

STEM Math/Science Teacher Recruitment and Preparation Funding Sources

Alliances for Broadening Participation in STEM,
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf08545&org=NSF,
Program Announcements & Information, Subtype : Education

Department of Education, Institute of Education Sciences,
<http://www.ed.gov/about/offices/list/ies/index.html?src=oc>
The Institute of Education Sciences is the research arm of the Department of Education. Its mission is to expand knowledge and provide information on the condition of education, practices that improve academic achievement, and the effectiveness of Federal and other education programs. Its goal is the transformation of education into an evidence-based field in which decision makers routinely seek out the best available research and data before adopting programs or practices that will affect significant numbers of students. Areas of interest include: Mathematics and Science Education Research and Teacher Quality in Mathematics and Science Education Research.

Letter of Intent Due Date(s) (optional): April 14, 2006

Full Proposal Deadline(s) (due by 5 p.m. submitter's local time): May 17, 2006

Directorate for Education and Human Resources/NSF, Math and Science Partnership Program (MSP), Joyce Evans, Program Director, jevans@nsf.gov, Past Deadlines: 5/17/2006,
<http://www.nsf.gov/pubs/2006/nsf06539/nsf06539.htm>

This program is a major research and development effort that supports innovative partnerships to improve K-12 student achievement in mathematics and science. Projects are expected to both raise the achievement levels of all students and significantly reduce achievement gaps in the mathematics and science performance of diverse student populations. Successful projects serve as models that can be widely replicated in educational practice to improve the mathematics and science achievement of all the Nation's students. The sponsor seeks to support three types of projects: Institute Partnerships – Teacher Institutes for the 21st Century; and a focused set of Research, Evaluation and Technical Assistance (RETA) projects that directly support the work of the Institutes.

Full Proposal Deadline Date: April 30, 2008

Directorate for Engineering/NSF, Engineering Education Programs, Susan C. Kemnitzer, skemnitz@nsf.gov, http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13374, Past Deadlines: 8/15/2006

The sponsor provides funding for research that contributes to the basic understanding of how students learn engineering.

Current Closing Date for Applications: Apr 11, 2008

Program Number: 68590, Directorate for Education and Human Resources/NSF, Information Technology Experiences for Students and Teachers (ITEST)--Comprehensive Projects for Students and Teachers (EHR--ESIE), Contact: Julia V. Clark, 703-292-5119, Past Deadlines: 2/15/2008, jclark@nsf.gov, Deadline Note: The deadline for letters of intent is

February 15, 2008. If invited, full proposals for Innovation through Institutional Integration (I3) are due by April 10, 2008 and April 11, 2008 for ITEST,

<http://www.nsf.gov/pubs/2008/nsf08526/nsf08526.htm>, <http://www07.grants.gov/search/search.do;jsessionid=HzFKhpwh81fslFtK1Fv2gN12ht9vPC2GPCvpJvTjG8J72zG7STY5!-1595930184?oppId=16362&flag2006=true&mode=VIEW>

SYNOPSIS: The sponsor provides funding for projects designed to increase the opportunities for students and teachers to learn about, experience, and use information technologies within the context of science, technology, engineering, and mathematics (STEM), including Information Technology (IT) courses.

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time): May 08, 2008

Program Number: 68588, Directorate for Education and Human Resources/NSF, Information Technology Experiences for Students and Teachers (ITEST)--Youth-Based Projects (EHR--ESIE), Contact: Sylvia James, Program Director, 703-292-5333, sjames@nsf.gov, Past Deadline: 1/4/2008, <http://www.nsf.gov/pubs/2007/nsf07514/nsf07514.htm>,

SYNOPSIS: The sponsor provides funding for projects designed to increase the opportunities for students and teachers to learn about, experience, and use information technologies within the context of science, technology, engineering, and mathematics (STEM), including information technology courses (IT).

