

STEM Student Retention and Success Funding Sources

Deadline: 11/2/2007 (passed?) Program Number: 80826
Sponsor: American Association for the Advancement of Science
Merck/AAAS Undergraduate Science Research Program
Contact: 202-326-6670 merck@aaas.org
<http://php.aaas.org/programs/education/merck/>

The sponsor offers support to enhance undergraduate science education in the areas of biology and chemistry and, in particular, to encourage programs that foster understanding of the interrelationship of these sciences. Awards of up to \$60,000 over three years will be made to encourage students to pursue graduate education in biology and chemistry.

Deadline: (partially passed) Proposals due 1/4/08, full proposals due 5/8/08. Program Number: 68588
Sponsor: Directorate for Education and Human Resources/NSF
Information Technology Experiences for Students and Teachers (ITEST)--Youth-Based Projects (EHR--ESIE)
Contact: Sylvia James, Program Director 703-292-5333 sjames@nsf.gov
<http://www.nsf.gov/pubs/2007/nsf07514/nsf07514.htm>

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).

Deadline: 1/16/2008 (various annual grants) Program Number: 59792
Sponsor: Association for Institutional Research
Improving Institutional Research in Postsecondary Education Institutions--Research Grant Program
Sharon Lynn, National Manager for Grants and Contracts 850-385-4155 slynn@airweb2.org
<http://www.airweb.org/?page=818>

Funds of up to \$40,000 annually are provided to conduct research on postsecondary education using the IES-NCES and NSF national databases or conduct studies that increase the understanding and knowledge of a specific issue area identified by the NPEC Executive Committee as critically important to the postsecondary education community.

Deadline: (partially passed) June 26,2008 / October 2, 2008 Program Number: 92731
Sponsor: Institute of Education Sciences/Department of Education
Postsecondary Education Research Program
Contact: Dr. Ram Singh 202-219-2025 Ram.Singh@ed.gov
http://ies.ed.gov/funding/pdf/2009_84305A.pdf
Deadline note: The sponsor encourages, but does not require, applicants to submit letters of intent. The deadlines for letters of intent are May 24, 2007 for the summer competition and September 6, 2007 for the fall competition. Applications must be submitted by June 26, 2008 for the summer competition or October 2, 2008 for the fall competition.

Through the Postsecondary Research program, the Institute supports research to improve postsecondary access and completion by identifying programs, practices, and policies that are effective for improving access to or persistence in postsecondary education.

Deadline: (partially passed) 4/7/2008 Program Number: 45444

Sponsor: Directorate for Education and Human Resources/NSF

Research on Gender in Science and Engineering (GSE)

Contact: Jolene Jesse, Program Director 703-292-7303 jjesse@nsf.gov

<http://www.nsf.gov/pubs/2007/nsf07578/nsf07578.htm>

The program seeks to broaden the participation of girls and women in all fields of science, technology, engineering, and mathematics (STEM) education by supporting research, diffusion of research-based innovations and extension services in education that will lead to a larger and more diverse domestic science and engineering workforce. Typical projects will contribute to the knowledge base addressing gender-related differences in learning and in the educational experiences that affect student interest, performance, and choice of careers; how pedagogical approaches and teaching styles, curriculum, student services and institutional culture contribute to causing or closing gender gaps that persist in certain fields. Projects will disseminate and apply findings, evaluation results, and proven good practices and products to a wider community.

Deadline: 4/30/2008. Program Number: 95732

Sponsor: Directorate for Engineering/NSF

Innovations in Engineering Education, Curriculum, and Infrastructure (IEECI)

Contact: Susan C. Kemnitzer 703-292-5347 skemnitz@nsf.gov

<http://www.grants.gov/search/search.do?oppId=16682&flag2006=true&mode=VIEW>

The sponsor's program supports research which addresses three basic issues related to engineering education: (1) how students best learn the ideas, principles, and practices to become creative and innovative engineers, and how this learning is measured; and (2) research that helps the community understand how to better attract a more talented and diverse student body, in particular U.S. citizens and permanent residents, to all levels of engineering study. This would also include research to understand how to increase student interest in engineering by leveraging partnerships among engineering schools, school districts and exemplary non-profit organizations to recruit and retain engineering students. Finally (3), this program will support projects to investigate potential models for the evaluation of and assessment of how successful teaching, advising, and mentoring leads to improved retention and graduation, and ultimately, to a sound business model for engineering education.

Deadline: 5/21/2008 Program Number: 82496

Sponsor: Directorate for Computer and Information Sciences and Engineering/NSF

Broadening Participation in Computing (BPC)

Contact: Janice Cuny, Program Director 703-292-8489 jcuny@nsf.gov

<http://www.nsf.gov/pubs/2007/nsf07548/nsf07548.htm>

The program aims to significantly increase the number of students who are U.S. citizens and permanent residents receiving post secondary degrees in the computing disciplines, with an emphasis on students from communities with longstanding representation in computing: women, persons with disabilities and minorities. Included minorities are African Americans, Hispanics, American Indians, Alaska Natives, Native Hawaiians, and Pacific Islanders. The program seeks to

engage the computing community in developing and implementing innovative methods to improve recruitment and retention of these students at the undergraduate and graduate levels. An estimated \$14 million is available to fund ten to twenty projects.

