GRANT OPPORTUNITIES

Topic: Federal Cyber Service: Scholarship for Service (SFS)

Primary Sponsor: National Science Foundation

The Federal Cyber Service: Scholarship for Service (SFS) program seeks to increase the number of qualified students entering the fields of information assurance and computer security and to increase the capacity of the United States higher education enterprise to continue to produce professionals in these fields to meet the needs of our increasingly technological society.

http://www.nsf.gov/cgi-bin/getpub?nsf01167

Topic: TOYOTA Tapestry Grants

Primary Sponsor: Toyota Motor Sales, U.S.A., Inc.

The 2002 Toyota TAPESTRY program will award 50 grants of up to $10,000 each and a minimum of 20 mini-grants of $2,500 each to K-12 science teachers. Interested teachers should propose innovative science projects that can be implemented in their school or school district over a one-year period.

http://www.nsta.org/programs/tapestry/

Information Technology Research (ITR)

Primary Sponsor: National Science Foundation

Information Technology (IT) today pervades science, engineering, education, and society in ways that are still changing and need to be understood. Much of US economic growth is attributed to IT developments, and we now rely on IT for research, education, entertainment, health care, and many other aspects of life. NSF supports research that extends IT, improves our understanding of IT and its effects, and helps prepare Americans for the Information Age.

http://www.nsf.gov/pubs/2001/nsf01149/nsf01149.htm

2002 Guidelines for Submission of Applications for National Science Foundation Graduate Research Fellowships

Primary Sponsor: National Science Foundation

The National Science Foundation (NSF) aims to ensure the vitality of the human resource base of science, mathematics, and engineering in the United States and to reinforce its diversity by offering approximately 900 graduate fellowships each year, including awards for women in engineering and computer and information science. Fellowships provide three years of support for graduate study leading to research-based master's or doctoral degrees in the fields of science, mathematics, and engineering supported by the NSF and are intended for students in the early stages of their graduate study.

http://www.nsf.gov/pubs/2001/nsf01146/nsf01146.htm

Science, Technology, Engineering, and Mathematics Teacher Preparation (STEMTP)

Primary Sponsor: National Science Foundation

The 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.

http://www.ehr.nsf.gov/ehr/DUE/programs/stemtp/

Tech-Prep Demonstration Program

Primary Sponsor: U.S. Department of Education

The Tech-Prep Demonstration Program provides grants to enable consortia described in section 204(a) of Perkins III to carry out tech-prep education projects that involve the location of a secondary school on the site of a community college, a business as a member of the consortium, and the voluntary participation of secondary school students.

http://www.ed.gov/GrantApps/

Education Research

Primary Sponsor: AT&T Foundation

The AT&T Foundation supports initiatives that focus technology and innovation on improving the quality of life in communities served by AT&T. AT&T's support for education is comprehensive. They support an approach that brings together students, teachers, parents and institutions of learning and connects them with technology.

http://www.att.com/foundation/grants.html

Advanced Technological Education (ATE)

Primary Sponsor: National Science Foundation

The ATE program promotes improvement in technological education at the undergraduate and secondary school levels by supporting curriculum development; the preparation and professional development of college faculty and secondary school teachers; internships and field experiences for faculty, teachers, and students; and other activities. With an emphasis on two-year colleges, the program focuses on the education of technicians for the high-technology fields that drive the U.S. economy.

http://www.ehr.nsf.gov/ehr/DUE/programs/ate/

National Science, Mathematics, Engineering, and Technology Education Digital Library (NSDL)

Primary Sponsor: National Science Foundation

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 environments and resources for science, mathematics, engineering, and technology (SMET) education at all levels.

http://www.ehr.nsf.gov/ehr/DUE/programs/nsdl/

Assessment of Student Achievement in Undergraduate Education (ASA)

Primary Sponsor: National Science Foundation

This program supports the development and dissemination of assessment practices, materials (tools), and measures to guide efforts that improve the effectiveness of courses, curricula, programs of study, and academic institutions in promoting student learning in science, mathematics, engineering, and technology. The program also promotes the full integration of assessment with these educational efforts.

http://www.ehr.nsf.gov/ehr/DUE/programs/asa/