of

Margaret J. (Peg)
Kenney
Edward G. Begle
Stanley J. Bezuska,
S.J.
Ron L. Brown
Charles Brumfield
Buddy
Leon and Nancy Cox
Jerry Cummins

Carol A. Edwards
Chuck Hamblet
Ann King Kehoe
Sandy Kerr
(Tallahassee, Florida)
Bill Medina
Christine O'Brien
Alan Osbourne
Rick Parris
Mary Beth Simmons
Eugene P. Smith
Marge Speer
Adrienne Squire
Rosemary Stastny
Bert K. Waits
John Van de Walle
Diana Worshtil
Lee Yunker

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

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. One hundred donors contributed gifts in amounts less than \$50.

Award Programs

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:

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

Mathematics Education Trust Board of Trustees

Richard Seitz, Helena, Montana, Chair, 2018–2019
Ralph D. Connelly, Fonthill, Ontario (Canada)
Suzanne Mitchell, Jacksonville, Arkansas
M. Alejandra Sorto, San Marcos, Texas
Ken Krehbiel, Washington, D.C.

Balance in fund as of May 31, 2018: \$2,483,997.

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

NCTM thanks attendees, volunteers, and the event sponsors, Texas Instruments and Forrest T. Jones & Company, for their generous support of the Lifetime Achievement Award Celebration Party hosted by the Mathematics Education Trust on Wednesday, April 25, 2018.

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 exec@nctm.org, or visit our website, www.nctm.org/met.

Please help us help teachers!

Send your tax-deductible gift to: MET, c/o NCTM, PO Box 75842, Baltimore, MD 21275-5842.

Your online donations also are welcome at 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.

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



MATHEMATICS
EDUCATION TRUST