Texas Instruments

Educational & Productivity Solutions

FUNDING RESOURCES

IN
MATHEMATICS
SCIENCE
PROFESSIONAL DEVELOPMENT
&
TECHNOLOGY
2003

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Executive Summary

This document serves as a resource guide of federal funding programs and initiatives, which support a variety of science, technology, mathematics, engineering, and professional development programs.

A brief synopsis of each program is provided with an attached web link. It is suggested that you visit the main web addresses for the federal agencies frequently, as many discretionary grant programs are posted on a weekly basis.

Web links and information are also provided for State Departments of Education, Unions, No Child Left Behind, References and other education policy resources.

This document is produced by the Government Relations, Office of Education Team at Texas Instruments as a courtesy. It is our intent that it serves as an assistive tool in your quest for educational funding. Comments and feedback are encouraged, and may be sent to any of the team members below:

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Federal Funding Sources
March 2003

I. The US Department of Education

The following information may be found on the Department of Education's website. The general website address for discretionary grants is as follows:

http://www.ed.gov/legislation/FedRegister/announcements

It is suggested that you reference the above website for the most up-to-date postings.

The following is a synopsis of federally funded educational programs with suggested web sites for additional information.

Charter Schools

This program provides funding for the design and implementation of public charter schools. Increased emphasis is being placed on the success and accountability of these schools. Grants are provided on a competitive basis to states with charter school laws; states, in turn, make sub grants to authorized entities. Funds may be used for activities such as purchasing equipment, materials, supplies, or dissemination of information about the charter school or the evaluation of their effectiveness.
http://www.uscharterschools.org/

Community Technology Centers

This program will help students and adults who do not have computers at home to link learning at school with learning anywhere through technology, as well as bring the power of computers and information-age resources to those with the greatest need. These grants fund technology-learning centers in low-income communities in public housing facilities, community centers, libraries, and other educational facilities.
http://www.ed.gov/offices/OVAE/AdultEd/CTC

Educational Technology State Grant

The new education technology program consolidates two major education technology programs: Technology Literacy Challenge Fund and Technology Innovation Challenge grants into a single program. Funds are distributed to states and, in turn, to local districts based on 50% Title I formula and 50% competitively. The money can be used for a range of purposed, such as improving access to technology and expanding professional development. Districts must use at least 25% of the money for professional development, unless they can show that they already provide such services.
http://www.ed.gov/Technology/

Effective Mathematics Education Research Grants Program

The Institute of Education Sciences of the U.S. Department of Education is pleased to announce a new research grant competition entitled, "Research on Effective Mathematics Education." The purpose of the program is to support the identification of interventions

and approaches in mathematics education that will result in improving mathematics achievement for all students and closing achievement gaps between minority and non-minority students, and between economically disadvantaged students and their more advantaged peers. The focus of the 2003 competition will be middle-school mathematics education.
http://www.ed.gov/offices/IES/funding.html

Homeless Children and Youth - Grants for State and Local Activities
The Stewart B. McKinney Homeless Assistance Act is the legislation that makes available formula grants to states to help them ensure that homeless children have equal access to public education. States provide sub grants to school districts, which, in turn, may provide tutoring, and other additional instructional services to meet the needs of homeless children.
http://www.nationalhomeless.org/

Improving Teacher Quality
The revised ESEA law consolidates the Class-Size Reduction and Eisenhower Professional Development programs into a single, flexible formula grant for improving teacher and principal quality. The money can be used for a variety of purposes, such as hiring teachers to limit class sizes, providing professional development, and funding initiatives to retain highly qualified teachers.
http://www.ed.gov/offices/OESE/esea/progsum/title2a.html#quality

Innovative Education State Grants - Title V
Title V is a formula grant program whose goal is to assist state and local education efforts to improve student achievement by implementing broad-based reform efforts and other innovative educational improvement practices. Very flexible uses of funds include curricular materials, professional development, software, technology, and school repair.
http://www.ed.gov/offices/OESE/SST/ieps.html

Language Acquisition State Grants (Formerly Bilingual Education)
The revised ESEA program consolidates several bilingual education and immigrant education programs into one flexible initiative. The purpose of the program is to enable states, school districts, schools, or other eligible entities to implement English-as-a-second-language (ESL) programs or other appropriate instructional programs on a school-wide or a system-wide basis. Grant money may be used for services and activities, such as curriculum development, purchase of instructional materials, education software, tutoring and counseling, or to pay for personnel trained to provide services to Limited English Proficient (LEP) students. The program has shifted from competitive to formula allocation and no longer requires that a minimum of 75% of federal bilingual education aid be spent on programs that use a child's native language for instruction.
http://www.ed.gov/offices/OBEMLA

Mathematics and Science Partnerships
This new program seeks to encourage states, institutions of higher learning, districts, and schools to form partnerships to improve student performance in math and science. Funds may be used in a variety of ways, such as professional development, summer workshops, and distance learning programs.
http://www.ed.gov/offices/OESE/esea/progsum/title2a.html#math

Perkins Vocational and Applied Technology Act
This program supports equal access by special populations at secondary and postsecondary levels to vocational and technology education activities, plus related professional development activities for teachers, counselors, and corrections educators. States receive formula grant funds; school districts then receive sub grants. Funds may be used to develop, disseminate, and field test curriculum materials and promote partnerships with appropriate entities.