Summer Grant Cycle

Grant Application Due: June 1st

Fall Grant Cycle

Grant Application Due: March 15th

Braitmayer Foundation, Contact: Sabina Taj, Advisor, 11900 Blue February Way, Columbia, MD, 21044, 410-730-3723, <http://www.braitmayerfoundation.org/guid.htm>, Past Deadline(s): 6/1/2007, 11/15/2007, Deadline Note: Applications for the summer grant cycle must be received by June 1, 2007. For the fall grant cycle, applications must be received by November 15, 2007.

SYNOPSIS: The sponsor provides support for organizations and programs from across the United States which enhance the education of K-12 children. The sponsor also provides support for activities for the Marion, Massachusetts area and surrounding communities. Objectives: The sponsor is interested in K-12 education throughout the United States. Of particular interest are: curricular and school reform initiatives; and preparation of and professional development opportunities for teachers, particularly those which encourage people of high ability and diverse background to enter and remain in K-12 teaching. In addition, the sponsor provides modest support of activities in Marion, Massachusetts and surrounding communities which will improve the quality of life for residents in the area. Eligibility: Organizations must have proof of 501 (c)(3) status or other tax-exempt ruling letter.

Coca-Cola Foundation, Grants Administration, P.O. Box 1734, Atlanta, GA, 30301, 404-676-2568, http://www2.coca-cola.com/citizenship/foundation_guidelines.html, Deadline Open: Yes (* See Restrictions for details), Deadline Note: The sponsor's Board of Directors review funding recommendations in quarterly meetings.

SYNOPSIS: The sponsor supports educational programs primarily within three main areas: higher education, classroom teaching and learning, and international education. Programs support scholarships for aspiring students; encourage and motivate young people to stay in school; and foster cultural understanding. **Objectives:** The sponsor devotes much of its efforts to partnership in three main areas: Higher Education--pipeline programs connecting various levels of education that encourage students to stay in school and to proceed with confidence to college and perhaps graduate school; scholarship programs in support of graduate and undergraduate students; and minority advancement in the form of scholarships, urban programs and cultural diversity programs. Classroom Teaching and Learning--innovative K-12 public school programs; teacher development programs; and smaller projects dealing with specific activities in the elementary and secondary classroom. Global Education--global exchange programs which encourage international studies, global understanding, or student faculty exchange; and programs outside the United States promoting education. **Eligibility:** Applicants must have tax-exempt status under Section 501(c)(3) of the Internal Revenue Code, or the equivalent. Eligible applicants are colleges and universities, elementary and secondary school teachers, teacher-training programs, educational programs for minority students, and global educational programs.

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time): January 19, 2009

Discovery Research K-12, Directorate for Education and Human Resources/NSF, Division of Research on Learning in Formal and Informal Settings, 4201 Wilson Boulevard, Room 885S, Arlington, VA, 22230, 703-292-8620, DRLDRK12@nsf.gov , Past Deadline: 1/28/2008, <http://www.nsf.gov/pubs/2008/nsf08502/nsf08502.htm>,

<http://www07.grants.gov/search/search.do?oppId=15734&flag2006=true&mode=VIEW>

SYNOPSIS: The sponsor provides funding to enable significant advances in K-12 student and teacher learning of the STEM disciplines through research about, and development and implementation of, innovative resources, models, and technologies for use by students, teachers, and policy makers. **Objectives:** The goal of the DR-K12 program is to enable significant advances in K-12 student and teacher learning of the STEM disciplines through the development and study of resources, models, and technologies. All activities funded under this solicitation must begin with a research question or hypothesis about K-12 STEM learning and teaching. Projects to develop or adapt innovative resources, models, or technologies, and demonstrate if, how, for whom, and why their implementation affects learning, are welcome. In addition, DR-K12 accepts proposals for research projects that study the implementation, role and impact of particular resources, models, and technologies on learning, with the goal of informing future design and implementation. The program supports full research and development projects, exploratory projects, synthesis projects, conferences and workshops. A DR--K12 Resource Network will also be funded. In DR-K12, resources include instructional materials (such as curriculum modules, replacement units, or supplementary materials) and instructionally related materials (such as web-based materials or videos). Models comprise curricular frameworks, curricular learning progressions, teacher education or professional development program design frameworks, standards, and other guides for learning and teaching. Technologies include various, possibly yet unimagined, innovative learning opportunities such as computer software, calculator activities, labware, web-based experiences, on-line gaming initiatives or portable digital media activities. **Eligibility:** Eligible applicants include colleges and universities, nonprofit, non-academic organizations, for-profit organizations, state and local governments, and unaffiliated individuals.

