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FOR IMMEDIATE RELEASE – Jan. 18, 2007

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**REGENTS RELEASE \$2.8 MILLION
TO FUND 22 'IMPROVING TEACHER QUALITY' PROJECTS**

COLUMBUS, Ohio – The Ohio Board of Regents today approved the release of more than \$2.8 million in Improving Teacher Quality Program funds to support 22 mathematics and science education improvement projects across the state.

The projects link 15 of Ohio's colleges and universities with high-need school systems 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 22 projects funded today will provide an opportunity for more than 2,400 teachers across the state to participate in programs that bring the expertise of Ohio's college faculty into the schools. Of the projects funded for this year, 13 will focus specifically on science improvement, five will focus specifically on mathematics improvements and four will address both science and mathematics. The projects involve two private colleges and eleven state-assisted universities, including two regional campuses.

This year's competition for Improving Teacher Quality Program funds drew 47 proposals from 22 colleges and universities. Requests for funds totaled nearly \$7 million. A 17-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.

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The Improving Teacher Quality State Grants 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.

The Ohio Board of Regents is the coordinating body for higher education in the state. Created in 1963 by the General Assembly, the 11-member public board has a direct, non-governing relationship with all of Ohio's colleges and universities.

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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 2006**

Listed below are the 22 Improving Teacher Quality Program Awards for FY-2006, 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). Awards are listed alphabetically by institution.

**06-01 The Akron Global Polymer Academy
Science Partnership**

\$66,634.00
Dr. Katharine D. Owens
Dr. Carin Helfer
The University of Akron
130 Zook Hall
Akron, OH 44325-4205
(330) 982-7437
kowens@uakron.edu
chelfer@uakron.edu
4-5, S

**06-12 Physical Science by Inquiry Program
for Teachers in Grades K-5**

\$70,140.00
Dr. Robert J. Endorf
University of Cincinnati
345 College Court
P.O. Box 210011
Cincinnati, OH 45221-0011
(513) 556-0530
Robert.Endorf@uc.edu
K-5, S

**06-08 Research-based Inquiry Physics
Experiences (RIPE)**

\$133,549.00
Dr. Tracy Huziak-Clark
Bowling Green State University
126 Life Science Bldg.
Bowling Green, OH 43403
(419) 372-7363
thuziak@bgsu.edu
PK-3, S

06-13 Urban Stream Scholars

\$74,962.00
Dr. B. Michael Walton
Dr. Robert Ferguson
Cleveland State University
2121 Euclid Avenue
KB 1100
Cleveland, OH 44115
(216) 687-4890
b.walton@csuohio.edu
r.l.ferguson1@csuohio.edu
9-12, M/S

**06-11 Physical Science by Inquiry Program
for Teachers in Grades 5-12**

\$102,380.00
Dr. Robert J. Endorf
University of Cincinnati
345 College Court
P.O. Box 210011
Cincinnati, OH 45221-0011
(513) 556-0530
Robert.Endorf@uc.edu
5-12, S

**06-14 Making the Nature of Science and
Scientific Inquiry Explicit Components of the
K-3 Classroom**

\$85,760.00
Dr. Scott Sowell
Dr. David Ball
Cleveland State University
2121 Euclid Avenue
RT 1319
Cleveland, OH 44115
(216) 523-7119
s.sowell@csuohio.edu
d.ball@csuohio.edu
K-3, S

**06-16 Problem Solving and Critical Thinking
with Discrete Mathematics, K-8**

\$91,447.00

Dr. Atif Abueida
University of Dayton
300 College Park
Dayton, OH 45469-2316
(937) 229-2687

Atif.Abueida@notes.udayton.edu

K-8, M

**06-17 Project SOAR in Mathematics and
Science**

\$109,342.00

Dr. Diana M. Hunn
Dr. Janet M. Herrelko
University of Dayton
300 College Park
Dayton, OH 45469-0525
(937) 229-3422

diana.hunn@notes.udayton.edu

janet.herrelko@notes.udayton.edu

4-9, M/S

06-18 Science in the Schoolyard

\$77,004.00

Dr. Roxanne Sorrick
Hiram College
P.O. Box 67
Hiram, OH 44234
(330) 569-5273

sorrickr@hiram.edu

PK-6, S

**06-20 Conceptual Chemistry for Teachers of
Grades 4-9**

\$137,092.00

Dr. Christopher Fenk
Dr. Claudia Khourey-Bowers
Kent State University
P.O. Box 5190
Kent, OH 44242-0001
(330) 308-7467