Preparing Tomorrow's Teachers to Use Technology
This competitive grant program is designed to promote partnerships among private industry, K-12 schools, and universities. Activities may provide support for faculty on how to use technology in their classes, develop technology-based resources and tools, and create technology-related professional development and internship opportunities for teachers.
http://www.ed.gov/teachtech/

Rural Education
The funding is available for two programs. The first provides flexible grants to small, rural districts and allows them the added freedom in spending money under a few major ESEA programs. If a district did not qualify, it would be eligible for a second initiative, which provides flexible grants to rural districts with at least 20% of the students living in poverty.
http://www.ed.gov/offices/OESE/esea/progsum/title6b.html#top

Special Education IDEA
The Individuals with Disabilities Act was reauthorized in 1997. It is scheduled for reauthorization in 2002. This program provides financial assistance to states to help them meet the educational and developmental needs of over 5 million children, ages birth through 21. The law focuses on increased expectations, more coordination and involvement by parents and the regular classroom teacher, and more professional development for all involved in educating children with disabilities. The law also permits schools broader authority to remove special education students from the classroom for bringing illegal drugs or weapons to school and integration of funds into Title I school-wide programs. Special Education services apply to a vast array of disabilities, including those with severe disabilities, the emotionally disturbed, and the severely and profoundly mentally retarded. IDEA grants categories include those to states and preschools, as well as grants for infants and toddlers.
http://www.ed.gov/offices/OSERS/

Star Schools
The Star Schools program, which provides continuation grants only, has helped to improve instruction in mathematics, science, foreign languages, literacy skills, and vocational education in underserved areas through partnerships that develop, construct, acquire, maintain, and operate telecommunications, audiovisual equipment, and facilities. More than one million students and their teachers in 50 states and territories participate in this distance-learning program.
http://www.ed.gov/prog_info/StarSchools

Tech-Prep Education
This program offers assistance to states to award grants to a consortia of school districts and postsecondary institutions to operate programs that facilitate technical preparation in applied science; engineering technology; industrial, mechanical, or practical trades; agriculture; health; or business. Programs must include the last two years of high school and two years of postsecondary education, leading to an associate degree or a two-year certificate.
http://www.ed.gov/offices/OVAE/CTE/tphome.html

Title I
This formula grant program is the largest of the Elementary and Secondary Education Programs and provides districts with extra resources to help improve instruction in high-poverty schools and ensure that poor and minority children have the same opportunities as their peers to meet challenging state academic standards. The new law requires states to develop standards in reading and math and assessments linked to those standards for all students in grades 3 to 8. Districts and schools must use Title I funds for activities that scientifically-based research suggests will be most effective in helping all students meet these standards.
http://www.ed.gov/offices/OESE/CEP/

21st Century Community Learning Centers
This program provides money for before and after-school initiatives, weekend and summer programs that seek to advance student achievement. It will, for the first time, allow grants not only to school districts but also directly to community-based organizations and other public or private entities, including faith-based groups, in rural and inner-city schools in nearly every state. Centers will provide opportunities for children and youth to participate in a variety of activities, including nutritional and health services and technology programs. Funds may be used for planning, implementing, or expanding learning activities and for other areas of instruction, enrichment, and recreation, including telecommunications and technology education. This is a competitive grant program that shifted from the federal government to the states.
http://www.ed.gov/21stcclc

II. National Science Foundation
http://www.nsf.gov

The National Science Foundation funds the following programs annually. To access specific information about these programs, you may access the below website and enter the NSF program number listed next to the heading of each program.

http://www.nsf.gov/pubsys/ods/index.html

Centers for Learning and Teaching - CLT (nsf#03522)
The Centers for Learning and Teaching (CLT) program focuses on the advanced preparation of science, technology, engineering, and mathematics (STEM) educators, as well as the establishment of meaningful partnerships among education stakeholders, especially Ph.D. granting institutions, school systems, and informal education performers. Its goals are to renew and diversify the cadre of leaders in STEM education; to increase the number of K-16 educators capable of delivering high-quality STEM instruction and assessment; and to conduct research into STEM education issues of national import (e.g. the nature of learning, teaching strategies, and reform policies and outcomes).

Centers of Research Excellence in Science and Technology - CREST (nsf#02180)
NSF recognizes that academic institutions with significant minority student enrollments play a vital role in conducting research that contributes to our knowledge base in all disciplines, and in educating minority students who go on to careers in fields of science, technology, engineering, and mathematics (STEM). The Centers of Research Excellence in Science and Technology (CREST) program makes substantial resources available to upgrade the capabilities of the most research-productive minority-serving institutions. It develops outstanding centers through the integration of education and research. It serves to promote the production of new knowledge, to increase the research productivity of individual faculty, and to expand a diverse student presence in STEM disciplines. The program also enables CREST Centers to increase the effectiveness of related science and engineering activities within their research areas.

Gender Diversity in Science, Technology, Engineering and Mathematics Education (nsf#03502)
The program seeks to broaden the participation of girls and young women in all fields of science, technology, engineering, and mathematics (STEM) education by supporting research, demonstration, and dissemination projects that will lead to change in education policy and practice. Typical projects will investigate gender-related differences in learning; gender-related differences in educational experience, interest, and performance; and pedagogical approaches and teaching styles that are gender-neutral or encouraging to female students. The findings and outcomes of the program will lead to understanding, for example, how to maintain the interest of students in science after middle school, how to bring more students into elective high school mathematics and advanced placement science courses, and how to increase enrollments in undergraduate studies in STEM, particularly in physical sciences, engineering and computer sciences. Large requests that

will engage many student or educator participants are expected to involve multiple partner institutions. Proposals are received on two different deadlines during the year, depending on areas of emphasis.