RGK Foundation Grants Program, 1301 W. 25th Street, Suite 300, Austin, TX, 78705-4236, 512-474-9298, <http://www.rgkfoundation.org/guidelines.php>, Deadline Open: Yes (* See Restrictions for details), Deadline Note: There is no deadline for submitting an electronic Letter of Inquiry. The Foundation reviews electronic Letters of Inquiry on an ongoing basis. Selected applicants will be invited to submit a full proposal.

SYNOPSIS: The sponsor supports innovative projects, without geographical limitations, in the areas of Education, Community, and Medicine/Health. Objectives: The sponsor awards grants in the broad areas of Education, Community, and Medicine/Health. EDUCATION--The sponsor's primary interests include programs that focus on formal K-12 education (particularly mathematics, science and reading), integrating technology into curriculum, teacher development, literacy, and higher education. The Foundation is also interested in programs that attract female and minority students into the fields of mathematics, science, and technology. COMMUNITY--The sponsor supports a broad range of human services, community improvement, abuse prevention, and youth development programs. Human service programs of particular interest to the sponsor include children and family services, early childhood development, and parenting education. The sponsor supports a variety of Community Improvement programs including those that enhance non-profit management and promote philanthropy and voluntarism. Youth development programs supported by the sponsor typically include after-school educational enrichment programs that supplement and enhance formal education systems to increase the chances for successful outcomes in school and life. The sponsor is also interested in programs that attract female and minority students into the fields of mathematics, science, and technology. The Foundation does not make grants or loans to individuals. Funding: While the sponsor occasionally awards grants for operating expenses, capital campaigns, endowments, and international projects, such grants are infrequent and usually initiated by the sponsor. Multi-year grants are extremely rare. The sponsor anticipates that most grants will be under \$25,000. (edl)

Toyota USA Foundation Grants Program, Contact: Foundation Administrator, 9 West 57th Street, Suite 4900, New York, NY, 10019, 212-715-7486, Deadline Open: Yes, <http://www.toyota.com/about/community/fundguidelines/index.html>

Scholarships

Toyota has long supported a wide variety of scholarship programs, many of which focus on minority and disadvantaged students. We firmly believe in supporting those in pursuit of higher learning to help individuals achieve their full potential.

http://www.toyota.com/about/our_commitment/philanthropy/education/grants/toyota-tapestry.html

Toyota TAPESTRY

Administered by the National Science Teachers Association, Toyota TAPESTRY is the largest K-12 science grant program of its kind in the United States. Each year, the program awards 50 large grants of up to \$10,000 each and at least 20 mini-grants of up to \$2,500 each—an annual total of \$550,000. Over the past 16 years, Toyota TAPESTRY has awarded more than \$7 million in grants to 826 teams of teachers.

Grants are awarded for innovative classroom projects in the fields of environmental education, physical science, literacy and science education.

http://www.toyota.com/about/our_commitment/philanthropy/education/grants/international-teacher.html

SYNOPSIS: Support is provided to U.S. tax-exempt organizations, including colleges and universities, to improve the quality of K-12 education, with a primary interest in mathematics and science. **Objectives:** The sponsor is committed to improving the quality of K-12 education by supporting innovative programs that improve the teaching and learning of mathematics and science. Education is the focus of Toyota's giving, with emphasis on primary and secondary schooling. In addition to funding national programs, the sponsor supports the social well-being of communities where it has major operations (California, Indiana, Kentucky, Michigan, New York and West Virginia). This includes assistance for Arts & Culture and Civic & Community Development. **Eligibility:** Applying organizations must: be located within and serve the people of the United States; have tax-exempt status; and be financially sound. **Funding:** The sponsor prefers to support programs, rather than sponsor events.

