

Program	Sponsor	Abstract	Deadline	Amount	Allowable Costs	Eligibility	URL	Notes
NIH								
MARC Undergraduate Student Training in Academic Research (U-STAR) National Research Service Award (NRSA) Institutional Research Training Grant (T34)	National Institutes of Health, National Institute of General Medical Sciences (NIGMS)	Supports undergraduate training to help ensure a diverse & highly trained workforce to support biomedical and behavioral research agenda.; program supports science/math course curricula, pedagogical skills of faculty, & biomedical research training at institutions with significant enrollments of students from underrepresented groups.	25-May-12		Tuition and Fees; Trainee Travel; Training Related Expenses; F&A; Supplements	An eligible institution may apply for and hold only one MARC U-STAR academic and research training grant.	http://grants.nih.gov/grants/guide/pa-files/PAR-10-119.html	VCU is ineligible for another MARC under this FOA. John Ryan was awarded a MARC in FY11 that will not be completed until 2015.
Team-Based Design in Biomedical Engineering Education, Funding Opportunity Announcement (FOA) Research Education Grant (R25)	NIH, National Institute of Biomedical Imaging and Bioengineering (NIBIB) and NICHD	Encourages applications from institutions that propose to establish new or to enhance existing team-based design courses in undergraduate Biomedical Engineering departments or programs; targets undergraduate students at the senior level but may also include junior undergraduates and first-year graduate students.	18-May-12	\$40,000 annually. Project may not exceed 5 years.	Salary for personnel, technical staff. Equipment and supplies for design courses. Participant and Trainee support costs.	Applicant institutions may submit only one application per receipt date	http://grants.nih.gov/grants/guide/pa-files/PAR-10-140.html	Grantees with an active award under this FOA are ineligible to submit another application under the same FOA, with the exception of a renewal application for the existing award.
NIA MSTEM: Advancing Diversity in Aging Research (ADAR) Through Undergraduate Education (R25),	National Institutes of Health	institutional Research Education Grant (R25) to diversify the workforce in aging by (1) supporting undergraduate competency and completion in medicine, science, technology, engineering and mathematics as they relate to aging and, also, by (2) application and transition to graduate study that advances a cadre of students from diverse backgrounds	Cycle 1: January 25, 2012 Cycle 2: May 25, 2012 Cycle 3: September 25, 2012	Direct costs of up to \$350,000 per year may be requested. Project may not exceed 5 years.	Salaries and fringe for designers, directors. Some participant costs. Equipment, supplies, consultant costs. F&A.	Applicant organizations may submit more than one application, provided that each application is scientifically distinct	http://grants.nih.gov/grants/guide/pa-files/PAR-12-016.html	
NIDDK Education Program (R25)	National Institutes of Health	educational opportunities to attract undergraduate students, graduate students, and postdoctoral fellows to careers in areas of research of particular interest to the NIDDK; especially interested in those from disciplines underrepresented in disease-oriented biomedical research, such as engineering, informatics, computer science, and computational sciences	Cycle 1: January 25, 2012 Cycle 2: May 25, 2012 Cycle 3: September 25, 2012	Budgets for direct costs of up to \$100,000/year and a project duration of up to 5 years may be requested for maximum of \$500,000 direct costs over a 5-year project period	Salaries and fringe for designers, directors. Some participant costs. Equipment, supplies, travel.	Applicant organizations may submit more than one application, provided that each application is scientifically distinct.	http://grants.nih.gov/grants/guide/pa-files/PAR-10-092.html	Suzanne Barbour NIDDK award as supplement to STEP-UP grant. NIDDK ended 7/2011?

Short-Term Research Education Program to Increase Diversity in Health-Related Research (R25) (STEP-UP)	National Institutes of Health	providing short-term research education support to stimulate career development in cardiovascular, pulmonary, hematologic, and sleep disorders research; provide research opportunities for underrepresented individuals; research opportunities should be of sufficient depth to enable the participants, upon completion of the program, to help prepare students interested in research to pursue competitive fellowships	27-Oct-11	Although the size of the award may vary within the scope program proposed, total institutional annual direct cost should not exceed \$200,000.	Salaries for directors. Student compensation may not exceed \$740 per week Additional funds up to \$4,000 per student for supplies, per diem and travel (scientific meetings and/or to and from grantee institution) may also be requested.	Applicant organizations may submit more than one application, provided that each application is scientifically distinct. Specific requirements for mentors and student participants.	http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-12-031.html	Suzanne Barbour awarded a STEP-UP grant, 2007-2012.