Historically Black Colleges and Universities Undergraduate Program - HBCU-UP (nsf#02162)
This program provides awards to enhance the quality of science, technology, engineering, and mathematics (STEM) instructional and outreach programs at historically black colleges and universities as a means to broaden participation in the Nation's STEM workforce. Support is available for the implementation of comprehensive institutional approaches to strengthen STEM teaching and learning in ways that improve access to, retention within, and graduation from STEM programs. Proposed activities should be the result of a careful analysis of institutional needs, address institutional and NSF goals, and have the potential to result in significant and sustainable improvements in STEM program offerings. Typical project implementation strategies include: curriculum enhancement, faculty professional development, undergraduate research, academic enrichment, infusion of technology to enhance STEM instruction, collaborations with research institutions and industry, and other activities that meet institutional needs.

Informal Science Education - ISE (nsf#03511)
ISE activities provide rich and stimulating opportunities outside formal school settings where individuals of all ages, interests, and backgrounds increase their appreciation and understanding of science, technology, engineering, and mathematics (STEM).

Instructional Materials Development - IMD (nsf#03524)
The Instructional Materials Development (IMD) program includes three components:

1. Instructional Materials for Students - supports the creation and substantial revision of comprehensive curricula and supplemental instructional materials that are research-based; enhance classroom instruction, pre K-12; and reflect standards for science, mathematics, and technology education developed by national professional organizations.
2. Assessment - supports the creation of tools for assessing student learning that are tied to nationally developed standards and reflect the most current thinking on how students learn mathematics and science. Projects can also focus on assistance to schools and districts in implementing new assessment.
3. Applied Research - supports the research for development of the IMD program and projects; provides evidence for the effectiveness of materials and feedback for strengthening the portfolio; and identifies possible new directions in instructional materials and assessment.

Proposals may be submitted for projects in any field of science, technology education, or mathematics (STM).

Louis Stokes Alliances for Minority Participation (LSAMP) Program (nsf#03520)
This program is aimed at increasing the quality and quantity of students successfully completing science, technology, engineering and mathematics (STEM) baccalaureate

degree programs, and increasing the number of students interested in, academically qualified for and matriculated into programs of graduate study. LSAMP supports sustained and comprehensive approaches that facilitate achievement of the long-term goal of increasing the number of students who earn doctorates in STEM fields, particularly those from populations underrepresented in STEM fields. The program goals are accomplished through the formation of alliances. Phase I awards places emphasis on aggregate baccalaureate production. Phase II awards augment the Phase I emphasis with attention to individual student retention and progression to baccalaureate degrees. Phase III awards augment the Phase I and Phase II with attention to aggregate student progression to graduate school entry.

Math and Science Partnership Program - MSP (nsf#02190)
The Math and Science Partnership (MSP) program supports innovative partnership-driven projects developed to improve K-12 student achievement in mathematics and science. As overall student achievement rises, MSP projects are expected to significantly reduce achievement gaps in the mathematics and science performance of diverse student populations. Successful MSP projects will serve as models that can be widely replicated in educational practice to improve the mathematics and science achievement of all the Nation's students.

K-20 education organizations (that is, K-12 schools and school districts, and institutions of higher education) are critical partners in all MSP projects. Specifically, administrators, mathematics and science teachers and guidance counselors in K-12 partner organizations join forces with disciplinary faculty in mathematics, science and/or engineering, education faculty and administrators in higher education partner organizations in activities developed to effect deep, lasting improvement in K-12 mathematics and science education. Furthermore, K-20 partner organizations commit to implementing the coordinated K-20 institutional change necessary to sustain partnerships' successes in the long-term; this includes the continued participation of mathematics, science and engineering faculty in work that clearly results in improved K-12 student and teacher learning.

Math and Science Partnership: Research, Evaluation, and Technical Assistance (MSP RETA) (nsf#03541)
The Math and Science Partnership (MSP) program builds on the nation’s dedication to improve mathematics and science education through support of partnerships that unite the efforts of local school districts with faculties of colleges and universities, especially disciplinary faculties in mathematics, science and engineering, and with other stakeholders. The MSP program seeks to improve student outcomes in mathematics and science for all students, at all K-12 levels.

NSF Graduate Teaching Fellows in K-12 Education (nsf#03532)
This program supports fellowships and associated training that enable graduate students and advanced undergraduates in science, technology, engineering, and mathematics to serve in K-12 schools as resources knowledgeable about both the content and applications of these disciplines. Academic institutions apply for awards to support

fellowship activities. The Fellows serve as resources for teachers in science and mathematics instruction. Expected outcomes include improved communication and teaching skills for the Fellows, enriched learning by K-12 students, professional development opportunities for GK-12 Teachers, and strong partnerships between institutions of higher education and local school districts.

NSF's Tribal Colleges and Universities Program: Nations United in Improving Science and Technology Education for Native Americans - TCUP (nsf#02072)
To help guide implementation of executive order #13021 on Tribal Colleges and Universities, signed by President William J. Clinton on October 19, 1996, the Office of the White House Initiative on Tribal Colleges and Universities and Tribal College Presidents have met frequently to discuss their priorities. In 1998, the Tribal Colleges established five priorities for initial implementation of the order. These priorities are expected to evolve and change over time. They include: core-funding, infrastructure - capital development, institutional development, private sector involvement, and tribal sovereignty and community self-sufficiency.

