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FOR IMMEDIATE RELEASE – Thurs., Jan. 19, 2006

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**OHIO BOARD OF REGENTS RELEASE \$3.2 MILLION
TO FUND 26 'IMPROVING TEACHER QUALITY' PROJECTS**

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 26 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 26 projects funded today will provide an opportunity for more than 2,500 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, 14 will focus specifically on science improvement, three will focus specifically on mathematics improvements and nine will address both science and mathematics. The projects involve five private colleges and nine state-assisted universities, including two regional campuses.

This year's competition for Improving Teacher Quality Program funds drew 50 proposals from 22 colleges and universities. Requests for funds totaled more than \$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 2005**

Listed below are the 26 Improving Teacher Quality Program Awards for FY-2005, 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.

05-02 The Institute for Developing K-12 Teachers' Scientific Ways of Knowing

\$43,731.00

Dr. Sufian Forawi
The University of Akron
276 Buchtel Common
Akron, OH 44325-4205
Phone: (330) 972-8538
E-mail: sufian@uakron.edu
K-12, S

05-12 Project SOAR in Mathematics and Science

\$95,629.00

Dr. Janet M. Herrelko
University of Dayton
300 College Park
Dayton, OH 45469-0525
Phone: (937) 229-3037
E-mail: janet.herrelko@udayton.edu
4-9, M/S

05-03 The Akron Global Polymer Academy Science Partnership

\$74,850.00

Dr. Katharine D. Owens
Dr. Carin A. Helfer
The University of Akron
130 Zook Hall
Akron, OH 44325-4205
Phone: (330) 972-7437
Email: kowens@uakron.edu
3-5, S

05-14 Conceptual Chemistry for Teachers of Grades 3-8

\$132,351.00

Dr. Claudia Kourey-Bowers
Dr. Christopher Fenk
Kent State University
P. O. Box 5190
Kent, OH 44242-0001
Phone: (330) 224-3422
E-mail: cmkhoure@kent.edu
3-8, S

05-08 Physical Science by Inquiry Program for Teachers in Grades 5-12

\$96,573.00

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

05-15 OPERATION PHYSICS for Middle School Teachers

\$128,414.00

Dr. Wendy Sherman
Dr. Stanley Christensen
Kent State University
PO Box 5190; 404 White Hall
Kent, OH 44242-0001
Phone: (330) 672-0614, (330) 673-2831
E-mail: wshermal@kent.edu
physprof@juno.edu
4-9, S

05-09 Physical Science by Inquiry Program for Teachers in Grades K-5

\$66,185.00

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

05-16 Excellence in Mathematics Teaching

\$155,390.00

Dr. Laura Little
Marietta College
215 Fifth Street
Marietta, OH 45750
Phone: (740) 376-4815
E-mail: Laura.Little@marietta.edu
PK-7, M

05-17 Across the Curriculum Environmental Science to Attain Ohio Elementary School Academic Content Standards and Achievement Test Outcomes

\$218,761.00
Dr. Richard E. Lee
Dr. Robert G. McWilliams
Miami University
Departments of Zoology and Geology
Oxford, OH 45056
Phone: (513) 529-3216 & (513) 529-3141
E-mail: leere@muohio.edu,
mcwillrg@muohio.edu
K-6, S

05-18 iDiscovery: Sustaining Professional Development Through Web-Based Learning Communities

\$248,777.00
Dr. Terry McCollum
Dr. Chris Myers
Dr. R. Hayes Cummins
Miami University
Discovery Center, Billings Hall
Oxford, OH 45056
Phone: (513) 529-1686
E-mail: mcollt1@muohio.edu
myersca@muohio.edu
cumminrh@muohio.edu
K-12, M/S

05-19 From Misconceptions to Illumination: Using Plants to Support Biological Education

\$150,000.00
Lynn Hogue
Miami University - Middletown
4200 East University Blvd
Middletown, OH 45042
Phone: (513) 727-3421
E-mail: hoguelm@muohio.edu
6-12, S

05-20 Advancing Ohio's Physical Science Proficiency IV

\$249,970.00
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

05-21 Perry County Mathematics Collaborative

\$101,494.00
Dr. Bonnie Beach
Ohio Dominican University
1216 Sunbury Road
Columbus, OH 43219-2099
Phone: (614) 251-4625
E-mail: BeachB@Ohiodominican.edu
4-9, M

