

STEM Program Development Pathways Funding Sources

Governmental Funding Agencies

Past Deadline: 01/04/2008 (The first Friday in January thereafter)

NSF, Information Technology Experiences for Students and Teachers (ITEST)--Youth-Based Projects (EHR--ESIE) Program #NSF 07-514

Directorate for Education and Human Resources

Contact: Sylvia James, Program Director, 703-292-5333, sjames@nsf.gov

www.nsf.gov/pubs/2007/nsf07514/nsf07514.htm

Deadline Note: Required preliminary proposals are due on January 4, 2008. If invited, full proposals are due May 10, 2008

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). Objectives: The goal of ITEST youth-based programming is to provide middle- and high-school students, particularly those from disadvantaged urban and rural communities, access to year-round IT enrichment experiences and opportunities to explore related education and career pathways. Projects should create high-quality learning strategies and curriculum models for use in after school, weekend, and/or summer settings. Youth-based projects should include hands-on, inquiry-based activities with a strong emphasis on non-traditional approaches to learning and the intensive use of information technologies. Cooperative learning and socially relevant problem solving are alternatives to consider. The following pertains to project characteristics: Current IT standards for schools focus primarily on the use of computers and the associated software as tools.

Deadlines: 1/31/2008 (Historic Due Date-New Solicitation Pending)

RFP--AMENDMENT--NASA Explorer Schools Support Services

Program Number: 94345, National Aeronautics & Space Administration

Contact: Timothy C. Pierce, Contract Specialist

216-433-2147,

TimothyC.Pierce@grc.nasa.gov,

www2.fbo.gov/spg/NASA/GRC/OPDC20220/NNC08NESGRC/listing.html

SYNOPSIS: NASA/GRC plans to issue a Request for Proposal (RFP) for NASA Explorer Schools (NES) Support Services. The services required are for the management of the NASA Explorer Schools (NES) project operations nationwide. NES work primarily with groups of students who are underrepresented in the Science, Technology, Engineering and Mathematics (STEM) professions or who are traditionally underserved by NASA in rural or urban parts of the country. The NES Project focuses its efforts on retaining underrepresented students in STEM education by engaging teams of teachers and administrators in partner schools and providing

unprecedented access to NASA unique mission content, resources, and technology. submitted in writing (e-mail or fax). Telephone questions will not be accepted.

Deadlines: 2nd Monday in February for years to follow after 2003
NSF, Internships in Public Science Education (MPS-IPSE)
Directorate for Mathematics and Physical Sciences
Dr. Eileen D. Friel, Executive Officer, efriel@nsf.gov
<http://www.nsf.gov/pubs/2002/nsf02064/nsf02064.pdf>

SYNOPSIS: This program will provide support for undergraduate and graduate students and K-12 teachers to work in conjunction with MPS research scientists, and with professionals at science centers and museums, on projects in public science education.

Deadline: 2/15/2008
NSF, Innovative Technology Experiences for Students and Teachers (ITEST)
Directorate for Education and Human Resources
Contact: Julia V. Clark, Division of Elementary, Secondary, & Informal Education
703-292-5119, jclark@nsf.gov
www.nsf.gov/pubs/2008/nsf08526/nsf08526.htm
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

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. Objectives: ITEST will support three types of projects as standard or continuing grants - Strategies, Scale-up, and Studies - that replace the 4 previous components: youth-based projects, comprehensive projects, traditional project renewals, and the ITEST resource center. The types of projects that will be supported are: 1. Workforce Development Strategies projects, to design, implement and test theory and practice-based models intended to interest and prepare students to participate in the STEM workforce, especially information technology, of the future; 2. Workforce Development Scale-up projects, to implement and study models designed to prepare students for the STEM workforce, especially in information and communication technology fields, in a large-scale setting such as a state or at the national level, based on evidence of demonstrated success of the model in local settings; and 3. Workforce Development Studies projects, to build a general knowledge base by conducting research on the educational challenges associated with STEM workforce capacity, quantity, and career trajectories, especially in information and communication technology fields.