National Science, Technology, Engineering, and Mathematics Education Digital Library - NSDL (nsf#03530)
Building on work supported under the multi-agency Digital Libraries Initiative, this program aims to establish a national digital library that will constitute an online network of learning environment and resources for science, technology, engineering, and mathematics (STEM) education at all levels. In FY 2003, the program will accept proposals in three tracks.

Partnerships for Innovation - PFI (nsf#03521)
The goals of the Partnerships for Innovation Program are to: (1) stimulate the transformation of knowledge created by the national research and education enterprise into innovations that create new wealth, build strong local, regional and national economies and improve the national well-being; (2) broaden the participation of all types of academic institutions and all citizens in NSF activities to more fully meet the broad workforce needs of the national innovation enterprise; and (3) catalyze or enhance enabling infrastructure necessary to foster and sustain innovation in the long-term. To develop a set of ideas for pursuing these goals, this competition will support 15-25 promising partnerships among academe, state/local/federal government and the private sector that will explore new approaches to support and sustain innovation

Science, Technology, Engineering, and Mathematics Talent Expansion Program (nsf#03548)
The Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) seeks to 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). For FY 2003, Type 1 proposals are solicited which provide for full implementation efforts at academic institutions. Type 2 proposals are solicited which provide for educational research projects on associate or baccalaureate degree attainment in STEM.

Science, Technology, Engineering and Mathematics Teacher Preparation (nsf#02130)
The Science, Technology, Engineering and Mathematics Teacher Preparation (STEMTP) program responds to the critical need for qualified teachers of mathematics and science in elementary and secondary schools. The program supports efforts to develop exemplary science and mathematics preK-12 teacher education models that produce and retain effective teachers who have the skills, confidence, and commitment to enable all students to attain high standards of achievement in mathematics, science, engineering, and technology. Partnerships involving institutions of higher education and K-12 school districts will address local needs in terms of teacher shortages by developing and implementing effective strategies for recruiting prospective teachers with strong backgrounds in science and mathematics into teacher certification programs and retaining them in the teacher workforce. Projects will address such areas of local need as workforce diversity, urban or rural teacher shortages, and shortages within specific disciplines or grade levels. The STEMTP program complements the NSF Math and Science Partnership.

Teacher Professional Continuum - TPC (nsf#03534)
TPC addresses critical issues and needs regarding the recruitment, preparation, enhancement, and retention of science, technology and mathematics (STM) teachers for grades K-12. Its goals are to improve the quality and coherence of the learning experiences that prepare and enhance STM teachers; to develop innovative resources that prepare and support STM teachers and school and district administrators; to research and develop models and systems that support the teacher professional continuum; to research teacher learning and its impact on teaching practice; and to disseminate this research as well as innovative models and resources to a national audience.

Tribal Colleges and Universities Program Solicitation (nsf#02163)
This program provides awards to enhance the quality of science, technology, engineering and mathematics (STEM) instructional and outreach programs, with an emphasis on the leveraged use of information technologies at Tribal Colleges and Universities, Alaskan Native-serving Institutions and Native Hawaiian-serving institutions. Support is available for the implementation of comprehensive institutional approaches to strengthen STEM teaching and learning in ways that improve access to, retention within and graduation from STEM programs, particularly those that have a strong technological foundation. Through this program, assistance is provided to eligible institutions in their efforts to bridge the digital divide and prepare students for careers in information technology, science, mathematics and engineering fields. Proposed activities should be the result of a careful analysis of institutional needs, address institutional and NSF goals, and have the potential to result in significant and sustainable improvements in STEM program offerings. Typical project implementation strategies include curriculum enhancement, faculty professional development, undergraduate research and community service, academic enrichment, infusion of technology to enhance STEM instruction, collaborations, and other activities that meet institutional and community needs.

2003 PAESMEM - Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (nsf#03503)
The PAESMEM Program seeks to identify outstanding mentoring efforts that enhance the participation of groups (e.g. women, minorities, and persons with disabilities) that are underrepresented in science, technology, engineering, and mathematics. The awardees serve as leaders in the national effort to develop fully the Nation's human resources in science, technology, engineering, and mathematics.

III. US Department of Energy

http://www.energy.gov/scitech/sub/education.html

The Science, Technology, Education and Information link, provides information on research, internships, fellowships, science information websites and online science publications.

Support for Schools
http://www.energy.gov/school/sub/supportschools.html
This link provides free items and initiatives to help your school thrive.

Training Future Leaders
http://www.energy.gov/future/sub/trainingleaders.html
This link provides information on internships, fellowships, The Invention Contest for Kids, The National Science Bowl, Oak Ridge Institute for Science and Technology, Rube Goldberg Machine Contest, and student technology competitions.

IV. US Department of Commerce

http://www.ta.doc.gov/default.htm

The Technology Administration (TA) is the only Federal agency working to maximize technology's contribution to America's economic growth. Here you will find information about our programs, services, press releases, publications, and speeches. Please visit our site regularly to find all the latest news from TA and its three agencies:

The Office of Technology Policy (OTP) http://www.ta.doc.gov/OTPolicy/default.htm, The National Institute of Standards and Technology (NIST) http://www.nist.gov, and The National Technical Information Service (NTIS) http://www.ntis.gov.