Program Number: 92728, Institute of Education Sciences/Department of Education, Early Childhood Programs and Policies (Early Childhood) Research Program, Contact: Dr. Caroline Ebanks, 202-219-1410, Caroline.Ebanks@ed.gov, <http://ies.ed.gov/funding>, <http://ies.ed.gov/funding/pdf/2008305.pdf>, Past Deadlines: 5/24/2007, 9/6/2007, Deadline Note: The sponsor encourages, but does not require, applicants to submit letters of intent. The deadlines for letters of intent are May 24, 2007 for the summer competition and September 6, 2007 for the fall competition. Applications must be submitted by July 26, 2007 for the summer competition or November 1, 2007 for the fall competition.

SYNOPSIS: Under the Early Childhood program, the Institute intends to support the development and validation of assessments of school readiness, pre-reading, pre-writing, early mathematics, early science, and social skills. Such assessments could be used to monitor progress in these domains and/or for purposes of screening for school readiness. Applications that would be appropriate for consideration include, but are not limited to: (a) proposals to develop new assessments that teachers could use to inform classroom instruction; (b) proposals to modify or adapt existing assessments so that teachers can use them to inform daily or weekly instructional plans for specific students; and (c) proposals to adapt assessments originally designed and used for research purposes for broader use in instructional settings.

Current Closing Date for Applications: Apr 10, 2008 Program Number: 72754, Directorate for Education and Human Resources/NSF, Robert Noyce Teacher Scholarship Program, Contact: Joan Prival, Lead Program Director, 703-292-4635, jprival@nsf.gov, Past Deadlines: 2/28/2008, 4/9/2008, 4/10/2008, Deadline Note: The February 28, 2008 deadline refers to optional letters of intent. Full proposals will be due by April 9, 2008 and April 10, 2008 for Innovation through Institutional Integration (I3), <http://www.nsf.gov/pubs/2008/nsf08532/nsf08532.htm>, <http://www07.grants.gov/search/search.do;jsessionid=HGvYdchhNG1CQbhGTmw28R999nG1HmWYpkXJkRXDDZW3pPyG7DF1!-2028024484?oppId=16450&flag2006=true&mode=VIEW>.

SYNOPSIS: The sponsor seeks to encourage talented science, technology, engineering, and mathematics majors and professionals to become K-12 mathematics and science teachers. The program provides funds to institutions of higher education to support scholarships, stipends, and programs for students who commit to teaching in high need K-12 schools. It is anticipated that

thirteen to eighteen awards (ten to twelve Phase I and three to six Phase II) up to \$750,000 will be available.

Good ideas but unknown or past the Date

Posted Date: Apr 03, 2007

Full Proposal Deadline(s): July 02, 2007

NSF GRADUATE TEACHING FELLOWS IN K-12 EDUCATION (GK-12), Directorate for Education and Human Resources/NSF, Contact: Dr. Sonia Ortega, Program Director, Division of Graduate Education, 4201 Wilson Boulevard, Room 875S, Arlington, VA, 22230, 703-292-8697, sortega@nsf.gov, Past Deadline: 5/16/2007, Deadline Note: The May 16, 2007 deadline applies to a required letter of intent. Full proposals are due on July 2, 2007, <http://www.nsf.gov/pubs/2007/nsf07555/nsf07555.htm>, <http://www.grants.gov/search/search.do?oppId=13347&mode=VIEW>.

SYNOPSIS: This program provides funding to graduate students in NSF-supported science, technology, engineering and mathematics (STEM) disciplines to acquire additional skills that will broadly prepare them for professional and scientific careers in the 21st century. Objectives:

Applications Available: May 14, 2007.

