

FOR IMMEDIATE RELEASE: THURSDAY, JANUARY 22, 2004

REGENTS RELEASE \$ 3.2 MILLION IN IMPROVING TEACHER QUALITY FUNDS

COLUMBUS, Ohio – The Ohio Board of Regents today approved the release of more than \$3.2 million in Improving Teacher Quality Program funds to support twenty-nine mathematics and sciences education improvement projects. The projects link eighteen of Ohio's colleges and universities with high-need school systems across the state in an effort to improve mathematics and science education.

Improving Teacher Quality Program projects are specifically designed to provide sustained, intensive, high-quality professional development opportunities for practicing elementary and secondary school teachers and administrators from high-need schools so they can in turn provide challenging learning experiences in science and mathematics for their students. Project activities must focus on the Ohio Academic Content Standards.

The typical funded project involves a summer program and follow-up activities during the ensuing academic year. Projects generally emphasize a hands-on, inquiry-based, problem-solving approach to teaching and learning science and mathematics. Projects bring teachers in contact with the latest advances in the field, and with fresh ideas for classroom activities.

The twenty-nine projects funded today will provide an opportunity for over 2,200 teachers across the state to get back into the college classroom, and will bring the expertise of Ohio's college faculty into the schools. Of the projects funded for this year, fifteen will focus specifically on science improvement, eight will focus specifically on mathematics improvement, and six will address both science and mathematics. The projects involve four private colleges, and ten state-assisted universities, including four regional campuses.

According to Dr. Russell Utgard, who assists the Board of Regents in administering the program, this year's competition for Improving Teacher Quality funds drew 53 proposals from 28 colleges and universities. Requests for funds totaled over \$6 million. A 18 member review panel of experts representing all levels of science and mathematics education rated and ranked the proposals, and made funding recommendations to the Board.

The Improving Teacher Quality Program, which is part of the No Child Left Behind Act of 2001, distributes federal funds to all 50 states to support activities designed to increase student achievement by elevating teacher quality. Each state's share of program funds is based on the number of school-aged children in the state.

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NOTE: A list of funded projects and project contacts is attached. Abstracts of specific projects will be faxed on request. For more information, contact Dr. Russell Utgard at rutgard@regents.state.oh.us or (614) 752-9541.

**OHIO BOARD OF REGENTS
IMPROVING TEACHER QUALITY PROGRAM
AWARDS FOR FISCAL YEAR 2003**

Listed below are the 29 Improving Teacher Quality Program Awards for FY-2003, indicating title of project, amount of award, name, address, phone number, and email address of project coordinator, grade level, and discipline (S = Science, M = Math). Awards are listed alphabetically by institution.

03-03 The Akron Global Polymer Academy Partnership

\$62,956.00
Dr. Katharine Owens
Dr. Frank Kelley
The University of Akron
Dept. of Curriculum and Instructional Services
Akron, OH 44325
Phone: (330) 972-7437
E-mail: kowens@uakron.edu
5-8, S

03-13 Physical Science by Inquiry Program for Teachers in Grades 5-12

\$77,112.00
Dr. Robert Endorf
University of Cincinnati
345 College Court, PO Box 210011
Cincinnati, OH 45221
Phone: (513) 556-0530
E-mail: Robert.endorf@uc.edu
5-12, S

03-05 Hands-on Science

\$67,504.00
Dr. Sajit Zachariah
Mr. Forrest Smith
The University of Akron
Dept. of Education & Biology
Akron, OH 44325
Phone: (330) 972-6662
E-mail: zac@uakron.edu
5-8, S

03-14 Physical Science by Inquiry Program for Teachers in Grades K-5

\$52,920.00
Dr. Robert Endorf
University of Cincinnati
345 College Court, PO Box 210011
Cincinnati, OH 45221
Phone: (513) 556-0530
E-mail: Robert.edorf@uc.edu
K-5, S

03-07 The Shape of the Data: A Mathematical Vision of the World

\$73,796.00
Dr. Barbara Moses
Ms. Debra Shelt
Bowling Green State University
450 Math Science Building
Bowling Green, OH 43403
Phone: (419) 372-7464
E-mail: bmoses@bgnet.bgsu.edu
4-12, M