Research to Understand and Inform Interventions that Promote the Research Careers of Students in Biomedical and Behavioral Sciences (R01)	National Institutes of Health - Dept. of Health and Human Services	This Funding Opportunity Announcement (FOA) issued by the National Institute of General Medical Sciences (NIGMS), National Institutes of Health (NIH) solicits applications that propose research designed to test assumptions and hypotheses regarding social and behavioral factors with the aim of advising and guiding the design of potential interventions intended to increase interest, motivation and preparedness for careers in biomedical and behavioral research.	October 24, 2012, by 5:00 PM local time of applicant organization.	Direct costs are limited to no more than \$250,000 per year. Not to exceed four years	All NIH awards are subject to the terms and conditions, cost principles, and other considerations described in the NIH Grants Policy Statement.	Public/State Controlled and Private Institutions of Higher Education	http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-13-009.html	
DEPARTMENT OF EDUCATION								
Rehabilitation Long-Term Training Program	US Department of Education	program provides financial assistance for projects that (1)provide basic or advanced training leading to an academic degree in areas of personnel shortages in rehabilitation; (2)provide a specified series of courses or program of study leading to award of a certificate in areas of personnel shortages in rehabilitation; and (3)provide support for medical residents enrolled in residency training programs in the specialty of physical medicine and rehabilitation	6/6/12 (?)	\$ 100,000.00	Student stipends; Tuition and fees; Student travel in conjunction with training assignments; 10% cost-share required		http://www.gpo.gov/fdsys/pkg/FR-2011-04-20/html/2011-9625.htm	1 award estimated to be made in FY11

Undergraduate International Studies and Foreign Language (UISFL) Program	US Department of Education	The UISFL program provides funds to plan, develop, and carry out programs to strengthen and improve undergraduate instruction in international studies and foreign languages. Each program assisted with federal funds must enhance primarily the international academic program of the institution.	Waiting for new publication. Original deadline was Mar 30, 2011	Expected Number of Awards: 28 Estimated Total Program Funding: \$2,409,660 Award Ceiling: \$160,000	Program has a cost matching requirement.	Eligible Applicants: (1) IHEs; (2) Consortia of IHEs; (3) Partnerships between nonprofit educational organizations and IHEs; and (4) Public and private nonprofit agencies and organizations	http://www.grants.gov/search/search.do?mode=VIEW&oppId=69313	http://www.gpo.gov/fdsys/pkg/FR-2011-02-08/pdf/2011-2775.pdf
NSF								
Research Experiences for Undergraduates (REU)	National Science Foundation -- all areas of research	2 mechanisms for support of student research: (1) independent proposals to initiate and conduct projects that engage a number of students in research. (2) REU Supplements for ongoing NSF-funded research projects or component of proposals for new or renewal grants. The Education and Human Resources program facilitates highly innovative educational activities in the earth sciences, including efforts to increase the diversity of participants and involve leading researchers in education.	8/22/2012 (4th Wednesday in august each year)	typical award is \$75,000 - \$110,000 - depends on number of students; NSF does not put an upper limit	Administrative maximum allowance of 25% of participant support stipend in lieu of IDC; Project costs predominantly for student support; may include such items as participant stipends, housing, meals, travel, or laboratory use. In general, tuition costs are not allowed. In general, allow no more than one month of summer salary for the PI		http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=5517	NOT a limited submission; can have several REUs; currently Suzanne Ruder has a REU

BIO REU - Travel Funds for Students	National Science Foundation - Biology/Oceanography	Through the generous support of the National Science Foundation (NSF DBI 1048864-1129623) and the efforts of the BIO REU Leadership Committee funds are now available to support student travel to present their research at scientific meetings. Students may receive up to \$1,000 in travel reimbursement. Students who participated in an organized research program (BIO REU, OCE REU, other REU, etc) in 2009 onward are eligible to apply. Priority will be given for one student per REU site although additional funds may be available. For questions or	Applications will be accepted on a rolling basis. Students should apply for funding no less than 3 months prior to the meeting to ensure that we are able to reimburse them in a timely manner.	Up to \$1,000.	Once students receive notification of award (mentors and Program Directors will also be notified) students will complete forms that will enable reimbursement. Reimbursable expenses include conference registration fees, travel, lodging and per diem expenses.	Students who have completed an undergraduate research experience in the biological or oceanographic sciences are eligible to receive funding to present their research at a scientific meeting. Students who will attend but not	http://www.bioreu.org/node/18	Preference will be given to one student per BIO REU (or other eligible undergraduate research program). We realize that every program has many "stars" and we ask that you limit your recommendation to one student who has participated in your program.