Office of Technology Policy
http://www.ta.doc.gov/OTPolicy/default.htm

Office of Technology Policy (OTP) is the only office in the federal government with the explicit mission of developing and advocating national policies and initiatives that use technology to build America's economic strength. Working in partnership with the private sector to achieve this objective, OTP's goals also include the creation of high-wage jobs and improvements in our quality of life.

V. NASA

http://www.nasa.gov/audience/foreducators/index.html

NASA is committed to helping educators inspire the next generation by providing NASA related educational resources and information.

NASA provides educator workshops and fellowship opportunities.
http://education.nasa.gov/workshop.html

The following is a list of websites for specific NASA educator programs:

NASA Aerospace Education Services Program
http://education.nasa.gov/aesp/index.html - Is a nationwide, free program for teachers, students, and the general public. It is designed to increase awareness and understanding of scientific research and technological development and their place in the world in which we live.

NASA's Educator Resource Centers

http://education.nasa.gov/ercn/index.html - Are located on or near NASA Field Centers, museums, colleges, or other nonprofit organizations. The ERC's provide educators with in-service and preservice training, demonstrations, and access to NASA instructional products.

NASA Explorer Schools – NES **http://explorerschools.nasa.gov/** - Selected School Teams of educators and administrators will join NASA in a three-year partnership for sustained professional development to develop rich learning opportunities in mathematics, science, and technology for students and families.

NASA Faculty Fellowship Program **http://education.nasa.gov/nffp/** - NASA supports a program of faculty fellowships for full-time engineering and science educators at U.S colleges and universities. In a series of collaborations between NASA research and development centers and nearby universities, engineering and science faculty members spend ten weeks working with professional peers on research, during the summer months.

NASA Lunar-Meteorite Sample Loan Program
http://education.nasa.gov/lunar.sample/index.html - Educators can be certified to borrow lunar and meteorite materials by attending a training seminar on security requirements and proper handling procedures. Learn How!

NASA Opportunities for Visionary Academics - NOVA
http://education.nasa.gov/nova/index.html - Works to create, develop and disseminate a national framework for enhancing science, mathematics and technology literacy for preservice teachers in the 21st century.

Urban and Rural Community Enrichment Program (URCEP)
http://education.nasa.gov/urcep/ - Is a NASA Aerospace Education Services Program specifically designed to serve middle school educators and students in urban and rural communities to interesting and broadening educational activities. Special emphasis is placed on communications, logic, and reasoning skills that are curriculum related.

VI. UNIONS

The American Federation of Teachers

http://www.aft.org/scholarships/

The Albert Shanker Fellowship
http://www.aft.org/scholarships/shanker.html

The AFT and the Walter P. Reuther Library of Labor and Urban Affairs at Wayne State University seek applicants for the Albert Shanker Fellowship for Research in Education. This grant provides assistance for advanced graduate students and junior and senior faculty utilizing the AFT archives and the collections related to educational history housed at the Walter P. Reuther Library. Two grants of $500 are awarded in support of research.

The Robert G. Porter Scholars Program
http://www.aft.org/scholarships/index.html
Encourages AFT members in good standing to learn more about labor or further their own career, and to support members' dependents who wish to pursue a career in labor, education, health care or government service.

The Union Plus Credit Card Scholarship Program
http://www.aft.org/scholarships/unionplus_scholarship.html
The Union Plus Scholarship Program, sponsored by the Union Plus Education Foundation, is open to students attending or planning to attend a four-year college or university, a community college or a technical college or trade school. The program is open to members, spouses and dependent children of unions participating in any of the Union Plus programs. Winners are chosen based on academic achievement and potential, character, leadership, social awareness, career goals and financial need.

Teacher Grant Programs
http://www.aft.org/edissues/teachers/grants.htm
This link provides funding sources for school personnel in the following areas: Fine Arts, Foreign Language, Math, Library & Media Services, Science, and Social Studies.

The National Education Association Foundation

http://www.nea.org

http://www.nfie.org/grants.htm

The **NEA Foundation** supports a variety of efforts by teachers, education support professionals, and higher education faculty and staff to improve student learning in the nation's public schools, colleges, and universities.

How to apply for Innovation Grants and Learning & Leadership Grants
http://www.nfie.org/programs/howtoapply.htm

The **NEA Foundation** provides $1,000-$3,000 grants to teachers, education support professionals, and higher education faculty and staff in public schools, colleges, and universities for the purpose of engaging in high-quality professional development or implementing innovative ideas that raise student achievement. Eligible applicants may apply at any time and must follow the directions. All NEA members, including teachers, education support professionals, and higher education faculty and staff, are eligible for the award.

grant guidelines **http://www.nfie.org/programs/grantguides.htm**

The NEA Foundation Award for Teaching Excellence
http://www.nfie.org/programs/teachexcel.htm

Professional Development Partnerships
http://www.nfie.org/programs/partnerships.htm
The NEA Foundation funds systemic demonstration efforts to improve the quality and availability of professional development for public education employees. Application is by invitation only.

VII. State Departments of Education

The following web address has links to every State Department of Education.
http://www.teachercreated.com/links/govstade.html

VIII. References

The following websites list various information on types of funding and resources.

Fundsnet lists current websites of funding sources for general education programs. Also cites government funding sources.
http://www.fundsnetservices.com/educ01.htm

Teacher Created lists websites for private funding, and the how to's of proposal writing.
http://www.teachercreated.com/links/funding.html

IX. Other

The Department of Education provides the following websites for additional information.