Deadlines: 2/18/2008
NSF, Math and Science Partnership (MSP)
Directorate for Education and Human Resources

Program Number: 64831

Contact: Joyce Evans, Program Director 703-292-5098, jevans@nsf.gov

Deadline Note: Optional Letters of Intent are due February 18, 2008 are strongly encouraged. Applications for Targeted Partnerships, Institute Partnerships, MSP-Start Partnerships, Phase II Partnerships, RETA Project are due March 25, 2008. Applications for Innovation through Institutional Integration are due by April 10, 2008, <http://www.nsf.gov/pubs/2008/nsf08525/nsf08525.htm>.

SYNOPSIS: 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 six types of projects.

Past Deadline: 2/20/2008 Must submit a pre-proposal in order to submit an application, (Historic Due Date-New Solicitation pending)

National Oceanic & Atmospheric Administration Environmental Literacy Grants

Sarah Schoedinger, sarah.schoedinger@noaa.gov,

<http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/E5-7101.htm>

SYNOPSIS: The sponsor is issuing a request for applications for environmental literacy projects. Projects selected for funding will have a duration between one and five years and will (1) further the use and incorporation of the Ocean Literacy Essential Principles and Fundamental Concepts in formal and informal education and/or measure ocean literacy among the public; or (2) strengthen the capacity to develop a workforce knowledgeable in weather and climate.

Deadline: 03/14/2008

American Geological Institute

Program Number: 05009, Minority Participation Program

E-mail: pburks@agiweb.org

Program URL: www.agiweb.org/mpp/

SYNOPSIS: The sponsor provides funding to develop the professional corps of underrepresented ethnic-minority students in the geosciences.

Deadline(s): 3/20/2008, 9/18/2008 for Letter of Intent. Full proposals due 6/19/2008, 12/18/2008

NSF, Informal Science Education (ISE)

Directorate for Education and Human Resources

Contact: Sylvia James, Program Director, , 703-292-5333, sjames@nsf.gov

Div. of Elementary, Secondary, & Informal Education
www.nsf.gov/pubs/2006/nsf06520/nsf06520.htm

SYNOPSIS: Support is provided for projects that develop and implement informal learning experiences for individuals of all ages and backgrounds that are designed to increase their interest, engagement, and understanding of science, technology, engineering, and mathematics (STEM), as well as projects that advance the theory and practice of informal science education. It is anticipated that \$25 million will be available to fund fifty awards. Objectives: The sponsor invests in the development of experiences that encourage informal learning in science, technology, engineering, and mathematics (STEM). It promotes public engagement with and understanding of STEM through such means as exhibitions, media projects, and educational programs.

Deadline(s): 03/21/2008
National Council for the Social Studies
Grant for the Enhancement of Geographic Literacy
Program Number: 18472
E-mail: excellence@ncss.org
URL: www.socialstudies.org/awards/geographiclit/

SYNOPSIS: The sponsor provides grants to promote geography education in the schools; to enhance the geographic literacy of students at the classroom, district, or statewide level; and to encourage the integration of geography into the social studies curriculum/classroom. Link to full program description: http://www.infoed.org/new_spin/spin_prog.asp?18472

Deadlines: 4/10/2008, 10/20/2008
SF, Tribal Colleges and Universities Program (TCUP) (EHR--HRD)
Directorate for Education and Human Resources
Program Number: 64493
Contact: Lura Chase, Program Director, 703-292-8682, lchase@nsf.gov
<http://www.nsf.gov/pubs/2008/nsf08533/nsf08533.htm>

Deadline Note: The deadline for applications under the I3 (Innovation through Institutional Integration) program is April 10, 2008. The deadline for TCUP Implementation projects is October 20, 2008 and October 20, annually thereafter. Proposals are accepted anytime for TCUP planning projects.

SYNOPSIS: The sponsor provides awards to enhance the quality of science, technology, engineering and mathematics (STEM) instructional and outreach programs, with special attention to the use of information technologies at Tribal Colleges and Universities, Alaskan Native-serving Institutions and Native Hawaiian-serving institutions.

Deadlines: 05/15/2008-6/15/2008
NSF, Enhancing the Mathematical Sciences Workforce in the 21st Century (EMSW21)

Directorate for Mathematics and Physical Sciences
John Conway, Program Officer, jconway@nsf.gov,
www.nsf.gov/pubs/2005/nsf05595/nsf05595.htm,

SYNOPSIS: The sponsor awards grants for projects designed to increase the number of U.S. citizens, nationals, and permanent residents who are well-prepared in the mathematical sciences and who pursue careers in the mathematical sciences and in other disciplines supported by the sponsor.

