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**FOR IMMEDIATE RELEASE – Thurs., Jan. 27, 2005**

Contacts: Jamie Abel, Assistant Director of Communications  
614-644-1988, [jabel@regents.state.oh.us](mailto:jabel@regents.state.oh.us)  
Bret Crow, Assistant Director of Communications  
614-752-9480, [bcrow@regents.state.oh.us](mailto:bcrow@regents.state.oh.us)

**OHIO BOARD OF REGENTS RELEASE \$2.6 MILLION  
TO FUND 20 'IMPROVING TEACHER QUALITY' PROJECTS**

**COLUMBUS, Ohio** – The Ohio Board of Regents today approved the release of more than \$2.6 million in Improving Teacher Quality Program funds to support 20 mathematics and science education improvement projects across the state.

The projects link 14 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 20 projects funded today will provide an opportunity for more than 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, 12 will focus specifically on science improvement, four will focus specifically on mathematics improvements and four will address both science and mathematics. The projects involve four private colleges and eight state-assisted universities, including three regional campuses.

This year's competition for Improving Teacher Quality Program funds drew 53 proposals from 28 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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## **IMPROVING TEACHER QUALITY/2**

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](mailto:rutgard@regents.state.oh.us) or (614) 752-9541.

## **IMPROVING TEACHER QUALITY/3**

### **OHIO BOARD OF REGENTS IMPROVING TEACHER QUALITY PROGRAM AWARDS FOR FISCAL YEAR 2004**

Listed below are the 20 Improving Teacher Quality Program Awards from FY-2004, 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.

#### **04-03 The Akron Global Polymer Academy Science Partnership**

\$63,798.00  
Dr. Katharine D. Owens  
Dr. Frank Kelley  
The University of Akron  
Department of Curricular and  
Instructional Services  
Akron, OH 44325-4205  
Phone: (330) 972-7437  
E-mail: kowens@uakron.edu  
5-8, S

#### **04-04 Hands-on Science**

\$100,130.00  
Dr. Sajit Zachariah  
Mr. Forrest Smith  
The University of Akron  
Zook Hall 210  
Akron, OH 44325-4208  
Phone: (330) 972-6662  
E-mail: zac@uakron.edu  
5-8, S

#### **04-05 SIMI+ (Summer Institute for Math Instruction)**

\$79,058.00  
Dr. Julia Beyeler  
Dr. Sajit Zachariah  
University of Akron – Wayne College  
1901 Smucker Road  
Orrville, OH 44667-9758  
Phone: (330) 684-8940  
E-mail: juliabeyeler@uakron.edu  
5-8, M

#### **04-08 Physical Science by Inquiry Program for Teachers in Grades 5-12**

\$90,736.00  
Dr. Robert J. Endorf  
University of Cincinnati  
400 Geology/Physics Building  
P.O. Box 210011  
Cincinnati, OH 45221-0011  
Phone: (513) 556-0530  
E-mail: Robert.Endorf@uc.edu  
5-12, S

#### **04-09 Physical Science by Inquiry for Teachers in Grades K-5**

\$61,985.00  
Dr. Robert J. Endorf  
University of Cincinnati  
400 Geology/Physics Building  
P.O. Box 210011  
Cincinnati, OH 45221-0011  
Phone: (513) 556-0530  
E-mail: Robert.Endorf@uc.edu  
K-5, S

#### **04-12 Problem Solving and Critical Thinking with Discrete Mathematics, K-12**

\$183,931.00  
Dr. Atif Abueida  
University of Dayton  
300 College Park  
Dayton, OH 45469-2316  
Phone: (937) 229-2687  
E-mail: Atif.Abueida@notes.udayton.edu  
K-12, M

## **IMPROVING TEACHER QUALITY/4**

### **04-16 OPERATION PHYSICS for Middle School Teachers**

\$124,775.00  
Dr. Wendy Sherman  
Dr. Stanley Christensen  
Kent State University  
P.O. Box 5190  
Kent, OH 44242-0001  
Phone: (330) 672-0614  
Phone: (330) 673-2831  
E-mail: wsherma1@kent.edu  
4-9, S

### **04-18 Conceptual Chemistry for Teachers**

\$116,320.00  
Dr. Christopher Fenk  
Dr. Claudia Khourey-Bowers  
Kent State University  
P.O. Box 5190  
Kent, OH 44242-0001  
Phone: (330) 308-7467  
Phone: (330) 449-9600  
E-mail: cfenk@kent.edu  
4-9, S