Federal Resources

Department of Education
http://www.ed.gov

National Institute for Literacy
http://www.nifl.gov

No Child Left Behind
http://www.NoChildLeftBehind.org

Partnership for Family Involvement in Education
http://www.pfie.ed.gov

The White House
http://www.whitehouse.gov

United States House of Representatives: Committee on Education and the Workforce
http://edworkforce.house.gov/

United States Senate: Committee on Health, Education, Labor, and Pensions
http://www.senate.gov/~labor/

USA Freedom Corps
http://www.usafreedomcorps.gov

National Education Groups

Achieve
http://www.achieve.org

American Federation of Teachers
http://www.aft.org

American Legislative Exchange Council
http://www.alex.org

Association of American Educators
http://www.aaeteachers.org

Black Alliance for Educational Options
http://www.baeo.org

Center for Education Reform
http://www.edreform.com

Core Knowledge Foundation
http://www.coreknowledge.org

Council of Chief State School Officers
http://www.ccsso.org

Council of Great City Schools
http://www.cgcs.org

Education Commission of the States
http://www.ecs.org

Education Consumers Clearing House
http://www.education-consumers.com

Education Leaders Council
http://www.educationleaders.org

Education Excellence Network
http://www.edexcellence.net

The Education Trust
http://www.edtrust.org

GreatSchools.net
http://www.greatschools.net

The Heritage Foundation
http://www.heritage.org

Just for the Kids
http://www.just4kids.org

Manhattan Institute for Policy Research
http://www.manhattan-institute.org

Mathematically Correct
http://www.mathematicallycorrect.com

National Alliance of Black School Educators
http://www.nabse.org

National Association of Elementary School Principals
http://www.naesp.org

National Association of Secondary School Principals
http://www.nassp.org

National Center for Educational Accountability
http://www.measuretolearn.org

National Council on Teacher Quality
http://www.nctq.org

National Council of Teachers of Mathematics
http://www.nctm.org

National Science Teachers Association
http://www.nsta.org

National Council for the Social Studies
http://www.ncss.org

National Council of Teachers of English
http://www.ncte.org

National Reading Panel
http://www.nationalreadingpanel.org

National Right to Read Foundation
http://www.nrrf.org

Pacific Research Institute
http://www.pacificresearch.org

Teach for America
http://www.teachforamerica.org

Utility/Business Education Coalition
http://www.ubec.org

Locate your State Department of Education
http://www.nces.ed.gov/ccd/ccseas.html

Nation-Wide School Locator
http://www.nces.ed.gov/globallocator

Corporate Foundations and Private Funding Sources

I. MATH, SCIENCE AND TECHNOLOGY

Source	Website	Proposal Deadline	Size of Awards	Eligibility	Description
American Honda Foundation [K-16]	http://www.hondacorporate.com/america/index.html?subsection=grant or http://www.hondacorporate.com Investing in America Honda Initiative Grant Program Guidelines	04/21/03	$50,000.	Full-time faculty positions in a university	Proposals that pursue original and novel concepts in science and technology related to mobility and transportation.
Lockheed Martin [K-16]	http://www.lockheedmartin.com/about/community_relations/k-12.html	No deadlines	NA	In general, organizations and projects should be located in communities where Lockheed Martin employees live and work.	K-16 Math and Science Education regional and national programs - the primary focus of Lockheed Martin philanthropy.
Toyota [K-12]	http://www.toyota.com/about/community/fundguidelines/index.html	No deadlines	NA	Toyota prefers to support programs, rather than sponsor events. Organizations must apply each year to the contributions program, and subsequent funding is contingent upon evaluation of previous activities.	Toyota's goal is to electrify the minds of people all ages through our support of education programs. Our partnerships with national nonprofit organizations include programs that address issues such as family literacy, K-12th grade education, technical and higher education as well as environmental education.
Bristol-Myers Squibb Foundation [Higher Education]	http://www.bms.com/aboutbms/founda/data/index.html	No deadlines	NA	Minority medical students Community Based Organizations	The Math and Science Education Program, including the Fellowship Program in Academic Medicine for Minority Students, which encourages greater minority representation in medical research. Contributions to community organizations in countries and localities where Bristol-Myers Squibb maintains offices, manufacturing facilities and research centers
Annenberg Foundation [K-12]	http://www.whannenberg.org Grants Grant Application and Samples Funding Restrictions	No deadlines. Accepts letters of inquiry at all times during the year.	NA	Organizations defined as a public charity and tax-exempt 501(c)(3). Proposals by invitation after review of letter of inquiry.	Letters of inquiry that comply with funding restrictions and address public K-12 education, culture, the arts, and community and civic life.