Deadline(s): 05/25/2008, 09/25/2008, 01/25/2009, 05/25/2009

National Cancer Institute/NIH/DHHS

Cancer Education and Career Development Program (R25)

Program Number: 49356

myrickd@mail.nih.gov

<http://grants1.nih.gov/grants/guide/pa-files/PAR-06-511.html>

DEADLINE NOTE: Optional letters of intent are requested thirty days before the application submission deadline. This program expires on September 8, 2009.

SYNOPSIS: The sponsor provides support for the development and implementation of institutional curriculum-dependent predoctoral/postdoctoral programs with specific core didactic and research requirements to train a cadre of scientists in interdisciplinary and collaborative cancer research settings. Examples of interdisciplinary/collaborative areas of cancer research that are particularly applicable to intent of the CECDP are cancer prevention and control, behavioral and population sciences, nutrition, imaging, and molecular diagnosis. This program will use the NIH Education R25 grant mechanism.

Deadlines: 6/26/2008, 10/2/2008

Institute of Education Sciences/Department of Education

Education Technology Research Grants Program

Program Number: 92732,

Contact: Dr. Edward Metz, 202-208-1983, Edward.Metz@ed.gov,

<http://ies.ed.gov/funding/>, http://ies.ed.gov/ncer/funding/ed_tech/index.asp

SYNOPSIS: Through its Education Technology program, the sponsor intends to support research on education technology tools that are designed to provide or support instruction in reading, writing, mathematics, or science (including pre-reading, pre-writing, early mathematics, and early science) or to provide professional development for teachers related to instruction in reading, writing, mathematics, or science.

Deadline(s): 6/26/2008, 10/2/2008

Institute of Education Sciences/Department of Education,

Mathematics and Science Education Research Grants,

Contact: Dr. Christina Chhin, 202-219-2280, Christina.Chhin@ed.gov

http://ies.ed.gov/funding/doc/2008305.doc#PII_MS2

SYNOPSIS: 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.

Deadline(s): 09/18/2008, 09/18/2009, 01/20/2010, 01/22/2009

National Institute of General Medical Sciences/NIH/DHHS

Bridges to the Doctorate Program (R25)

Program Number: 65784

E-mail: singhs@nigms.nih.gov,

URL: <http://grants1.nih.gov/grants/guide/pa-files/PAR-07-410.html>

DEADLINE NOTE: Applications may be submitted to Grants.gov in response to this announcement on or after August 21, 2007. This program will expire on January 21, 2010.

SYNOPSIS: The sponsor provides support for Research Education grant applications to facilitate the transfer and graduation of students of diverse backgrounds from masters to doctoral degree-granting institutions. The program promotes inter-institutional partnerships to improve the quality and quantity of students from underrepresented groups and or health disparities populations being trained as the next generation of biomedical and behavioral research scientists. This program will use the NIH Research Education (R25) grant mechanism.

(New Deadline September 2008, will be posted 90 days prior)

Past Deadlines: 1/5/2006, 2/9/2006

NSF, Science, Technology, Engineering and Mathematics Talent Expansion Program (STEP)

Directorate for Education and Human Resources

Susan Hixson, Lead Program Director, shixson@nsf.gov,

<http://www.nsf.gov/pubs/2006/nsf06502/nsf06502.pdf>,

SYNOPSIS: The sponsor provides funding projects that increase the number of students (U.S. citizens or permanent residents) pursuing and receiving associates or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM).

Deadline Note: Proposals are accepted throughout the year according to the review process established in each NSF disciplinary program. Note that several divisions have target dates for unsolicited proposals

NSF Education and Faculty Development Related Grant Programs

Directorate for Biological Sciences/NSF, GOALI--Industry Engineers/Scientists in Academe

Donald Senich, dsenich@nsf.gov
<http://www.nsf.gov/pubs/1998/nsf98142/nsf98142.htm>

SYNOPSIS: The Industry Engineers and Scientists in Academe component of the GOALI initiative provides opportunities for industry personnel to interact with the academic community. Support is provided for industrial engineers and scientists to visit academe; and for part-time engineering students with permanent positions in industry to continue their graduate studies.

