

**OHIO DEPARTMENT OF HIGHER EDUCATION
IMPROVING TEACHER QUALITY PROGRAM
AWARDS FOR FISCAL YEAR 2016**

Listed below are the 20 Improving Teacher Quality Program Awards for FFY-2016, indicating title of project, amount of award, name, address, phone number and e-mail address of project coordinator, grade level, and discipline (S = Science, M = Math).

16-01 Partnership to Improve Physics Instruction through Inquiry Based Learning

\$71,392.32

Nidaa Makki, Robert Mallik
The University of Akron
Curricular & Instructional Studies; Physics
302 Buchtel Commons
Akron, OH 44325
330-972-6955
nmakki@uakron.edu
7-12, S

16-05 ASSETS II: Advancing the Science Skills of Elementary Teachers and Students

\$100,582.56

Emilio Duran, Rafael Garcia-Mata
Bowling Green State University
School of Teaching and Learning
126 Life Science Building
Bowling Green, OH 43403
419-372-1262
eduran@bgsu.edu
3-5, S

16-07 STAMPS VII: Science Teaching Advancement through Modeling Physical Science

\$161,757.00

Tracy Huziak-Clark, John Laird
Bowling Green State University
School of Teaching and Learning
529 Education Building
Bowling Green, OH 43403
419-372-7363
thuziak@bgsu.edu
9-12, S

16-10 Physics by Inquiry for Grades K-6 Teachers

\$76,188.60

Kathleen Koenig
University of Cincinnati
Physics Department
417 Geo/Phys Building
Cincinnati, OH 45221
513-556-0507
kathy.koenig@uc.edu
K-6, S

16-11 Modeling Instruction for Grades 7-12 Teachers

\$75,643.20

Kathleen Koenig
University of Cincinnati
Physics Department
417 Geo/Phys Building
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513-556-0507
kathy.koenig@uc.edu
7-12, S

16-15 Engaging English Language Learners in STEM Classrooms

\$130,246.73

Joanne Caniglia
Kent State University
Teaching, Learning, and Curriculum Studies
White Hall, Room 401
Kent, OH 44242
330-672-0615
Jcanigl1@kent.edu
K-12, M/S

16-16 Earth System Science

\$109,881.03

Bridget Mulvey

Kent State University

Teaching, Learning & Curriculum Studies

P. O. Box 5190

Kent, OH 44242-0001

330-672-2580

bmulvey@kent.edu

6,8,11,12, S

16-20 SUNBEAMS (Students Understanding the Natural World by Broadening the Education and Applications of Math and Science)

\$133,855.20

Beth Clark-Thomas, Nancy Varian

Malone University

School of Education and Human Development

2600 Cleveland Avenue NW

Canton, OH 44709

330-471-8221

bcthomas@malone.edu

Pre-K and K, M/S

16-25 EiE-Ohio 3: Leadership for 21st Century STEAM Learners

\$145,288.00

Karen Irving, Kathy Malone

The Ohio State University

School of Teaching and Learning

333 Arps Hall, 1945 N. High Street

Columbus, OH 43210

614-292-1229

irving.8@osu.edu

K-8, S

16-18 Writing and Inquiry Stories to Explore Science II

\$96,558.48

Susan Hershberger

Miami University

Department of Chemistry and Biochemistry

160 Hughes Lab, 501 E. High St., Hughes 36

Oxford, OH 45056

513-529-4961

hershbss@miamioh.edu

6-9, S

16-24 Science Modeling Instruction in Central Ohio

\$151,050.96

Kathleen Harper, Ted Clark

The Ohio State University

College of Engineering

244 Hitchcock Hall, 2070 Neil Avenue

Columbus, OH 43210

614-688-7538

harper.217@osu.edu

9-12, S

16-27 Algebra Ready: Teaching Mathematics with Digital Content

\$147,400.00

Kui Xie, Hea-Jin Lee, Ivo Herzog, Nicole Luthy

The Ohio State University

Department of Learning Technologies

29 W. Woodruff Ave., 322A Ramseyer Hall

Columbus, OH 43210

614-292-4438

xie.359@osu.edu

7-8, M

16-30 Mathematical Modeling and Spatial Reasoning (Modspar)

\$185,142.00

Gregory Foley, Gaurav Sinha

Ohio University

Department of Teacher Education; Geography
S102 Lindely Hall

Athens, OH 45701-2979

740-593-4430

foleyg@ohio.edu

9-12, M

16-32 OP2: Operations Physics for Central Ohio Middle Grades Teachers

\$97,938.72

Wendy Sherman Heckler, David Robertson

Otterbein University

Office of Academic Affairs; Physics Department
1 South Grove Street

Westerville, OH 43081-2004

614-823-3395

wshermanheckler@otterbein.edu

4-9, S

16-33 Science by Inquiry: A Graduate Summer Institute for P-8 Teachers

\$111,091.00

David Todt

Shawnee State University

Department of Natural Science

128 Administration Building, 940 Second Street
Portsmouth, OH 45662

740-351-3175

dtodt@shawnee.edu

P-8, S

16-35 Making Connections: Preparing Teachers to Integrate STEM

\$89,584.00

Judy Lambert

The University of Toledo

Department of Curriculum and Instruction
2801 W. Bancroft St., Gillham Hall

Toledo, OH 43606

419-530-2064

judy.lambert@utoledo.edu

5-6, M/S

16-36 Project iG2: Interweaving GeoGebra with Differentiated Instructional Practices to Enhance Students' Knowledge and Skills

\$130,895.00

Sekhar Pindiprolu, Tod Shockey, Don White

The University of Toledo

Department of Mathematics and Statistics
2801 W. Bancroft St.

Toledo, OH 43606

419-530-2071

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7-12, M

16-39 Authentic In-Class Integration of Reasoning and Content Support for Teachers

\$118,079.00

Lisa Kenyon

Wright State University

Department of Biological Sciences

3640 Colonel Glenn Highway, 221A Bio-Sciences
Dayton, OH 45435

937-775-2534

lisa.kenyon@wright.edu

6-10, M/S

**16-40 Partners in Integrated Earth Systems
Science (PIES)**

\$78,340.00

Suzanne Lunsford, William Slattery

Wright State University

Department of Chemistry

3640 Colonel Glenn Highway

Dayton, OH 45435

937-775-2480

suzanne.lunsford@wright.edu

K-12, S

**16-42 Science Teaching for Ohio's New Economy
(STONE)**

\$62,989.00

William Slattery

Wright State University

Department of Earth and Environmental Sciences

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937-775-3441

william.slattery@wright.edu

K-12, S