AOL Time Warner Foundation [K-12]	http://www.aoltimewarnerfoundation.org/ Grant Seekers	No deadlines	NA	Organizations that have 501(c)(3) tax-exempt status.	Program priorities include demonstrated commitment to pioneering innovative ways of (1) equipping kids for the 21st Century (2) Extending internet benefits to all.
AT&T Foundation [K-16]	http://www.att.com/foundation Funding Guidelines	Competitive grants solicited by invitation	NA	All accredited public and private elementary and secondary schools; two and four year institutions of higher learning; and educational nonprofit organizations.	Learning Network Grants that demonstrate effective and innovative uses of technology by promoting family involvement or providing professional development opportunities for teachers. Invitational Grants that address issues of technology in public policy; systemic education reform; academic standards; assessment and accountability; and access to educational opportunities.
Compaq Computer [K-12; non-profits]	http://www.compaq.com Corporate Community Contributions Program	Unsolicited proposals are not encouraged	NA	Function as an educational institution or tax-exempt charitable organization designated as 501(c)(3)	Compaq seeks innovative opportunities where its products, technology, and expertise can contribute to the success of the organization and/or its constituencies. Requests for programmatic support are considered for programs that are educational, utilize technology, or demonstrate outreach to new and/or at-risk populations.
Edward E. Ford Foundation [grades 9-12]	http://www.eeford.org	Contact Foundation. Schools must request a place on the Board agenda prior to submission.	$50,000 or less with a one-to-one match. $100,000 grants with special procedures.	NAIS (National Association of Independent Schools) member independent secondary (grades 9-12) schools and to NAIS-member state and regional associations.	Funds programs in curriculum development, faculty, library programs, annual giving drives, technology, scholarships, teacher intern programs, alcohol and drug education seminars.
The Heinz Endowments [K-12, and LEAs]	http://www.heinz.org Grants	No deadlines. Accepts concise letters of inquiry at all times during the year.	NA	Primarily a regional foundation in southwestern Pennsylvania. All applicants must either have 501(c)(3) status or be a public charity.	The education program seeks to improve educational outcomes for the region's children through programs that expand the network of excellent and innovative schools, increase the pool of highly skilled teachers, take full advantage of technology as a tool for learning, and develop advanced learning tools.

W.K. Kellogg Foundation [K-16]	http://www.wkkf.org Grantseeking Youth & Education/ Higher Education	Does not have specific deadlines. Currently accepting applications for Youth and Education.	NA	Organizations that have 501(c)(3) tax-exempt status.	Programs that mobilize, strengthen, and align systems that affect children's learning using strategies that promote learning, academic performance, and workforce preparation.
The David and Lucille Packard Foundation [K-12]	http://www.packard.org Program Areas Science	85% of science program proposals are awarded in response to invitations for proposals.	117 Grants awarded in 2001 with a medium award of $237,000.	The Foundation provides national grants and also has a special focus on the Northern California Counties of San Mateo, Santa Clara, Santa Cruz, and Monterey.	Grants are awarded to support university-based basic research, to create platforms for greater cooperation among scientists to engage in interdisciplinary research, to develop science leaders for our future, and to improve science education. The science program also supports historically black colleges and universities, tribal colleges, and students and graduates of these institutions.
Alfred P. Sloan Foundation [K-16]	http://www.sloan.org How to Apply for a Grant Programs	No deadlines.	Trustee Grants: NA with 15% indirect Officer Grants: $500-$45,000 with no indirect.	Generally limited to tax-exempt institutions. The Foundation does not normally support elementary or secondary education.	The Foundation assists the National Consortium for Specialized Secondary Schools to promote the success of minorities in mathematics and science.
Toshiba America Foundation [grades 6-12]	http://www.toshiba.com Exploravision	Applications due to NSTA Headquarters. Contact them for deadline information.	Winning students receive EE Savings Bonds valued at $10,000 at maturity.	K-12 students enrolled in public, private, or home schools.	Toshiba and the National Science Teachers Association challenge students to envision the technology of the future through the Exploravision Awards, one of the largest K-12 science and technology competitions in the world.
Raytheon [non-profit organizations]	http://www.raytheon.com/community	No deadlines	More than 50% of their charitable contributions go to SMT education.	Organizations defined as a public charity and tax-exempt 501(c)(3). Preference is given to regional projects that serve the broader community in locations where Raytheon has major facilities.	Raytheon's Charitable Contributions Program emphasizes K-12 math, science and engineering education.

Dupont [All]	http://www.dupont.com/corp/social/educational/index.html Office of Education Barley Mill Plaza 16/2150 P.O. Box 80016 Wilmington, DE 19880-0016	Requests must be submitted in writing and include a one to two page description of the organization and program to be funded, and explain how it relates to the mission, operating philosophy, and areas of support of the DuPont Community Involvement Program.	NA	Grants are given preference to places where DuPont has a presence.	Inquiry-based science and mathematics program in their communities; projects to excite students in STEM careers through national and international competitions, projects that increase underrepresented minorities interested in STEM careers, projects that prepare teachers in science and mathematics.
Alaska Science and Technology Foundation	http://www.dced.state.ak.us/astf/index.cfm	Contact Foundation.	NA	Awards made to several counties within the State.	To improve Alaska's economy and increase the state's science and engineering capabilities.
BellSouth Foundation Opportunity Grants	http://www.bellsouthfoundation.org/grants/og/index.html	April 25.	NA	Maximum $75,000	The Bellsouth Foundation is currently accepting online concept papers for its 2003 Opportunity Grants program. These grants support educators in four-priority areas--leadership, teacher quality, college-going minorities, and technology. Opportunity Grants are awarded once a year.

II. PROFESSIONAL DEVELOPMENT

Source	Website	Proposal Deadline	Size of Awards	Eligibility	Description
The Coca-Cola Foundation [K-16]	http://www2.coca-cola.com/citizenship/foundation_coke.html Our Company Citizenship Foundations	Reviews funding requests at quarterly meetings.	NA	Organizations that have 501(c)(3) tax-exempt status.	Grants are awarded to higher education for pipeline, scholarship, and minority advancement programs and to K-12 education for innovative programs, teacher development, and smaller classroom projects.
Geraldine R. Dodge Foundation [K-12]	http://www.grdodge.org Summaries of Grants Education	November 1	NA	All applicants must either have 501(c)(3) status or be a public entity.	Supports innovative educational thinking, which will ultimately have practical application in New Jersey. Programs to enhance professional development of teachers; educational leaders; systemic change in schools; access to educational excellence for underserved populations; and the creation of model curricula, instruction, and assessments.