Future solicitation deadline dates for the following programs are not known at this time -contact agency for further information

Past Deadlines: 3/21/2005 (Historic Due Date-New Solicitation Pending)
Minority Science and Engineering Improvement Program (MSEIP)
Department of Education/Office of Postsecondary Education
Ms. Carolyn Proctor, OPE_MSEIP@ed.gov
<http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/E5-411.htm>

SYNOPSIS: The sponsor's Minority Science and Engineering Improvement Program (MSEIP) is designed to effect long-range improvement in science and engineering education at predominantly minority institutions and to increase the flow of underrepresented ethnic minorities, particularly minority women, into scientific and technological careers. **Please note: Sac State isn't considered a minority institution at this time.

Past Deadline: 4/1/2005, 4/18/2005 (Historic Due Date-New Solicitation Pending)
Women's Educational Equity Act Program (WEEA)
Department of Education/Office of Innovation and Improvement
Dr. Frances Yvonne Hicks, frances.hicks@ed.gov,
<http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/E5-819.htm>

SYNOPSIS: The purpose of the WEEA program is: (a) To promote gender equity in education in the United States; (b) to provide financial assistance to enable educational agencies and institutions to meet the requirements of title IX of the Educational Amendments of 1972; and (c) to promote equity in education for women and girls who suffer from multiple forms of discrimination based on sex, race, ethnic origin, limited English proficiency, disability, or age. Awards for the first twelve-month budget period will range from \$125,000 to \$250,000.

Past Deadline: 11/29/2005, (Historic Due Date-New Solicitation Pending)
NSF, NIBIB-NSF Bioengineering and Bioinformatics Summer Institutes Program
Directorate for Biological Sciences
Sohi Rastegar, Program Director, srastega@nsf.gov
<http://www.nsf.gov/pubs/2005/nsf05611/nsf05611.htm>

SYNOPSIS: This program is designed to provide students majoring in the biological sciences, computer sciences, engineering, mathematics, and physical sciences with interdisciplinary bioengineering or bioinformatics research and education experiences in active 'Summer Institutes', thereby increasing the number of young people considering careers in bioengineering and bioinformatics at the graduate level and beyond. It is anticipated that \$2.0 million (twelve to fifteen awards) will be available.

Past Deadlines: 11/23/2005 (Historic Due Date-New Solicitation Pending)

EPA Environmental Education Grants Program

Diane Berger

www.epa.gov/enviroed/grants_sol2006.html

SYNOPSIS: The sponsor solicits grant proposals from education institutions, environmental and educational public agencies, and not-for-profit 501(c)(3) organizations to support environmental education projects. This grants program provides financial support for projects which design, demonstrate, or disseminate environmental education practices, methods, or techniques.

Past Deadlines: 2/15/2006, (Historic Due Date-New Solicitation Pending)

NSF, Geoscience Teacher Training (GEO-Teach)

Directorate for Geosciences

Jill Leslie Karsten, Program Director for Diversity and Education, jkarsten@nsf.gov

<http://www.nsf.gov/pubs/2006/nsf06526/nsf06526.htm>

The sponsor provides funding to support projects designed to improve the quality of geoscience instruction, primarily at middle and high school levels. Approximately three five-year awards will be made.

Past Deadline: 11/15/2007, (Historic Due Date-New Solicitation Pending)

NSF Geoscience Education (GeoEd)

Directorate for Geosciences

Contact: Jill L. Karsten, Program Director for Diversity and Education, jkarsten@nsf.gov, 703-292-7718

<http://www.nsf.gov/pubs/2005/nsf05609/nsf05609.htm>, <http://www.grants.gov/search/search.do?oppId=1679&mode=VIEW>

SYNOPSIS: The sponsor provides funding to improve the quality of geoscience education through one of two tracks: Pilot Projects and Integrative Collaborations. Objectives: The goals of the program are to: improve the quality of geoscience education at all educational levels; increase the number and competency of Earth and Space Science teachers at K-12 levels; demonstrate the relevance of the geosciences by identifying and promoting traditional and non-traditional career opportunities in the field; increase the number of students enrolling in

geoscience courses and degree programs at all educational levels; increase the number of students drawn from groups underrepresented in science, technology, engineering and mathematics (STEM) fields in geoscience courses and degree programs; and increase the public's understanding of geoscience-related issues.

