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 form 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

03-05 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

03-07 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

03-08 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

03-13 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

03-14 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

03-15 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

03-16 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.msj.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: elliot.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
Dr. Doug Petkie, and Dr. Becky Krakowski
Wright State University
248 Fawcett Hall
Dayton, OH 45435
Phone: (937) 775-2954
E-mail: beth.basista@wright.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