STEP - Science, Technology, Engineering, and Mathematics Talent Expansion Program	National Science Foundation	The Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) seeks to increase the number of students (U.S. citizens or permanent residents) receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). Type 1 proposals are solicited that provide for full implementation efforts at academic institutions. Type 2 proposals are solicited that support educational research projects on associate or baccalaureate degree attainment in	9/25/12, 9/26/13	May request up to a total of \$2.0 million for five years.		Type 1 proposals are invited from academic institutions accredited in, and having a campus located in the United States and its territories, from consortia thereof, or from nonprofit organizations that have established consortia among	http://www.nsf.gov/pubs/2011/nsf11550/nsf11550.htm#awd_info	Limited to institutions that have not previously been a lead institution on a STEP type grant
EAR Education and Human Resources program.	National Science Foundation -- Division of Earth Sciences (EAR)	Facilitates highly innovative educational activities in the earth sciences, including efforts to increase the diversity of participants and involve leading researchers in education. Undergraduate education activities are supported under the REU program.	8/22/2012 (4th Wednesday in august each year)	typical award is \$75,000 - \$110,000 - depends on number of students; NSF does not put an upper limit	Administrative max allowance of 25% of participant support stipend in lieu of IDC; Project costs predominantly for student support; may include such items as participant stipends, housing, meals, travel, or laboratory use. In general, tuition costs are not allowed. In general, allow no more than one month of summer salary for the PI		http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=13414	NOT a limited submission; can have several REUs;

Research in Undergraduate Institutions (RUI)	National Science Foundation.	The RUI activity supports research by faculty members of predominantly undergraduate institutions through the funding of (1) individual and collaborative research projects, (2) the purchase of shared-use research instrumentation, and (3) Research Opportunity Awards for work with NSF-supported investigators at other institutions. All NSF directorates participate in the RUI activity. RUI proposals are evaluated and funded by the NSF programs in the disciplinary areas of the proposed research.	Full Proposal Accepted Anytime	Awards for faculty research projects for period of 3 years; awards for shared-use major instrumentation for a period of 1 to 2 years. annual award size of faculty projects has ranged from \$10,000 to over \$100,000.	Consultation with the cognizant NSF disciplinary program officer is strongly encouraged to determine if the proposed budget is within the appropriate funding range for the particular program and circumstances.	"Predominantly undergraduate" institutions (see details in link). P.I. may not award PhDs, offer doctoral courses, or supervise doctoral research.	http://www.nsf.gov/pubs/2000/nsf00144/nsf00144.htm	(VCU may not be eligible for this based on the NSF definition of "predominantly undergraduate" institutions.)