Deadline for Transmittal of Applications: June 13, 2007.

Fund for the Improvement of Postsecondary Education--Comprehensive Program, Office of Postsecondary Education/Department of Education, Contact: Levenia Ishmell, 1990 K Street, NW, Room 6147, Washington, DC, 20006-8544, 202-502-7668, Levenia.Ishmell@ed.gov, <http://a257.g.akamaitech.net/7/257/2422/01jan20071800/edocket.access.gpo.gov/2007/07-2341.htm>, Past Deadline: 6/13/2007

SYNOPSIS: The sponsor provides support for grants and cooperative agreements to improve postsecondary education opportunities. It supports reforms, innovations, and improvements of postsecondary education that respond to problems of national significance serve as national models. The sponsor estimates that sixteen to twenty awards will be made. Objectives: The sponsor provides support for grants and cooperative agreements to improve postsecondary education opportunities. The sponsor is particularly interested in applications that meet one or more of the following priorities: --Projects encouraging higher levels of access, persistence, and completion of graduation requirements for higher education. --Projects aligning curriculum on a state or multi-state level between high schools and colleges, and between two-year and four-year postsecondary programs, to ensure continuing academic progress and transferability of credits. --Projects improving the mathematics and science proficiency of postsecondary students including preservice math and science teachers. --Projects to enable postsecondary students, including preservice teachers, to achieve proficiency or advanced proficiency or postsecondary institutions to develop programs in one or more of the less commonly taught languages: Arabic, Chinese, Korean, Japanese, Russian, and languages in the Indic, Iranian, and Turkic language families. --Projects designed to disseminate successful strategies to achieve the goals of any of the above invitational priorities serving postsecondary education. Eligibility: Eligible applicants are institutions of higher education or combinations of those institutions and other public and private nonprofit institutions and agencies. Funding: The sponsor estimates that \$3,400,000 will be available in funding to

support approximately sixteen to twenty awards for a project period of up to thirty-six months. Applications submitted in response to this announcement must be submitted electronically through Grants.gov. Awards are estimated to range from \$100,000 to \$275,000, with the estimated average of \$160,000 per year. SOURCE: Federal Register (05/14/07), Vol. 72, No. 92, pp. 27098-27103; Grants.gov (05/14/07). (kww)

Program Number: 86599, California State University, Chico, Research Experiences in Mathematics for Undergraduates and Teachers, Contact: Sergei Fomin, REU Director, 530-898-5274, SFomin@CSUChico.edu, <http://www.csuchico.edu/math/REUT.shtml>, Deadlines: 3/1/2008

SYNOPSIS: The REU/RET in mathematics at California State University, Chico targets secondary teachers with a strong interest in mathematics or statistics and undergraduate students who have completed their junior year. For six weeks of each summer, eight participants, including two teachers, will work in two research teams on problems selected from the following mathematical fields: Number Theory, Mathematical Modeling and Math Education. Depending on the field, projects may be appropriate for students from scientific disciplines other than mathematics. The program will run from June 30 through August 8, 2008.

Directorate for Education and Human Resources/NSF, Instructional Materials Development (IMD), Dr. John Bradley, Section Head, jbradley@nsf.gov, Deadlines: 11/14/2005, 3/13/2006, <http://www.nsf.gov/pubs/2005/nsf05612/nsf05612.htm>

The sponsor provides support to enhance science, technology, and mathematics (STM) content knowledge, as well as the thinking skills and problem solving abilities, of all students, pre-Kindergarten through grade 12 (preK-12), regardless of background, ability, or plans for future education. It is anticipated that \$7.0 million will be available to fund fifteen to eighteen awards.

AT&T Foundation, Laura Sanford, President, 175 E. Houston Street, PO Box 2933, San Antonio, TX, 78299-2933, Deadline Open: Yes, <http://www.att.com/gen/corporate-citizenship?pid=7742>,

SYNOPSIS: The sponsor supports K-12 and higher education. Accredited public and private elementary and secondary schools, accredited public and private two- and four-year institutions of higher education, and educational nonprofit organizations are eligible for consideration.