03-15 Problem Solving and Critical Thinking with Discrete Mathematics, K-8

\$85,160.00
Dr. Atif Abueida
University of Dayton
300 College Park
Dayton, OH 45469
Phone: (937) 229-2687
E-mail: atif.abueida@notes.udayton.edu
K-8, M

03-08 Project ASTER III: Active Science Teaching Encourages Reform

\$86,678.00
Dr. Lena Ballone Duran
Bowling Green State University
122 Life Science Building
Bowling Green, OH 43403
Phone: (419) 372-9410
E-mail: ballone@bgnet.bgsu.edu
K-3, S

03-16 SOAR in Math and Science

\$74,975.00
Dr. Diana Hunn
University of Dayton
300 College Park
Dayton, OH 45469
Phone: (937) 229-3316
E-mail: Diana.hunn@notes.udayton.edu
4-9, M/S

03-19 Integrating Literature and Writing in the Elementary Mathematics Classroom

\$61,929.00

Ms. Linda Gojak

John Carroll University

20700 North Park Blvd.

University Heights, OH 44118

Phone: (216) 397-4574

E-mail: lgojak@jcu.edu

K-6, M

03-20 Conceptual Chemistry for Teachers of Grades 5-9

\$109,273.00

Dr. Doris Simonis

Dr. Christopher Fenk

Kent State University

PO Box 5190

Kent, OH 44242

Phone: (330)672-2580 or (330) 678-1487

E-mail: dsimonis@kent.edu or cfenk@tusc.kent.edu

5-9, S

03-21 OPERATION PHYSICS for Middle School Teachers

\$118,500.00

Dr. Doris Simonis

Dr. Stanley Christensen

Kent State University

404 White Hall

Kent, OH 44242

Phone: (330) 672-2580

E-mail: dsimonis@kent.edu or physprof@juno.com

4-9, S

03-24 Across the Curriculum Environmental Science to Attain Ohio Elementary School Academic Content Standards and Achievement Test Outcomes

\$166,437.00

Dr. Robert McWilliams

Dr. Richard Lee, Jr.

Miami University

114 Shideler Hall

Oxford, OH 45056

Phone: (513) 529-3216 or (513) 529-3100

E-mail: mcwillrg@muohio.edu or leere@muohio.edu

K-6, S

03-25 Reform that Works – Phase III

\$160,050.00

Dr. Terry McCollum

Dr. Christopher Myers, and Dr. R. Hays Cummins

Miami University

Discovery Center – Billings Hall

Oxford, OH 45056

Phone: (513) 529-1686

E-mail: mccolltl@muohio.edu, myersca@muohio.edu

K-12, M/S

03-26 Reaching Academic Mathematics Proficiency

\$122,266.00

Dr. Jeffery Wanko

Miami University

279 McGuffey Hall

Oxford, OH 45056

Phone: (513) 529-6457

E-mail: wankojj@muohio.edu

1-8, M

03-27 Advancing Ohio's Physical Science Proficiency II

\$249,965.00

Prof. Arlyn M. Sarquis

Miami University – Middletown

4200 E. University Blvd.

Middletown, OH 45042

Phone: (513) 727-3278

E-mail: sarquiam@muohio.edu

Pre K-12, S

03-29 Hands-on Geometry

\$90,246.00

Dr. Scott Sportsman

Dr. Shannon Driskell

College of Mount Saint Joseph

5701 Delhi Road

Cincinnati, OH 45233

Phone: (513) 244-4959

E-mail: scott_sportsman@mail.msje.edu

4-8, M

03-30 The Ohio State University Science and Mathematics Summer Institutes for Instructional Change