Deadline: 5/30/2008 Program Number: 75066

Sponsor: Directorate for Education and Human Resources/NSF

Alliances for Broadening Participation in STEM (ABP)

Contact: Dr. A. James Hicks, Program Director 703-292-8640 ahicks@nsf.gov

<http://www.nsf.gov/pubs/2008/nsf08545/nsf08545.htm>

ABP programs provide complementary support to institutions of higher education in an effort to increase baccalaureate and advanced degree attainment in STEM fields, particularly among underrepresented populations. Program goals are accomplished principally through the formation of alliances among institutions of higher education and between academe, industry and the community.

Deadline: 6/15/2008. Program Number: 95509 (window for full proposals is May 15, 2008 to June 15, 2008).

Sponsor: Directorate for Mathematics and Physical Sciences/NSF

Workforce Program in the Mathematical Sciences

Contact: Bruce Palka 703-292-4856 bpalka@nsf.gov

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503233

The program is interested in activities centered on education through research involvement for trainees at the undergraduate through postdoctoral educational levels. Activities that broaden participation in the mathematical sciences are of significant interest to the Division of Mathematical Sciences.

Deadline: 7/1/2008 Program Number: 84717 Sponsor: National Resource Center Paul P. Fidler Research Grant

Contact: Brad Cox, Coordinator of Research and Public Information 803-777-6225 bradcox@sc.edu

<http://www.sc.edu/fye/research/grant/index.html>

The sponsor offers support for research designed to encourage the development and dissemination of knowledge that has potential to improve the experience of college students in transition.

Deadline: 7/10/2008 (letter of intent due July 10, 2008) Program Number: 49644

Sponsor: Directorate for Education and Human Resources/NSF

NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

Contact: Duncan E. McBride 703-292-4630 dmcbride@nsf.gov

<http://www.nsf.gov/pubs/2007/nsf07524/nsf07524.htm>

Grants of up to \$125,000 per year are awarded to U.S. institutions of higher education to support scholarships for academically talented, financially needy students, enabling them to enter the workforce following completion of an associate, baccalaureate, or graduate level degree in science and engineering disciplines.

Deadline: 8/3/2007 (annually thereafter) Program Number: 92989

Sponsor: Directorate for Mathematics and Physical Sciences/NSF

Partnerships in Astronomy & Astrophysics Research and Education (PAARE)

Contact: Brian Patten 703-292-4910 bpatten@nsf.gov

<http://www.nsf.gov/pubs/2007/nsf07561/nsf07561.htm>

<http://www.grants.gov/search/search.do?oppId=13789&mode=VIEW>

The sponsor provides funding to enhance diversity in astronomy and astrophysics research and education by stimulating the development of formal, long-term, collaborative research and education partnerships between minority serving colleges and universities and the NSF

Astronomical Sciences Division (AST)-supported facilities, projects or faculty members at research institutions including private observatories.

Deadline: 8/29/2008 Program Number: 64551

Sponsor: American Educational Research Association

Research Grants Program

Contact: Ms. Jeanie Murdock 805-964-5264 jmurdock@aera.net

http://www.aera.net/grantsprogram/res_training/res_grants/RGFly.html

The sponsor provides support for education policy- and practice-related research proposals using NCES, NSF, and other national data bases.

Deadline: 11/1/2008 Program Number: 61571

Sponsor: American Society of Mechanical Engineers Auxiliary

Diversity Action Grants Program

Contact: Patty Jo Snyder 202-785-7387 SnyderP@asme.org

http://www.asme.org/Communities/Diversity/Diversity_Action_Grant.cfm

The sponsor provides funding to American Society of Mechanical Engineers (ASME) Student Sections for projects which: promote the inclusion of women and under-represented minorities in ASME Student Sections and in mechanical engineering; inspire K-12 students to excel in science, technology, engineering or mathematics (STEM) education; and/or assist minority- and/or women-owned businesses solve engineering design problems.

Deadline: (ongoing) Program Number: 90823

Sponsor: O'Shaughnessy (I.A.) Foundation

Grants Program

Contact: Administrator info@iaoshaughnessyfdn.org

<http://www.iaoshaughnessyfdn.org/guidelines.htm>

The sponsor provides support for programs and projects that support high quality education that prepares students in disadvantaged communities for educational and life success.

Deadlines: (ongoing – reviewed Feb 1, June 1, and Oct 15) Program Number: 81624

Sponsor: NEA (National Education Association)

Foundation for the Improvement of Education

Grants Program

Contact: 202-822-7840 info@neafoundation.org

<http://www.neafoundation.org/grants.htm>

The sponsor provides grants to support public school teachers, public education support professionals, and/or faculty and staff in public institutions of higher education in either Learning & Leadership or Student Achievement.

Deadlines: various

Sponsor: Department of Education Discretionary Grant Programs

Contact: <http://www.ed.gov/fund/grant/find/edlite-forecast.html>
various

Program Number: 73628

Sponsor: American Psychological Association

Commission on Ethnic Minority Recruitment, Retention and Training in Psychology (CEMRRAT) Grants

Contact: Dennis R. Bourne, Jr, Program Officer 202-336-6029 dbourne@apa.org

<http://www.apa.org/pi/oema/programs/grantsawards.html>

Deadlines: Applications will not be accepted prior to January 1, 2008. Grants are awarded on a first-come-first-served basis.

These small grants are intended to serve as "seed funds" to energize, empower, and support interested individuals, organizations, and educational institutions committed to enhancing ethnic minority recruitment, retention and training in psychology. Emphasis will be placed on the funding of innovative start-up initiatives rather than the maintenance of on-going projects.