Objectives: The sponsor supports initiatives that help students (especially nontraditional and underserved students) successfully complete high school and/or prepare for and gain access to college and successfully complete college; integrate technology into K-16 instruction and administration; develop community and civic leadership capacity; and encourage higher education technology-workforce development in areas such as computer science, information technology, math, science and engineering. Funding priorities are: educational programs that develop community and civic leadership capacity; programs that help students successfully complete high school and/or prepare for and gain access to college (especially nontraditional and underserved students); programs that help students successfully complete college (especially nontraditional and underserved students); technology integration into K-16 instruction and administration; and higher education technology workforce development (e.g. Computer Science, Information Technology, Math, Science & Engineering). Eligibility: The sponsor prefers to work with 501(c)(3) public charity or government instrumentalities that have clearly stated objectives, long-range planning, active participation of the governing board and strategies that incorporate diversified sources of support. The sponsor also considers grants to organizations that qualify as government

instrumentalities, including public libraries, police and fire departments and publicly funded social services agencies.

LETTER OF INTENT RECEIPT DATE: May 24, 2007 and September 6, 2007

APPLICATION DEADLINE DATE: July 26, 2007 and November 1, 2007

Teacher Quality: Mathematics and Science Education, Institute of Education

Sciences/Department of Education, Contact: Harold Himmelfarb, 555 New Jersey Avenue, NW, Washington, DC, 20208, 202-219-2031, harold.himmelfarb@ed.gov,

http://ies.ed.gov/funding/doc/2008305.doc#PII_TQ5, Past Deadline(s): 5/24/2007, 9/6/2007

SYNOPSIS: The sponsor invites applications for research projects that will contribute to its research program on Teacher Quality. The purpose of this program is to identify effective strategies for preparing future teachers or improving the performance of current classroom teachers in ways that increase student learning and school achievement in mathematics and science. Through this program, the Institute will support research on the development and evaluation of teacher preparation programs, teacher professional development programs, and assessments of teacher knowledge. Long term outcomes of the Teacher Quality program will be an array of tools and strategies (e.g., pre-service and in-service programs, policies, assessments) that have been demonstrated to be effective for improving and assessing teacher performance in ways that are linked to increases in student achievement. Objectives: For the FY 2008 Teacher Quality – Math/Science competition, applicants must submit under either Goal One or Goal Two or Goal Three or Goal Four or Goal Five. Goal One incorporates efforts to identify conditions that are associated with and are potential determinants of student achievement in mathematics and science and teacher quality. For the FY 2008 Teacher Quality – Math/Science competition, Goal One is limited to teacher preparation and professional development for teaching math/science at any grade from pre-kindergarten through high school. Applicants proposing to develop new interventions should apply under Goal Two. Under Goal Three, the Institute will accept proposals to conduct efficacy or replication trials of interventions. Goal Four targets evaluations of the effectiveness of interventions implemented at scale. The second through fourth goals can be seen as a progression from development (Goal Two) to efficacy (Goal Three), to effectiveness at scale (Goal Four). Goals Two, Three, and Four are limited to (a) teaching math/science at any grade from pre-kindergarten through high school or (b) teaching basic mathematics skills to adults through adult and vocational education programs or developmental/bridge programs designed to help under-prepared students acquire the skills to succeed in college. Goal Five is to develop and validate assessments of teacher subject matter and pedagogical knowledge for students in teacher preparation programs, and new or current teachers at any level from pre-kindergarten through high school. Goal Five covers assessments relevant to teaching mathematics and science. Under the Teacher Quality – **Math/Science program, applications must address: teacher professional development or teacher preparation** for teaching mathematics or science at any grade from kindergarten through Grade 12; teacher professional development or teacher preparation for teaching basic mathematics skills to adults through adult education, vocational education, or developmental (remedial) programs designed to help under-prepared students acquire the skills to succeed in college; and development and/or validation of assessments of teacher subject matter, pedagogical knowledge or instructional practices for students in teacher preparation programs, and new or current teachers at any level from kindergarten through high school. These assessments must be assessments relevant to mathematics and science. Eligibility: Applicants that have the ability and capacity to conduct scientifically valid research are eligible to apply. Eligible applicants include, but are not limited to, non-profit and for-profit organizations and public and private agencies and institutions, such as colleges and universities.