\$246,330.00

Dr. Douglas Owens

Dr. Stephen Pape

The Ohio State University

1945 N. High St., 333 Arps Hall

Columbus, OH 43210

Phone: (614) 292-8021

E-mail: owens.93@osu.edu or pape.12@osu.edu

5-12, M/S

03-32 Modeling Instruction for Physical Science in Ohio

\$57,466.00

Dr. Andrew Heckler

Dr. Kathleen Harper

The Ohio State University

1947 College Road, 425 Stillman Hall

Columbus, OH 43210

Phone: (614) 688-3048

E-mail: heckler@mps.ohio-state.edu

9, S

03-33 Change in Teaching: Integrated Teaching and Learning for Highly Skilled Qualified Mathematics Teachers

\$94,208.40

Dr. Hea-Jin Lee

The Ohio State University – Lima

4240 Campus Drive, Galvin Hall 410 F

Lima, OH 45804

Phone: (419) 995-8269

E-mail: lee.1129@osu.edu

4-6, M

03-35 Ohio Science Standards IMPACT – Grades K-8

\$74,838

Dr. Christopher Andersen

Dr. Gorden Aubrecht

The Ohio State University – Newark

1179 University Drive

Newark, OH 43055

Phone: (740) 366-9304

E-mail: Andersen.18@osu.edu

K-8, S

03-37 Connections in Math, Science, and Literature

\$121,200.00

Ms. Rena Allen

Ohio University – Southern

1804 Liberty Ave.

Ironton, OH 45638

Phone: (740) 533-4550

E-mail: allenr@ohio.edu

3-5, M/S

03-39 Improving Mathematics Performance in Rural Students

\$166,536.00

Ms. Nancy Pietras

Owens Community College

PO Box 10,000 – Oregon Rd.

Toledo, OH 43699

Phone: (419) 530-3147

E-mail: npietras@owens.edu

9-13, M

03-44 Distance Learning course in Earth Science and Space Science Concepts for In-Service Teachers

\$60,656.00

Dr. Alison Spongberg

Dr. Kevin Czajkowski

University of Toledo

2801 W. Bancroft Street, Mail Stop 604

Toledo, OH 43606

Phone: (419) 530-4091

E-mail: aspongb@utnet.utoledo.edu

6-12, S

03-45 DLAMST – Distance Learning Applications of Math and Science for Teachers

\$139,086.00

Dr. Mark Pickett

Dr. Isabel Escobar

University of Toledo

2801 West Bancroft Street

Toledo, OH 43606

Phone: (419) 530-8121

E-mail: mark.pickett@utoledo.edu

6-12, M/S

03-46 Summer Institute in Plant Science

\$63,814.00

Dr. Elliot Tramer

University of Toledo

2801 West Bancroft Street, MS 604

Toledo, OH 43606

Phone: (419) 530-2451

E-mail: elliott.tramer@utoledo.edu

K-12, S

03-48 Stark County Responds to Grades 3-5 Math CROSSROADS

\$212,596.00

Dr. Nancy Blackford

Dr. Kate Wiles

Walsh University

2020 Easton NW

North Canton, OH 44720

Phone: (330) 490-7106 or (330) 490-7376

E-mail: nblackford@walsh.edu or kwiles@walsh.edu

3-5, M

03-49 Partners in Integrated Earth Systems Science (PIES)

\$54,273.00

Dr. William Slattery

Wright State University

3640 Colonel Glenn Hwy., 260 Brehm Lab

Dayton, OH 45435

Phone: (937) 775-3455

E-mail: William.slattery@wright.edu

5-12, S

03-50 Mathematics & Physical Science Professional Development Project for Grades 7-11 Teachers

\$201,877.00

Dr. Beth Basista and Dr. Doug Petkie

Dr. Becky Krakowski

Wright State University / University of Dayton

248 Fawcett Hall

Dayton, OH 45435

Phone: (937) 775-2954

E-mail: beth.basista@wright.edu

Rebecca.krakowski@notes.udayton.edu

7-11, M/S

03-53 Inquiry Matters: Teaching Physical Science through Inquiry

\$87,936.00

Dr. Stacey Lowery Bretz

Dr. Sheri Lovelace-Cameron

Youngstown State University

One University Plaza

Youngstown, OH 44555

Phone: (330) 941-7112

E-mail: slbretz@ysu.edu

3-8, S