Computing Education for the 21st Century (CE21) program	National Science Foundation	aims to build a computationally savvy 21st century workforce; focuses special attention on activities targeted at the middle and high school levels and in early undergraduate education. All projects are expected to (1) contribute to the creation of a rich research base that informs our understanding of effective teaching and learning in computing; and (2) draw on partnerships among the computing and teaching and learning communities, institutions of learning, including primary, secondary and post-secondary institutions and organizations, and other stakeholders.	Last Wednesday in April annually.	Type I projects will be funded at a level of up to \$1 million total for up to 3 years. Type II projects will be funded at a level of up to \$10 million total for up to 5 years. Planning Grants will be funded at a level of up to \$200,000 total for up to 18 months.	There exist three unique categories of proposal (Type1, Type 2, Planning Grant) each with its own respective costs. See website for full details.	An individual may participate as PI or Co-PI in no more than two (2) proposals submitted to a single deadline, although an individual may participate in additional proposals as a Senior Personnel.	http://www.nsf.gov/pubs/2010/nsf10619/nsf10619.htm	The CE21 program especially encourages proposals that align with, and promise to contribute to, the success of the NSF-initiated CS 10K Project. (See http://www.computingportal.org/cs10k)

Transforming Undergraduate Education in STEM, (TUES)	National Science Foundation	seeks to improve the quality of STEM education for all undergraduate students; especially encourages projects that have the potential to transform undergraduate STEM education, for example, by bringing about widespread adoption of classroom practices that embody understanding of how students learn most effectively. Type 1 projects contribute to understanding undergraduate STEM education. Type 2 projects address more than one program component, or a single component at a scale that goes well beyond a single institution. Type 3 projects are intended to support large scale efforts.	January 13, 2012 For Type 2 and 3 proposals and for TUES Central Resource Project proposals. May 29, 2012 For Type 1 proposals from submitting organizations located in states or territories beginning with N through W.	\$35,800,000 through this solicitation for new and ongoing awards, pending availability of funding. 94 to 108 including 70 to 75 Type 1 awards, 20 to 25 Type 2 awards, 3 to 5 Type 3 awards and 1 to 3 TUES Central Resource Project awards	Restrictions on use of funds, particularly as it relates to equipment purchases that are not primarily for use in the project	Organization Limit: None Specified PI Limit: None Specified Limit on Number of Proposals per Organization: None Specified Limit on Number of Proposals per PI: None Specified	http://www.nsf.gov/pubs/2010/nsf10544/nsf10544.htm	
Nanotechnology Undergraduate Education (NUE) in Engineering	National Science Foundation	The focus of this year's competition is on nanoscale engineering education with relevance to devices and systems and/or on the societal, ethical, economic and/or environmental issues relevant to nanotechnology.	Annually every 3rd Wed. in April?	Estimated Number of Awards: 10 pending the availability of funds. Each award will be up to a maximum of \$200,000 for two years.	Cost Sharing: Inclusion of voluntary committed cost sharing is prohibited	lead PI must hold a faculty appointment Limit on Number of Proposals per Organization: 1 Limit on Number of Proposals per PI: 1	http://www.nsf.gov/pubs/2011/nsf11524/nsf11524.htm	
Scholarships in Science, Technology, Engineering and Mathematics (STEM)	National Science Foundation	grants to institutions 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. The S-STEM program emphasizes the importance of recruiting students to science and engineering disciplines, mentoring and supporting students through degree completion, and partnering with employers to facilitate student career placement	Annually every 2nd Thursday in August.	Anticipated Funding Amount: \$50,000,000 to \$70,000,000 annually, pending availability of funds. Awards are normally not expected to exceed \$600,000 in total. Annual budgets are limited to \$225,000.	No indirect costs are allowed. Other Budgetary Limitations: Additional funds up to 15% of the total scholarship amount may be requested for expenses related to program administration (up to 5%) and student services (up to 10%).	The PI must be a faculty member currently teaching in one of the S-STEM disciplines. An Institution may submit one proposal from each school or college that awards degrees in an eligible field.	http://www.nsf.gov/pubs/2009/nsf09567/nsf09567.htm	One proposal per each constituent school or college that awards degrees in the field.