Deadline for Notice of Intent to Apply: December 29, 2006.

Deadline for Transmittal of Applications: February 12, 2007

Teacher Incentive Fund, Office of Elementary and Secondary Education/Department of Education, Contact: April Lee, 400 Maryland Avenue, SW, Room 3W229, Washington, DC, 20202-6200, 202-205-5224, tif@ed.gov, Past Deadline(s): 12/29/2006, 2/12/2007, Deadline

Note: The sponsor encourages applicants to submit an optional letter of intent by December 29, 2006. The deadline for application submission is February 12, 2007,

<http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.access.gpo.gov/2006/E6-19193.htm>.

SYNOPSIS: The purpose of the Teacher Incentive Fund is to support programs that develop and implement performance-based teacher and principal compensation systems in high-need schools.

Objectives: The specific goals of the Teacher Incentive Fund include: Improving student achievement by increasing teacher and principal effectiveness; reforming teacher and principal compensation systems so that teachers and principals are rewarded for increases in student achievement; increasing the number of effective teachers teaching poor, minority, and disadvantaged students in hard-to-staff subjects; and creating sustainable performance-based compensation systems. The sponsor has established the following absolute priority: consistent with the program purpose, the grantee must establish a system that provides teachers and principals, or principals only, serving in high-need schools with differentiated levels of compensation based primarily on student achievement gains at the school and classroom levels. This performance-based compensation system must also (a) consider classroom evaluations conducted multiple times during each school year and (b) provide educators with incentives to take on additional responsibilities and leadership roles. **Eligibility:** Eligible applicants include the following: LEAs, including charter schools that are LEAs in their State; SEAs; or partnerships of (a) an LEA, an SEA, or both, and (b) at least one non-profit organization.

January 22, 2008.

Program Number: 84629, Knowles (Janet H. and Harry) Foundation, Young Scholars Research Fellowship Program, 856-608-0001, scholars@kstf.org, Past Deadlines: 8/15/2007, http://www.kstf.org/rf_application_info.aspx, Deadline Note: Pre-proposals are due August 15, 2007. If invited, full proposals are due December 15, 2007.

SYNOPSIS: The sponsor seeks to support early career scholars engaged in critical research in science and mathematics education. Three two-year fellowships will be made for \$110,000 each.

APPLICATION DEADLINE DATE: July 26, 2007 and November 1, 2007

Program Number: 72679, Institute of Education Sciences/Department of Education, Teacher Quality Research Grants--Mathematics and Science Education, Contact: Harold Himmelfarb, 202-219-2031, harold.himmelfarb@ed.gov, Past Deadlines: 5/24/2007, 9/6/2007, Deadline Note: A letter indicating a potential applicant's intent to submit an application is optional, but encouraged, for each application. The deadlines for letters of intent are May 24, 2007 for the fall competition and September 6, 2007 for the fall competition. Applications must be submitted by July 26, 2007 for the summer competition and November 1, 2007 for the fall competition, http://ies.ed.gov/funding/doc/2008305.doc#PII_TQ5.

SYNOPSIS: The sponsor invites applications for research projects that will contribute to its research program on Teacher Quality. The purpose of this program is to identify effective strategies for preparing future teachers or improving the performance of current classroom teachers in ways that increase student learning and school achievement in mathematics and science. Through this

program, the Institute will support research on the development and evaluation of teacher preparation programs, teacher professional development programs, and assessments of teacher knowledge. Long term outcomes of the Teacher Quality program will be an array of tools and strategies (e.g., pre-service and in-service programs, policies, assessments) that have been demonstrated to be effective for improving and assessing teacher performance in ways that are linked to increases in student achievement.