(No Deadline information Available)

NSF, Oceanographic Education Program

Directorate for Geosciences

Elizabeth Rom, Associate Program Director, erom@nsf.gov,

www.nsf.gov/od/lpa/news/publicat/nsf04009/geo/oce.htm

www.nsf.gov/pubs/2004/nsf04052/nsf04052.pdf

SYNOPSIS: The sponsor offers funding for proposals that support the goals of improving ocean education in K-12, undergraduate, graduate and informal settings.

Foundations

Deadline Open: Yes

Affymetrix, Inc. Corporate Donations Program

Shalini Prasad

3420 Central Expressway, Santa Clara, CA, 95051

408-731-5367

outreach@affymetrix.com

www.affymetrix.com/corporate/outreach/corporate.affx

SYNOPSIS: The sponsor makes charitable donations to non-profit organizations through its corporate philanthropy program. The sponsor focuses its giving in three main areas: Education, Ethics, and Cancer Research and Advocacy. **Objectives:** The company focuses its giving in three main areas: Education--As a company that relies on technological and scientific innovation, the sponsor realizes the importance of a solid educational foundation, therefore contributing to programs that support science and math education, focusing on K-12 students and their teachers. . **Eligibility:** Affymetrix makes donations only to non-profit 501(c)(3) organizations. The average grant size is approximately \$2,500.

Deadline Open: Yes (* See Restrictions for details)

Coca-Cola Foundation Grants Administration

P.O. Box 1734, Atlanta, GA, 30301

404-676-2568

www2.coca-cola.com/citizenship/foundation_guidelines.html

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.

Deadline Open: Yes (* See Restrictions for details)

Johnson (Walter S.) Foundation

Contact: Donna Takasuka, Grants Administrator

525 Middlefield Road, Suite 160, Menlo Park, CA, 94025

650-326-0485, dtakasuka@wsjf.org

www.wsjf.org/WSJF_Funding_Guidelines.htm

Deadline Note: Letters of inquiry are accepted throughout the year. Successful applicants will be invited to submit a full proposal after the initial review. The Board meets in January, April, July, and October of each year.

SYNOPSIS: Support is offered to projects which reflect the sponsor's two main goals: ensuring the well-being of children and youth; and strengthening public education. Objectives: The sponsor seeks to help young people realize their potential by strengthening public education and ensuring the well-being of children and youth. The sponsor focuses on two main areas:

YOUTH--the sponsor seeks to help underserved youth, ages fourteen to twenty-four, to make successful transitions to adulthood, by supporting youth development principles, practices and programs that help youth: build skills; make contributions to their community; form lasting, healthy relationships with peers and adults; and make decisions and participate actively in the youth organizations in which they are involved. The three Youth focus areas are: transition-age foster youth; youth leaders; and capacity building for youth-serving organizations.

EDUCATION--the sponsor seeks to prepare young people, ages fourteen to twenty-four, who are not on track to graduate or are first generation college-goers, to complete high school and obtain post-secondary credentials. The sponsor is particularly interested in cross-sector collaborations between school districts, local government, alternative education providers, community based organizations, and community colleges that improve educational outcomes and options for off-track and out-of-school youth.

Deadline Open: Yes

Goodrich Corporation

Four Coliseum Centre

2730 West Tyvola Road, Charlotte, NC, 28217-4578

704-423-7000, corporate.communications@goodrich.com,

www.goodrich.com/CDA/GeneralContent/0,1277,59,00.html

SYNOPSIS: The sponsor provides support to charitable organizations serving the needs of the public in Goodrich Corporation's United States headquarters and plant communities, to selected educational institutions, and to selected national groups. Objectives: The sponsor makes charitable grants in four categories: Education: The sponsor will give priority to operating grants focused in the following areas: a) Higher Education: the sponsor will support selected educational institutions where the company recruits for its workforce or where technical research is conducted. In addition, grant making will also focus on institutions with specific academic areas of science and engineering that educate the technical workforce. b) Elementary/Secondary Education (K-12): the sponsor will consider proposals designed to restructure the educational system to better educate all students. **Please visit <http://www.goodrich.com/Locations> to obtain a complete list of the sponsor's locations.**

Deadline Open: Yes (* See Restrictions for details)

Hewlett (William & Flora) Foundation

2121 Sand Hill Road, Menlo Park, CA, 94025

650-2344500

education@hewlett.org

www.hewlett.org/Grantseekers/edGuidelines.htm

Deadline Note: Applicants must initially submit a letter of intent which can be submitted at any time. Full proposals will be invited. Upcoming board meetings are: November 19, 2007; March 17, 2008; and July 21, 2008.