Federal Cyber Service: Scholarship for Service (SFS)	National Science Foundation	seeks to increase the number of qualified students entering the fields of information assurance and computer security. The Scholarship Track provides funding to colleges and universities to award scholarships to students in the general area of information assurance and security for the final two years of undergraduate study, or for two years of master's-level study, or for the final two years of Ph.D.-level study. The SFS Capacity Building Track provides funds to colleges and universities to improve the quality and increase the production of information assurance and computer security professionals.	Waiting for New Publication Deadline for 2011 was February 11.	6-8 Scholarship Track awards and 7-9 Capacity Building Track awards Scholarship awards are usually funded as continuing grants over a four-year period.		Limit on Number of Proposals per Organization: 2 An organization may submit one Scholarship Track proposal and one Capacity Building Track proposal	http://www.nsf.gov/pubs/2011/nsf11506/nsf11506.htm	
Workforce Program in the Mathematical Sciences	National Science Foundation	funding for improvements in recruitment, retention, education, and placement of trainees in the mathematical sciences. The program's primary interest is in activities centered on education through research involvement for trainees at the undergraduate through postdoctoral educational levels.	Full Proposal Window: May 15, 2012 - June 15, 2012	No fixed limit. Majority of recent awards are for \$135,000 but not limited to that amount.	Consultation with the cognizant NSF disciplinary program officer is strongly encouraged to determine if the proposed budget is within the appropriate funding range for the particular program and circumstances.	Integration of Research and Education. Integrating Diversity into NSF Programs, Projects, and Activities	http://www.nsf.gov/funding/pgm_summ.jsp?pid=503233	
General Age Related Disabilities Engineering (GARDE)	National Science Foundation	research that will lead to the development of new technologies, devices, or software for persons with disabilities. Undergraduate Engineering Design Projects are also supported.	Waiting for new publication. Original closing date was September 15, 2011.	The duration of Undergraduate Engineering Design Projects is three to five years. The average annual award size is \$25,000.	Not stated.	The PI and the students work with institutions providing care or education for individuals with disabilities.	http://www.nsf.gov/funding/pgm_summ.jsp?pid=501021	The proposal must include a short description of ten possible design projects suitable for an undergraduate student(s) to complete in about one year.

Broadening Participation Research Initiation Grants in Engineering 2012 (BRIGE)	National Science Foundation	The goal is to increase the number of proposals from individuals who can serve as role models and mentors for an increasingly diverse engineering student population. BRIGE aims to support innovative research and diversity plans that contribute to recruiting and retaining a broad representation of engineering researchers especially those from groups that are underrepresented in the engineering population.	20-Jan-12	\$150,000 - \$200,000/award for up to 25-30 awards for FY 2012 pending the availability of funds	Funds should be budgeted for the PI to attend an annual two day Grantees' Conference in Arlington, VA.	Only one investigator per proposal is allowed; Support for graduate students and undergraduate students, is highly encouraged.	http://www.nsf.gov/pubs/2011/nsf11576/nsf11576.htm	The PI must NOT have previously served as principal investigator, co-PI, or senior personnel on any research grants and/or contracts, the combined total of which exceeds \$50,000. The PI has held a fulltime, tenure-track faculty position for less than three years.
Political Science Program	National Science Foundation	supports scientific research that advances knowledge and understanding of citizenship, government, and politics. The program has supported research experiences for undergraduate students and infrastructural activities, including methodological innovations, in the discipline.	Two Deadlines: Full Proposal Target Date: January 15, 2012 Full Proposal Target Date: August 15, 2012	Maximum of \$14,000 in direct costs.	Budget should also include "indirect costs" separate from the \$14,000 direct costs associated with the project.	No restrictions stated.	http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=5418	
Research Training Groups in the Mathematical Sciences (RTG)	National Science Foundation	The long-range goal of the Division of Mathematical Sciences (DMS) Workforce program is to increase the number of well-prepared U.S. citizens, nationals, and permanent residents who pursue careers in the mathematical sciences and in other NSF-supported disciplines. The Research Training Groups in the Mathematical Sciences (RTG) activity is a part of the Workforce program.	Full Proposal Deadline Date: June 5, 2012 First Tuesday in June, Annually Thereafter	Anticipated funding amount is \$10,000,000, subject to the availability of funds. NSF anticipates awarding 3 to 10 awards (varies with type and size of projects)	See Section 6 "Project Budget" at http://www.nsf.gov/pubs/2011/nsf11540/nsf11540.htm#budget_shr_txt	Engage Participants: Participating undergraduates, graduate students and postdoctoral associates supported with NSF funds in RTG	http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=5732	