No longer online / available

Department of Education/ Institute of Education Sciences, Mathematics and Science Education Research Grants, Dr. Diana Cordova, Diana.Cordova@ed.gov, Past Deadlines: 9/12/2005, 11/3/2005, <http://www.ed.gov/programs/mathresearch/2006-305k.doc>

The Institute intends for the Mathematics and Science Education research program to develop and evaluate mathematics and science interventions (e.g., curricula, instructional approaches) and assessments. The long-term outcome of this program will be an array of tools and strategies (e.g., curricula, programs) that have been demonstrated to be effective for improving mathematics and science learning and achievement.

Department of Education/ Institute of Education Sciences, Teacher Quality Research Grants-Math/Science Grants, Harold Himmelfarb, harold.himmelfarb@ed.gov, Past Deadlines: 6/6/2005, 7/21/2005, <http://www.ed.gov/programs/edresearch/index.html>

The sponsor invites applications for research projects that will contribute to its research program on Teacher Quality. The purpose of this program is to identify effective strategies for improving the performance of teachers in ways that lead to increases in students' mathematics and science learning, and to develop practical assessments of teacher knowledge and validate these assessments against measures of student performance. Through this program, the Institute will support research on the development and evaluation of teacher preparation programs, teacher professional development programs, and assessments of teacher knowledge. Long term outcomes of the Teacher Quality program will be an array of tools and strategies (e.g., pre-service and in-service programs, policies, assessments) that have been demonstrated to be effective for improving and assessing teacher performance in ways that are linked to increases in student achievement.

Department of Education/ Institute of Education Sciences, Mathematics and Science - Special Education Research Grants Program, David Malouf, David.Malouf@ed.gov, Past Deadlines: 9/12/2005, 11/17/2005, <http://www.ed.gov/programs/specedmath/index.html>

Little work has been conducted to evaluate the effectiveness of mathematics and science curricula and instructional practice for improving student learning and achievement for students with identified disabilities and students at high risk for disabilities. Through the Mathematics and Science Special Education research program, the Institute intends to fund applications that address the development and evaluation of mathematics or science curricula and instructional approaches for students with identified disabilities and students at high risk for disabilities.

Department of Education/ Institute of Education Sciences, Special Education Teacher Quality – Mathematics and Science Research Grants Program, David Malouf, David.Malouf@ed.gov, <http://www.ed.gov/programs/specedtqmath/2006-324mw.doc>, Past Deadlines: 6/6/2005, 8/4/2005

The purpose of this program is to identify effective strategies for improving the performance of teachers of students with disabilities or at high risk for developing disabilities in ways that lead to increases in students' mathematics and science learning, and to develop practical assessments of teacher knowledge and validate these assessments against measures of student performance. Through this program, the Institute will support research on the development and evaluation of teacher preparation programs, teacher professional development programs, and assessments of teacher knowledge.

Applications Available: February 6, 2008.

Deadline for Transmittal of Applications: March 7, 2008.

Sponsor: Office of Elementary and Secondary Education/Department of Education Program, Number: 50650, Demonstration Grants for Indian Children, indian.education@ed.gov, <http://a257.g.akamaitech.net/7/257/2422/01jan20081800/edocket.access.gpo.gov/2008/E8-2154.htm>, Deadline(s): 03/07/2008

SYNOPSIS: The sponsor provides support to projects to develop, test, and demonstrate the effectiveness of services and programs to improve the educational opportunities and achievement of preschool, elementary, and secondary Indian children. Eligible applicants are: state and local educational agencies, Indian tribes, organizations, and institutions of higher education. Approximately \$1,600,000 is available to fund seven awards ranging from \$100,000 to \$300,000 each for a project period of up to forty-eight months. Link to full program description: http://www.infoed.org/new_spin/spin_prog.asp?50650