cfenk@kent.edu

cmkhoure@kent.edu

4-9, S

**06-21 Akron Mathematics Academy (AMA)
Grades 3-8 Teachers Investigative**

Mathematics

\$113,071.00

Dr. Genevieve Davis
Dr. Judith Melillo
Kent State University
404 White Hall
P.O. Box 5190
Kent, OH 44242-0001
(330) 672-2580

gdavis@kent.edu

jmelillo@kent.edu

3-8, M

**6-22 OPERATION PHYSICS for Middle
School Teachers**

\$133,270.00

Dr. Wendy Sherman, Dr. Stanley Christensen
Kent State University
P.O. Box 5190
Kent, OH 44242-0001
(330) 672-0614

wshermal@kent.edu

schrist1@kent.edu

4-9, S

**06-25 Advancing Ohio's Physical Science
Proficiency V**

\$299,970.00

Prof. Arlyne M Sarquis
Ms. Lynn Hogue
Miami University/Middletown
4200 East University Blvd
Middletown, OH 45042
(513) 727-3278

sarquiam@muohio.edu

hoguelm@muohio.edu

PK-12, S

**06-28 iDiscovery: Sustaining Professional
Development Through Web-Based Learning
Communities**

\$294,637.00

Dr. Terry McCollum, Dr. Christopher Myers,
Dr. R. Hays Cummins
Miami University
The Discovery Center
McGuffey Hall Room 408
Oxford, OH 45056
(513) 529-1686

mccollt1@muohio.edu

myersca@muohio.edu

K-12, M/S

06-29 Across the Curriculum Environmental Science to Attain Ohio Elementary School Academic Content Standards and Achievement Test Outcomes

\$219,841.00
Dr. Richard E. Lee Jr.,
Dr. Robert G. McWilliams
Miami University
212 Pearson Hall
Department of Zoology
Oxford, OH 45056
(513) 529-3141
leere@muohio.edu
mcwillrg@muohio.edu
K-6, S

06-33 Modeling Instruction for Physical Science and Chemistry in Ohio

\$142,550.00
Dr. Kathleen Harper, Dr. Andrew Heckler
The Ohio State University
1040 Physics Research Building
191 West Woodruff Avenue
Columbus, OH 43210
(614) 292-1525
harper.217@osu.edu
heckler.6@osu.edu
9-12, S

06-35 Grade 7-8 Math Teaching & Learning Collaborative (Grade 7-8 Math TLC)

\$138,360.00
Ms. Rena Allen
Ohio University-Southern
1804 Liberty Avenue
Ironton, OH 45638
(740) 533-4550
allenr@ohio.edu
7-8, M

06-36 Better Mathematics through Literacy

\$103,825.00
Dr. Timothy McKeny, Ms. Carolyn R. Ervin,
Ms. Lisa Baker
Ohio University
McCracken Hall 344
1 University Drive
Athens, OH 45701
(740) 593-0160
ervinc@ohio.edu
mckeney@ohio.edu
9-12, S

06-39 K-5 Algebraic Thinking Initiative

\$82,878.00
Dr. Debra Johanning, Dr. William B. Weber Jr.
The University of Toledo
3320 Snyder Memorial
Toledo, OH 43606
(419) 530-5275
debra.johanning@utoledo.edu
william.weber@utoledo.edu
K-5, M

06-44 Partners In Integrated Earth Systems Science (PIES)

\$65,317.00
Dr. Suzanne Lunsford
Wright State University
3640 Colonel Glenn Highway
Dayton, OH 45435
(937) 775-2855
suzanne.lunsford@wright.edu
6-12, S

06-45 Life Science, Physical Science & Mathematics Professional Development Project

\$202,655.00
Dr. Jim Tomlin, Dr. Beth Basista,
Dr. Lisa Kenyon, Dr. Becky Krakowski
Wright State University/University of Dayton
219 Allyn Hall
Dayton, OH 45435
(937) 775-4951
james.tomlin@wright.edu
beth.basista@wright.edu
lisa.kenyon@wright.edu
Rebecca.Krakowski@notes.udayton.edu
6-11, M/S

06-47 Using Inquiry to Teach Physical and Life Science for Ohio Educators

\$77,470.00
Dr. Sherri Lovelace-Cameron, Dr. Jill Gifford
Youngstown State University
One University Plaza
Youngstown, OH 44555
(330) 941-1997
srlovela@cc.ysu.edu
jmtall@ysu.edu
6-12, S