Engineering Research Centers (ERC)	National Science Foundation	The goal of the Generation Three (Gen-3) Engineering Research Centers (ERC) Program is to create a culture in engineering research and education that links discovery to technological innovation through transformational fundamental and engineered systems research in order to advance technology and produce engineering graduates who will be creative U.S. innovators in a	Letter of Intent: July 15 2012 Full Proposal: September 16, 2012	approximately \$9,750,000 is expected to be available to support up to three new Gen-3 Nanosystems ERCs (NERCs) in late summer of 2012,	Cost Sharing is required.	Only U.S. universities with undergraduate, masters, and doctoral engineering programs with the breadth and depth appropriate to support the	http://www.nsf.gov/pubs/2011/nsf11537/nsf11537.htm	

Ethics Education in Science and Engineering (EERE)	National Science Foundation	The EERE program accepts proposals for innovative research and educational projects to improve ethics education in all of the fields of science and engineering that NSF supports, Proposals must focus on improving ethics education for graduate students in those fields or on developing summer post-baccalaureate ethics-education activities or other activities that transition students from undergraduate to graduate education.	Full Proposal Deadline Date: March 1, 2012	Estimated Number of Awards: 6 to 10 Anticipated Funding Amount: \$3,000,000 subject to the availability of funds	The maximum award amount is expected to be \$300,000 inclusive of indirect costs; maximum duration is expected to be 36 months.	may submit only one proposal as the lead organization.	http://www.nsf.gov/pubs/2011/nsf11514/nsf11514.htm	
OTHER FEDERAL								
Curriculum Improvement Partnership Award for the Integration of Research (CIPAIR)	National Aeronautics and Space Administration (NASA)	The curriculum changes may range over a broad spectrum - from modifications of existing courses, the addition of new courses within a discipline, or the realignment of subject matter among several disciplines. The proposal should be directed toward NASA science, engineering, and technology priorities	Waiting for new publication. Original deadline was March 16, 2011.	Institutional awards range from \$50K per year for focused, limited efforts up to \$300K per year for extensive activities.	No Facilities construction. Travel, supplies, equipment.	Minority institutions only. (MI). Other Minority-Serving Institutions (MSI) Community Colleges . Single PI only.	http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solld={23F06085-40CE-E54E-E438-4C6C70BA38C2}&path=open	VCU may not be eligible based on the DOE list of designated Mis.
High School Apprenticeship Program (HSAP) / Undergraduate Research Apprenticeship Program (URAP)	US Department of Defense	HSAP/URAP will fund the STEM apprenticeship of promising high school juniors, seniors, and undergraduate college students to work in a university structured research environment under the direction of existing ARO-sponsored principal investigators (PI) serving as mentors. This competition is open to existing single-investigator grant recipients.	Waiting on new publication. Original deadline was Apr. 8, 2011.	Funding ceiling \$300,000.	No restrictions listed. See Eligibility requirements.	made as add-ons to existing investigator grants, MURI grants, and University Affiliated Research Centers (UARCs) that have at least 12 months' period of performance remaining from the date of proposal submission.	http://www.arl.army.mil/www/default.cfm?page=8	

Enduring Questions grant program	National Endowment for Humanities (NEH)	supports the development of a new course that will foster intellectual community through the study of an enduring question. This course will encourage undergraduates and teachers to grapple with a fundamental question addressed by the humanities, and to join together in a deep and sustained program of reading in order to encounter influential thinkers over the centuries and into the present day. The course is to be developed by one or more (up to four) faculty members, but not team taught. Enduring Questions courses must be taught from a common syllabus and must be offered during the grant period at least twice by each faculty member involved in developing the course.	Waiting for new publication. Original deadline was Sept. 15, 2011.	\$25,000 in outright funds for projects serving a single institution for eighteen to thirty-six months. In addition to the \$15,000 stipend for the faculty member(s) to develop the course, applicants may request no more than \$10,000 for materials, development, etc.	Faculty stipend, materials, development, dissemination.	Project directors may be tenured, tenure-track, non-tenure-track, or adjunct faculty members at a two-year or four-year college or university.	http://www.neh.gov/grants/guidelines/EnduringQuestions.html	Specifically for the development of new courses.
