



MATHEMATICS
EDUCATION TRUST

2016 Annual Report

SUPPORTING TEACHERS... REACHING STUDENTS... BUILDING FUTURES



This report covers the program year 2016: June 1, 2015, to May 31, 2016.

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 present at the San Francisco Annual Meeting & Exposition: **standing (L to R)** William C. Dutmer, Abigail Rose Gentry, Amanda Marie Dean, Maci Nelson, Donna M. Wommack, Grace Wiesner, Alexandra Otto, Diane M. Mayer, and Anna Feil. Members of the MET Board of Trustees present: **seated (L to R)** Fern Tribbey, Richard Seitz, and Linda Fulmore.*

NCTM was honored to have a number of Lifetime Achievement Award recipients in attendance at the MET wine tasting on Wednesday, April 13. Four are pictured below (from left to right): Jack Price (2003 recipient; accompanied by his wife, Barbara), Francis (Skip) Fennell (2012 recipient), Judith E. Jacobs (2007 recipient), and Gary G. Bitter (2006 recipient).



Improving Classroom Practices

EMERGING TEACHER LEADERS IN ELEMENTARY SCHOOL MATHEMATICS GRANTS (PRE-K–GRADE 5)

Supported by the Irene Etkowicz Eizen Fund and NCTM. Grants of up to \$6,000 to develop expertise in



specific mathematics content that is consistent with NCTM's *Principles and Standards for School Mathematics*. A grant was awarded to the following teacher:

Jennifer L. Domo, *Unioto Elementary School, Chillicothe, Ohio*

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: *Broadus Wood Elementary School, Earlysville, Virginia*

Grades 6–8: *Sunland Elementary School, Phoenix, Arizona*

Grades 9–12: *Kensington High School for the Creative & Performing Arts, Philadelphia, Pennsylvania*

Improving Classroom Instruction

ENGAGING STUDENTS IN LEARNING MATHEMATICS GRANTS

Supported by the Veryl Schult–Ellen Hocking Fund. Grants of up to \$3,000 for teachers in grades 6–8 to incorporate creative use of materials to actively engage students in tasks and experiences designed to deepen and connect their mathematics content knowledge. A grant was awarded to the following teacher:

Kathy Wahlstrom, *St. John II Catholic Academy, Dorchester, Massachusetts*

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:



(L) Jamie A. Hall, *Hopkinton High School, Hopkinton, Massachusetts*

Melissa A. Stirling, *Holland Hall, Tulsa, Oklahoma*

EQUITY IN MATHEMATICS GRANTS

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



Susan Rickey, *Scott Valley Junior High, Fort Jones, California*

IMPROVING STUDENTS' UNDERSTANDING OF GEOMETRY GRANTS

Supported by the John & Stacey Wahl Fund. Grants of up to \$3,000 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 the NCTM Principles and Standards. A grant was awarded to the following teacher:



Lynn Olsen, *John F. Kennedy Elementary School, Brewster, New York*

USING MUSIC TO TEACH MATHEMATICS GRANTS

Supported by the Esther Mendlesohn Fund and NCTM. Grants of up to \$3,000 to classroom teachers currently



working at the pre-K–grade 2 level for projects and activities that use music to teach mathematical skills and concepts. A grant was awarded to the following teacher:

Dawn Straith, *Hillel Day School, Farmington Hills, Michigan*

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. A grant was awarded as follows:



Pre-K–Grade 6 (Supported by the Edward Begle Fund and NCTM): Kim Van Duzer (pictured), *Public School 29, Brooklyn, New York*, collaborating with Peter Cipparone, *University of Michigan, Ann Arbor, Michigan*; Kate Abell, *NYC Department of Education, Brooklyn, New York*; and Hanna Haydar, *Brooklyn College, Brooklyn, New York*

PRE-K–GRADE 8 PRESERVICE TEACHER ACTION RESEARCH GRANTS

Supported by the Ernest Duncan Fund and NCTM. Grants of up to \$3,000 for action research to be conducted collaboratively by university faculty, one or more preservice teachers, and one or more classroom teachers, seeking to improve their understanding of mathematics in the pre-K–grade 8 classroom. A grant was awarded as follows:



Samuel Kifle Tsegai, *Winona State University, Winona, Minnesota* collaborating with John Czaplewski, *Winona State University*