05-22 Modeling Instruction for Physical Science in Ohio

\$61,206.00
Dr. Kathleen Harper
Dr. Andrew Heckler
The Ohio State University
191 W. Woodruff Avenue
Columbus, Ohio 43210
Phone: (614) 292-1525
E-mail: harper.217@osu.edu
9-12, S

05-23 enhancing Science and Mathematics Instruction and Learning with Electronic Support (eSMILES)

\$220,335.00
Dr. Margaret Kasten
The Ohio State University
1960 Kenny Road
Columbus, OH 43210
Phone: (614) 274-6342
E-mail: pkasten@ohiorc.org
7-10, M/S

05-28 OSU Early Childhood Science and Mathematics Institute for Improving Instructional Practice

\$93,132.00

Dr. Douglas T. Owens
Dr. Kathy Cabe Trundle
The Ohio State University
1960 Kenny Road
Columbus, OH 43210
Phone: (614) 292-8021
(614) 292-5820
E-mail: owens.93@osu.edu
trundle.1@osu.edu

PK-3, M/S

05-31 Connections in Math, Science & Literature

\$112,748.00

Rena Allen
Ohio University – Southern
105 Research & Technology Center
Athens, OH 45701-2979
Phone: (740) 533-4550
E-mail: allenr@ohio.edu
3-4, M/S

05-32 CGI – Infusion in CPS

\$114,621.00

Dr. Jeffrey Smith
Dr. Karen Robinson
Otterbein College
One Otterbein College
Westerville, OH 43081
Phone: (614) 823-1623
E-mail: jsmith@otterbein.edu
4-5, M

05-33 Assessing for Student Learning

\$121,100.00

Dr. Barbara Hatfield
University of Rio Grande
218 North College Avenue
Rio Grande, OH 45674
Phone: (740) 245-7183
E-mail: hatfield@rio.edu
7-10, M/S

05-34 SATELLITES: Using Geospatial Technology to Teach Science in Cleveland Municipal Schools

\$57,821.00

Dr. Kevin Czajkowski
Dr. Judy Lambert
The University of Toledo
2801 W. Bancroft Street
Toledo, OH 43606
Phone: (419) 530-4274
E-mail: kczejko@utnet.utoledo.edu
6-12, S

05-36 IMAGINE

\$157,058.00

Dr. Emilio Duran
Dr. Charlene Czerniak
Dr. Robert Crissman
The University of Toledo
2801 W. Bancroft Street
Toledo, OH 43606
Phone: (419) 530-8453
(419) 530-2094
E-mail: emilio.duran@utoledo.edu
Charlene.Czerniak@utoledo.edu
6-12, S

05-40 Teacher's Applying Math and Science via Distance Learning (TAMS_DL)

\$122,373.00

Dr. Mark Pickett
Dr. Isabel Escobar
The University of Toledo
2801 W. Bancroft Street
Toledo, OH 43606-3390
Phone: (419) 530-8121
E-mail: mark.pickett@utoledo.edu
6-12, M/S

05-41 A River Runs Through it: Exploring Science Integration through Discovery

\$77,808.00

Dr. Charles J. Rop
The University of Toledo
2801 W. Bancroft Street
Toledo, OH 43606
Phone: (419) 530-2887
E-mail: Charles.Rop@utoledo.edu
PK-12, M/S

05-45 Life Science, Mathematics, and Physical Science Professional Development Project for Grades 6-11 Teachers

\$201,938.00

Dr. Lisa Kenyon

Dr. Beth Basista

Dr. Jim Tomlin

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: lisa.kenyon@wright.edu

6-11, M/S

05-46 Partners In Integrated Earth Systems Science (PIES)

\$63,806.00

Dr. Suzanne Lunsford

Wright State University

3640 Colonel Glenn Hwy

Dayton, OH 45435

Phone: (937) 775-2855

E-mail: suzanne.lunsford@wright.edu

6-12, S

05-50 Using Inquiry to Teach Physical Science for Ohio Educators

\$71,788.00

Dr. Sherri Lovelace-Cameron

Dr. William Sturuss

Youngstown State University

One University Plaza

Youngstown, OH 44555

Phone: (330) 941-1997

E-mail: srlovela@cc.ysu.edu

3-9, S