The sponsor is currently not accepting unsolicited LOIs in the Open Educational Resources area. After October 1, 2007 the sponsor will again accept unsolicited LOIs in the Open Educational Resources area.

SYNOPSIS: Grants are awarded to promote long-term institutional or field development, reform, or knowledge creation in four priority areas: improving instruction, California reform (K - 12), California Reform (Community Colleges), and Open Educational Resources. The sponsor will fund policy studies, research, development, demonstrations, evaluations, dissemination, and public engagement to accomplish its objectives

Deadline Open: Yes

AT&T Foundation Education Grants Program

Contact: Laura Sanford, President

175 E. Houston Street, PO Box 2933, San Antonio, TX, 78299-2933,

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.

Deadline Open: Yes

Intel Foundation Grants Program

2200 Mission College Blvd., Santa Clara, CA, 95052

408-765-8080

grants@intel.com, <http://www.intel.com/community/grant.htm>

SYNOPSIS: The sponsor provides support to maintain and enhance the quality of life in the communities where the company has a major presence. **Objectives:** The sponsor's primary giving focus is education; the sponsor has strong interest in supporting K-12/higher education and community programs that deliver the kind of educational opportunities that all students will need to prepare themselves to succeed in the 21st century. The sponsor vigorously supports education through grants for programs that advance science, math and technology education,

particularly for women and underserved populations. In addition, the sponsor is committed to the responsible use of natural resources, and funding for environmental programs will be considered.

Deadline Open: Yes

Lockheed Martin Corporation Grants Program,

6801 Rockledge Drive, MP-178, Bethesda, MD, 20817

<http://www.lockheedmartin.com/aboutus/community/philanthropy/funding.html>

SYNOPSIS: Philanthropic contributions are made primarily to programs of nationwide interest and programs in geographic areas of the corporation's operations. Areas of funding interest include: K-16 math, science and engineering education; culture; civic and public interest; environment; and health and human services. Objectives: Areas of funding interest include: K-16 math, science and engineering education; culture; civic and public interest; environment; and health and human services.

Deadline Open: Yes

Motorola Foundation Grants Program

1303 E Algonquin Rd, Schaumburg, IL, 60196

847-576-6200

Giving@motorola.com

www.motorola.com/content.jsp?globalObjectId=8145

SYNOPSIS: The sponsor focuses its funding on education, especially programs that support math and science teacher-training programs and charitable organizations that excite young people about these subjects. Objectives: Through the foundation, the sponsor nurtures relationships with local, national and international non-profit organizations — to extend resources to communities in need and to help expand the scope of their missions. They support important causes in three ways: 1) Through cash donations; 2) Through product donations; and, 3) By enabling employees to participate in volunteer and charitable-giving programs. The sponsor's strategic focus emphasizes the following: Education: With programs that encourage an interest in science, technology, engineering and math — particularly among girls and the underserved minorities. Connecting the unconnected: To help bring the transformative power of wireless communication to communities that might otherwise be overlooked. Critical community needs: To support a wide variety of programs that have a direct impact in the communities where we do business.

Deadline Open: Yes (* See Restrictions for details)

RGK Foundation Grants Program

1301 W. 25th Street, Suite 300, Austin, TX

78705-4236, 512-474-9298

<http://www.rgkfoundation.org/guidelines.php>

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.

Deadline Open: Yes
Sloan (Alfred P.) Foundation Grants Program
630 Fifth Avenue, Suite 2550, New York, NY, 10111
212-649-1649
www.sloan.org/grant/index.shtml