Pfizer. Inc. [K-16]	http://www.pfizer.com Grant Guidelines Education	Discourages the submission of unsolicited proposals. Reviews requests throughout the year.	NA	Grants only to nonprofit 501(c)(3) organizations and schools.	Funds teacher professional development, application of technology in schools, and science on the road to schools without equipment.
Lucent Technologies [K-16]	http://www.lucent.com/news/foundation/learning.html	No deadlines	NA	A variety of programs with different eligibility guidelines.	The Foundation primarily supports programs that provide: comprehensive education reform for U.S. urban schools; innovative models for pre-K-12 public school improvement; and innovative work at the university level to improve pre-K-12 education
Inspired Teacher Scholarships for Visual Learning	http://www.inspiration.com/prodev/index.cfm?fuseaction=scholarship	February 28	30 scholarships in the amount of $750 each	K-12 or Higher Education	This scholarship encourages educators to continue professional development in technology, and integrate visual learning into their curriculum.

III. PROGRAM DEVELOPMENT AND RESEARCH

Source	Website	Proposal Deadline	Size of Awards	Eligibility	Description
Bill & Melinda Gates Foundation [Groups interested in lifelong learning]	http://www.gatesfoundation.org Grants Eligibility and Guidelines	Letters of Inquiry or unsolicited proposals are not accepted for K-12 programs. Washington State School Grant program December 2002	NA	Tax-exempt, charitable organizations whose requests fall within program guidelines.	Funds programs in education to support small high schools, Washington State Programs, scholarships, professional development, and research and evaluation.
GE Fund [K-16]	http://www.ge.com/fund Applying for a Grant	Unsolicited applications are highly unlikely to receive a grant.	NA	Non-profit universities and colleges; public K-12 schools; and organizations with 501 (c) (3) status.	The GE Fund operates a continuum of targeted initiatives to increase educational opportunity from pre-college through higher education. Programs include supporting underrepresented students pursuing degrees and faculty positions, K-16 science and math excellence, professional development, program development, and research.

IV. OTHER

Source	Website	Proposal Deadline	Size of Awards	Eligibility	Description
Arthur Vining Davis Foundation [K-12]	http://www.jvm.com/davis Foundation Programs	No deadlines	Private Higher Ed.: $100,000 to $200,000 Secondary Education: $100,000 to $150,000	Private four-year liberal arts institutions with strong emphasis on teaching or larger teaching and research universities with a national reputation for excellence in graduate and undergraduate education. Only in exceptional cases will proposals be accepted directly from private or public schools or school districts	Programs that have a national impact and improve secondary education. For example, projects might be designed to improve professional development for in-service and pre-service teachers, strengthen faculty/teaching skills, support practical research in teacher and high school education, or encourage innovative use of technology and new techniques for presentation of classroom materials in high schools.
DeWitt Wallace –Reader's Digest Fund [K-12]	http://www.wallacefunds.org Education What's New	Contact Foundation for deadline.	50 awards of $50,000	Tax-exempt, non profit organizations and public schools	Projects that show promise for solving practical problems related to attracting, training and supporting principals and superintendents.
Michael Jordan Foundation Initiatives [grades 6-12]	http://www.nikebiz.com/community/jordan_fund.html Education	Due annually on June 15th for the upcoming school-year.	400 grants of $2,500 each	Teachers must be working with public school students in grades six through twelve and at least 40% of the school's student population is eligible for the free or reduced school lunch program.	The Foundation recognizes and rewards teachers who strive above challenges and limited resources to achieve excellence through instructional creativity, innovative teaching and high learning expectations of its students. These grants help teachers purchase resource materials, supplies, software, equipment, field trips and other items required to implement their lessons.
National Geographic [K-12; LEAs]	http://www.nationalgeographic.com/education/teacher_community/get_grant.html Grants Education	Applications are accepted in the Spring from any current teacher or administrator in an accredited school.	$100,000 in grants of up to $5,000 each.	Grants are given directly to educators to facilitate work in the classroom, school, district, and community. Projects that have outreach to urban areas are particularly encouraged.	Projects should seek to improve student achievement through geographic literacy using one or more o the following strategies exploring uses of new technologies; expanding student experiential learning opportunities; providing professional development and mentoring; or engaging families and/or communities in education.
Michael Jordan Foundation Initiatives	http://www.delorisjordan.com http://www.nike.com/nikebiz/nikebiz.jhtml?page=26	NA	Various amounts.	Grants given to a variety of entities.	Offers a variety of programs.

Service Learning Awards	http://www.ysa.org/awards/award_grant.cfm	February 28.	50 grants at $500; 50 grants at $1,500.	Grants awarded to students and educators.	The State Farm Good Neighbor Service-Learning Award enables youth and educators to bring positive benefits of service learning to more young people. Eligible applicants include young people ages 5-25, and teachers to implement service-learning projects for National Youth Service Day 2003.
National Geographic	http://www.nationalgeographic.com/education	NA	Various Amounts.	Teacher Grants.	Purpose: Offers teacher grants to facilitate work in the classroom, school, district and community. Encourage projects with outreach to urban areas.
Mott Foundation	http://www.mott.org/programs/grantseekers.asp	NA	Various Amounts.	Organizations/Non-Profits.	A variety of grants, including environmental.