Increasing Teachers' Mathematical Knowledge

TEACHER PROFESSIONAL DEVELOPMENT GRANTS

Grants of up to \$3,000 to classroom teachers currently working at the required grade level to improve their own professional competence as classroom teachers of mathematics. Grants were awarded to the following teachers:



(L) Grades 6–8 (Supported by the Mary Dolciani Fund and NCTM): Sandra Argüelles Daire, *Ada Merritt K–8 Center, Miami, Florida*



(R) Grades 9–12 (Supported by the Mary Dolciani Fund and NCTM): Elaine R. Dria, *Our Lady of the Elms, Akron, Ohio*

Mathematics Course Work

MATHEMATICS COURSE WORK SCHOLARSHIPS

Supported by the Dale Seymour Fund and NCTM. Scholarships of up to \$2,000 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:



(L) Grades 6–8: Jacklyn M. VanOoyik, *Mountain Ridge Middle School, Highlands Ranch, Colorado*



(R) Grades 9–12: Cara Ann O'Malley, *Niwot High School, Longmont, Colorado*

MATHEMATICS STUDY GRANTS

Supported by NCTM. Grants of up to \$6,000 to grades 6–8 classroom teachers who are seeking to improve their understanding of mathematics by completing course work in mathematics content. A grant was awarded to the following teacher:



Melissa Ann Tooley, Mountview Middle School, Holden, Massachusetts

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:

Kristen Lee Peters, Riverview Elementary School, Vancouver, Washington

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:



Kari Chambers, Shorter University, Rome, Georgia

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. Scholarships were awarded to the following students:



(L) William C. Dutmer, *University of Northern Colorado, Greeley, Colorado*



(R) Grace Wiesner, *Hope College, Holland, Michigan*

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 \$1,200 (plus registration) were awarded to the following teachers to attend the 2016 Annual Meeting and Exposition in San Francisco:



(Top L) Diane M. Mayer, *Lopez Island High School, Lopez Island, Washington*

(Top R) Alexandra Otto, *Kodiak Middle School, Kodiak, Alaska*



(L) Esther Y. Song, *Lindblom Math and Science Academy, Chicago, Illinois*



(L) Maci Nelson, *Washington Middle School, Seattle, Washington*



(R) Donna M. Wommack, *Genesee School, Genesee, Idaho*

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 and are preparing to be precollege mathematics teachers. Amounts of up to \$1,200 (plus registration) were awarded to the following students to attend the 2016 Annual Meeting and Exposition in San Francisco:



(L) Amanda Marie Dean, *Berry College, Mount Berry, Georgia*



(R) Anna Feil, *George Mason University, Fairfax, Virginia*



(L) Abigail Rose Gentry,
Colorado State University, Fort Collins, Colorado

Additional MET Initiatives

NCTM LIFETIME ACHIEVEMENT AWARDS

Honors members of NCTM who have exhibited a lifetime of achievement in mathematics education at the national level. Awards were presented to the following NCTM members:



Edwin Dickey



Barbara J. Reys

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 \$3,000), the Associate Affiliate Grant (up to \$2,000), and the Student Affiliate Grant (up to \$1,500). These grants are awarded to Affiliates in good standing to initiate professional activities or programs that might otherwise not be possible. The Affiliate Services Committee (ASC) oversees the Affiliate grant process, and the following Affiliates were awarded the grants indicated below:

Bowling Green State University Council of Teachers of Mathematics (Ohio), **Student Affiliate Grant** *in the amount of \$1,500*

California Mathematics Council, Central Section, **Associate Affiliates Grant** *in the amount of \$2,000*

Missouri Council of Teachers of Mathematics, **Kenneth B. Cummins (Partner Affiliate) Grant** *in the amount of \$3,000*

***MET Acknowledges with Appreciation
Gifts from the Following:***

June 1, 2015, to May 31, 2016

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

Because of space limitations, only donors contributing \$50 or more are listed. One hundred six 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:

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Balance in fund as of May 31, 2016: \$2,106,769.06.

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

NCTM thanks attendees, volunteers, Philip Uri Treisman, and the event sponsor, Forrest T. Jones & Company, for their generous support of the Mathematics Education Trust Wine Tasting on Wednesday, April 13, 2016.

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 Web site, www.nctm.org/met.

PLEASE HELP US HELP TEACHERS!

Send your tax-deductible gift to: MET, c/o NCTM, 1906 Association Drive, Reston, VA 20191-1502.

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).**



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