FAZD Center for Request for Proposals	National Center for Foreign Animal and Zoonotic Disease Defense	supports research across three major themes: Biological Systems (BIO), Information Analysis Systems (IAS), and Education and Outreach Systems (EOS). The Curriculum Implementation priority concerns the adoption and/or diffusion of blended learning environments that inform undergraduate and community-college level students on the laboratory based and field deployable next generation technologies (e.g. arrays, nanotechnology, biosensors) to facilitate foreign animal disease prevention, response and recovery.	April 27, 2012- White Papers due for Review #2; May 25, 2012- Full proposals due for Review #2 October 5, 2012- White Papers due for Review #3; November 2, 2012- Full proposals due for Review #3	Award ceiling is \$250,000/ year per project.	Personnel, Travel, Equipment, Supplies, Consulting services, Sub-awards, other direct costs.	Project must be completed within a 24 month period or less and should relate to biological systems, information analysis systems, education and outreach systems.	http://fazd.tamu.edu/2011/06/open-call-for-proposals/	

Cooperative Training Partnerships in Environmental Sciences Research	Environmental Protection Agency	The purpose of these assistance agreements is to provide training opportunities for undergraduate students, graduate students, and postdoctoral associates candidates whose areas of interest coincide with and/or complement ongoing research at ORD i.e., Toxicology, Pharmacokinetics, Carcinogenesis, Environmental Epidemiology, Biostatistics/Modeling, Sustainability and Systems Thinking, Risk and Exposure Assessment, Emissions Estimation, Life Cycle Analyses, and Risk Management and Mitigation.	Waiting for new publication. Original deadline was Apr. 11, 2011.	Expected Number of Awards: 5 Estimated Total Program Funding: \$12,000,000 Award Ceiling: \$5,000,000 Award Floor: \$200,000.	Student stipends; Tuition and fees; Student travel in conjunction with training assignment	(Federally-Funded Research and Development Centers, "FFRDCs") may not apply. Institutional cost-sharing is not required.	http://www.epa.gov/nheerl/research_opportunities.html	Not clear if this is a continuing annual opportunity.
PRIVATE FOUNDATIONS								
Institutional Awards, Summer Undergraduate Research Fellowships (SURF)	American Society of Pharmacology and Experimental Therapeutics (ASPET)	The purpose of the program is to introduce undergraduate students to pharmacology research. These awards will support a summer undergraduate fellowship program. The fellowship program should include research projects that students will pursue under supervision and other activities available to the students, e.g. seminars, lectures, courses, etc. Efforts should be made to include women and minorities.	Application Deadline for Institutional Awards: October 1, 2012 Application Deadline for Individual Awards: March 1, 2012	Institutional Awards: \$9,000 for an undergraduate fellowship program. Students to receive a min. \$2,800 stipend for a minimum of ten weeks participation.	Institutional Awards: Awards are normally made for three (3) years. No indirect costs will be provided. All funds shall be used for student stipends/wages only. directly to institutions.	Application should be made by a Program Director who must be an ASPET Regular member in good standing.	http://www.aspet.org/awards/SURF/	PI/Mentor must be a registered member of ASPET.

Senior Scientist Mentor Program	Camille and Henry Dreyfus Foundation, Inc	The Camille and Henry Dreyfus Foundation supports emeritus faculty who maintain active research programs with undergraduates in the chemical sciences. The Senior Scientist Mentor Program provides an award for undergraduate stipends and modest research support. Faculty with emeritus status on or before October 2012, and who maintain active research programs in the chemical sciences, may apply to the program. Successful applicants are expected to be closely engaged in a mentoring relationship with undergraduate students.	12-Sep-12	\$20,000 over two years for undergraduate stipends and modest research support.	Intended mostly for undergraduate stipends. No faculty salary permitted. No indirect costs or institutional overhead allowed.	US Institutions offering BS or higher in chemical sciences, including biochemistry, materials chemistry, and chemical engineering.	http://www.dreyfus.org/awards/senior_scientist_mentor.shtml	
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