SYNOPSIS: Support is generally provided to tax-exempt organizations for work in five concentrated areas of interest: science and technology; standard of living and economic performance; education and careers in science and technology; selected national issues; and civics. **Objectives:** Grant requests can be made for support of activities related to the following areas of interest: **SCIENCE AND TECHNOLOGY--**supports research in various areas of scientific work, including but not limited to indoor environment; molecular evolution; theoretical neurobiology; computational molecular biology; astrophysics; limits to knowledge; and marine science. **STANDARD OF LIVING AND ECONOMIC PERFORMANCE--**seeks to improve understanding of the basic forces affecting American economic progress and the U.S. standard of living in the increasingly competitive world economy. Topics include: industry studies; business organizations; higher education as an industry; making municipal governments more responsive to their citizens; and workplace, workforce and working families. **EDUCATION AND CAREERS IN SCIENCE AND TECHNOLOGY--**provides support for programs that strengthen education in science and technology, to increase interest in these fields, and to understand and communicate to others the nature of careers in these fields. Increasingly important are opportunities presented by electronic technologies for learning outside the classroom.

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

Past Deadline: 1/15/2008, Full Program (Historic Deadline)
American Association of University Women
Educational Foundation Community Action Grants
Dept. 60, 301 ACT Drive, Iowa City, IA, 52243-4030
319-337-1716 x60, aauw@act.org,
www.aauw.org/fga/fellowships_grants/community_action.cfm

SYNOPSIS: The sponsor provides seed money to individual women, AAUW branches, AAUW state organizations, and community-based nonprofit organizations. Grants ranging from \$2,000 to \$10,000 are available for one or two years. Objectives: One-year grants provide seed money for new projects. Topic areas are unrestricted, but should include a clearly defined activity that promotes education and equity for women and girls. Two-year grants provide start-up funds for longer-term programs that address the particular needs of the community and develop girls' sense of efficacy through leadership or advocacy opportunities. Topic areas are unrestricted, but should include a clearly defined activity that promotes education and equity for women and girls. Eligibility: Applicants must be women who are U.S. citizens or permanent residents. Grant projects must have direct public impact, be nonpartisan, and take place within the United States or its territories. Funding: The sponsor awards two-year grants ranging from \$5,000 to \$10,000 and one-year grants of \$2,000 to \$7,000.

Past Deadline(s): 02/14/2008
Hewlett-Packard, Program Number: 81580
Technology for Teaching Grants,
DEADLINE NOTE: Applications will be accepted from January 8 to February 15, Link to full program description: www.infoed.org/new_spin/spin_prog.asp?81580

SYNOPSIS: The sponsor makes grants to support the innovative use of mobile technology in K-16 education, and to help identify K-12 public schools and two- and four-year colleges and universities that HP might support with future grants.

Deadlines: 2/28/2008, 8/31/2008
Engineering Information Foundation Grants Program

info@eifgrants.org
www.eifgrants.org/info/apply.html

DEADLINE NOTE: Directors generally meet in April and October every year. To allow time for review, deadlines for submissions are February 28th, and August 31st

SYNOPSIS: The sponsor's grant activity supports developmental projects, instructional projects, and training programs in engineering education and research that fit the sponsor's fields of interest. These currently include the availability and use of published information, women in engineering, and information access in developing countries.

Deadline: 03/14/08
Bio-Rad's Scholarship Program
Contact Kelly Berman at x6292
Applications available at www.bio-rad.com/outreach

This program benefits employees' friends and family as well as the entire local community!
Scholarships: \$1000 Award for graduating High School Seniors with an interest in science.
Awards Ceremony held May 1, 2008. High School must be located within a 50 mile radius of the Hercules Campus. You may also download the application by going to www.bio-rad.com, clicking "Career Center" and then clicking "Bio-Rad Community Outreach".

Deadline: unknown at this time
American Honda Foundation Grants Program
Past Deadlines: 8/1/2005, 11/1/2005, 2/1/2006, 5/1/2006 (07 deadlines not listed)
<http://corporate.honda.com/america/philanthropy.aspx?id=ahf>

SYNOPSIS: The sponsor provides grant support for projects in the areas of youth and scientific education. Average grants range from \$40,000 to \$80,000 per year.

STEM Pipeline Keywords

(Identified at the STEM Grants Workshop 02/15/08 for funding searches)

STEM Pipeline	magnet schools
freshmen success	rural
multidisciplinary	STEM partnerships
comprehensive retention	parent education
comprehensive persistence	California A-G requirements
MESA	college eligibility
educationally disadvantaged	EDD
at-risk students	vocational education
academic rigor	workforce development
pre-college pipeline	accelerated college entrance
small learning communities	
concurrent enrollment	