### **04-22 iDiscovery: Sustaining Professional Development Through Web-Based Learning Communities**

\$203,429.00  
Dr. Terry McCollum  
Dr. Chris Myers  
Dr. R. Hays Cummins  
Miami University  
Discovery Center, Billings Hall  
Miami, OH 45056  
Phone: (513) 529-1686  
E-mail: mccolltl@muohio.edu  
K-12, M&S

### **04-23 Across the Curriculum Environmental Science to Attain Ohio Elementary School Academic Content Standards and Achievement Test Outcomes**

\$181,089.00  
Dr. Richard E. Lee, Jr.  
Dr. Robert G. McWilliams  
Miami University  
Department of Geology  
Oxford, OH 45056  
Phone: (513) 529-3141  
Phone: (513) 529-3216  
E-mail: leere@muohio.edu; mcwillrg@muohio.edu  
K-6, S

### **04-24 Advancing Ohio's Physical Science Proficiency III**

\$249,947.00  
Prof. Arlyne M. Sarquis  
Miami University - Middletown  
4200 East University Blvd.  
Middletown, OH 45042  
Phone: (513) 727-3278  
E-mail: sarquiam@muohio.edu  
PK-12, S

### **04-26 Science Stars: Strategic Teamwork Achieves Real Success**

\$63,800.00  
Dr. Linda Ingling Rogness  
Muskingum College  
163 Stormont Street  
New Concord, OH 43762  
Phone: (740) 826-8038  
E-mail: lrogness@muskingum.edu  
4-12, S

### **04-29 Modeling Instruction for Physical Science in Ohio**

\$57,324.00  
Dr. Andrew Heckler  
Dr. Kathleen Harper  
The Ohio State University  
College of Mathematical & Physical Sciences  
425 Stillman Hall  
1947 College Road  
Columbus, OH 43210  
Phone: (614) 688-3048  
E-mail: heckler@mps.ohio-state.edu  
9 & 12, S

### **04-30 Enhancing Science and Mathematics Instruction and Learning with Electronic Support (eSMILES)**

\$219,897.00  
Dr. Margaret Kasten  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210  
Phone: (614) 247-6342  
E-mail: pkasten@ohiorc.org  
7-10, M&S

## **IMPROVING TEACHER QUALITY/5**

### **04-34 CGI in CPS**

\$216,362.00

Dr. Jeffrey Smith

Dr. Karen Robinson

Otterbein College

One Otterbein College

Westerville, OH 43081

Phone: (614) 823-1623

E-mail: [jsmith@otterbein.edu](mailto:jsmith@otterbein.edu)

K-3, M

### **04-45 Mathematics and Physical Science Professional Development Project for Grades 7-11 Teachers**

\$154,238.00

Dr. Beth Basista

Dr. Becky Krakowski

Dr. Todd Smith

Wright State University & University of Dayton

3640 Colonel Glenn Hwy.

Dayton, OH 45435

Phone: (937) 775-2954

E-mail: [beth.basista@wright.edu](mailto:beth.basista@wright.edu)

7-11, M&S

### **04-39 MSAT-DL, Math and Science Activities for Teachers via Distance Learning**

\$144,063.00

Dr. Mark A. Pickett

Dr. Isabel Escobar

University of Toledo

2801 West Bancroft Street

Toledo, OH 43606

Phone: (419) 530-8121

E-mail: [mark.pickett@utoledo.edu](mailto:mark.pickett@utoledo.edu)

6-12, M&S

### **04-49 Inquiring Minds: Teaching Physical Science by Inquiry**

\$54,108.00

Dr. Sherri Lovelace-Cameron

Youngstown State University

One University Plaza

Youngstown, OH 44555

Phone: (330) 941-1977

E-mail: [srlovela@cc.ysu.edu](mailto:srlovela@cc.ysu.edu)

3-8, S

### **04-42 Stark County Responds to a Grades K-5 Math CROSSROADS, Year 2**

\$246,969.00

Dr. Nancy Blackford

Dr. Kate Wiles

Walsh University

2020 East Maple, NW

North Canton, OH 44720

Phone: (330) 490-7106

Phone: (330) 490-7376

E-mail: [nblackford@walsh.edu](mailto:nblackford@walsh.edu)

E-mail: [kwiles@walsh.edu](mailto:kwiles@walsh.edu)

K-5, M

### **04-43 Partners in Integrated Earth Systems Science (PIES)**

\$52,721.00

Dr. William Slattery

Wright State University

260 Brehm Lab

3640 Colonel Glenn Hwy.

Dayton, OH 45435

Phone: (937) 775-3455

E-mail: [william.slattery@wright.edu](mailto:william.slattery@wright.edu)

6-12, S