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| Closed | National Institutes of Health | N/A  Please email [limitedsubmissions@udel.edu](mailto:limitedsubmissions@udel.edu) before initiating proposal. In the email provide the title of the proposal and one or two sentences describing the equipment being requested. | Preliminary Proposal: N/A  Full Proposal:  03/23/11 | [NIH PAR-11-081](http://grants.nih.gov/grants/guide/pa-files/PAR-11-081.html)  [Shared Instrumentation Grant Program (S10)](http://grants.nih.gov/grants/guide/pa-files/PAR-11-081.html) | The NCRR Shared Instrument Grant (SIG) program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of expensive, specialized, commercially available instrumentation or an integrated system that costs at least $100,000. The maximum award is $600,000. Types of instruments supported include confocal and electron microscopes, biomedical imagers, mass spectrometers, DNA sequencers, biosensors, cell-sorters, X-ray diffraction systems, and NMR spectrometers among others. | There is no limit on the number of applications an institution may submit provided the applications are for different types of equipment. |
| Closed | National Science Foundation | 04/01/11 | Letter of Intent: 05/02/11  Full Proposal: 07/01/11 | [NSF 11-533](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11533)  [Integrative Graduate Education and Research Traineeship Program](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11533) | The Integrative Graduate Education and Research Traineeship (IGERT) program has been developed to meet the challenges of educating U.S. Ph.D. scientists and engineers with interdisciplinary backgrounds, deep knowledge in chosen disciplines, and technical, professional, and personal skills. The program is intended to establish new models for graduate education and training in a fertile environment for collaborative research that transcends traditional disciplinary boundaries.  It is also intended to facilitate diversity in student participation and preparation, and to contribute to a world-class, broadly inclusive, and globally engaged science and engineering workforce.  Building upon the IGERT platform, the purpose of this IGERT solicitation is to support new models in graduate education in which students are engaged in an environment that supports innovation to learn through hands-on experience how their own research may contribute in new ways to benefit society and to learn the processes for the successful implementation of such contributions. | 1 |
| Closed | National Institutes of Health | 04/01/11 | Letter of Intent: 04/18/11  Full Proposal:  05/18/11 | [NIH PAR-10-140](http://grants.nih.gov/grants/guide/pa-files/par-10-140.html)  [Team-Based Design in Biomedical Engineering Education (R25)](http://grants.nih.gov/grants/guide/pa-files/par-10-140.html) | This FOA, issued by the National Institute of Biomedical Imaging and Bioengineering (NIBIB) and the *Eunice K. Shriver* National Institute of Child Health and Human Development (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. This FOA targets undergraduate students at the senior level but may also include junior undergraduates and first-year graduate students. Courses that address innovative and/or ground-breaking development, multidisciplinary/interdisciplinary training, and diversity recruitment are especially encouraged. | 1 |
| Closed | National Science Foundation | 03/15/11 | Preliminary Proposal: 05/30/11  Full Proposal: 02/03/12 | [NSF 11-522](http://www.nsf.gov/pubs/2011/nsf11522/nsf11522.pdf)  [Science & Technology Centers: Integrative Partnerships](http://www.nsf.gov/pubs/2011/nsf11522/nsf11522.pdf) | The Science and Technology Centers (STC): Integrative Partnerships program supports innovative, potentially transformative, complex research and education projects that require large-scale, long-term awards. STCs conduct world-class research through partnerships among academic institutions, national laboratories, industrial organizations, and/or other public/private entities, and via international collaborations, as appropriate. They provide a means to undertake significant investigations at the interfaces of disciplines and/or fresh approaches within disciplines. STCs may involve any areas of science and engineering that NSF supports. STC investments support the NSF vision of advancing discovery, innovation and education beyond the frontiers of current knowledge, and empowering future generations in science and engineering. | 3 Preliminary Proposals per institution  Full Proposals via NSF invitation only. |
| Closed | National Institutes of Health | 02/11/11 | Letter of Intent: N/A  Full Proposal:  3/12/11 | [PA-11-009](http://grants.nih.gov/grants/guide/pa-files/PA-11-009.html)  [Translational Scholar Career Awards in Pharmacogenomics & Personalized Medicine (K23)](http://grants.nih.gov/grants/guide/pa-files/PA-11-009.html) | To provide salary and “protected time” (up to five years for this award) to support the career development of investigators who have made a commitment to focus their research endeavors on patient-oriented research.  Each Research Career Development Award must be tailored to meet the individual needs of the candidate.  The Translational Scholar Awards in Pharmacogenomics and Personalized Medicine program is intended to address the scarcity of investigators cross-trained in both clinical research core competencies and modern methods required to address pharmacogenomics research problems in patient populations.  Dual mentors from the [Clinical and Translational Science Awards](http://www.ncrr.nih.gov/clinical_research_resources/clinical_and_translational_science_awards/) consortium and the [Pharmacogenomics Research Network](http://www.nigms.nih.gov/Initiatives/PGRN/) are required. | Applicants may only have one individual Career Development Award pending |
| Closed | National Science Foundation | 02/04/11 | Letter of Intent: N/A  Full Proposal:  03/07/11 | [NSF 11-511](http://www.nsf.gov/pubs/2011/nsf11511/nsf11511.pdf)  [High Performance Computing System Acquisition: Enhancing the Petascale Computing Environment for Science and Engineering](http://www.nsf.gov/pubs/2011/nsf11511/nsf11511.pdf) | The NSF's vision for Cyberinfrastructure in the 21st Century includes enabling sustained petascale computational and data-driven science and engineering through the deployment and support of a world-class High Performance Computing (HPC) environment.   For the past decade the NSF has provided the open science and engineering community with state of the art HPC assets ranging from loosely coupled clusters, to large scale instruments with many thousands of computing cores communicating via fast interconnects.  Previous solicitations, as exemplified by the multi-pronged Track Two acquisitions, have provided more than two petaflops (1015 floating point operations per second) of compute power on real applications, that consume large amounts of memory, and work with very large data sets.  These resources have been made available through the TeraGrid, the world's largest, most powerful and comprehensive distributed cyberinfrastructure for open science. | 1 |

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| Closed | National Science Foundation | 03/07/11 | 04/30/11 | [NSF 11-524 Nanotechnology Undergraduate Education (NUE) in Engineering](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11524) | This solicitation aims at introducing nanoscale science,  engineering, and technology through a variety of interdisciplinary approaches into undergraduate engineering education. 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. | 1  An institution may submit a 2nd only if it is focused on the societal, ethical, economic and/or environmental issues relevant to nanotechnology |
| Closed | National Science Foundation | 02/18/11  No longer accepting applications | Preliminary Proposal: N/A  Full Proposal:  02/28/11 | [NSF 11-509 Research Experiences for Teachers (RET) in Engineering and Computer Science](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11509) | To help build long-term collaborative partnerships between K-12 STEM teachers, community college faculty, and the NSF university research community by involving the teachers and community college faculty in engineering and computer science research and helping them translate their research experiences and new knowledge into classroom activities. Partnerships with inner city schools or other high needs schools are especially encouraged, as is participation by underrepresented minorities, women, and persons with disabilities. This announcement features two mechanisms for support of in-service and pre-service K-12 STEM teachers and community college faculty: RET supplements to ongoing ENG or CISE awards and new RET Site awards. RET supplements may be included in proposals for new or renewed NSF Directorate for Engineering (ENG) or CISE grants or as supplements to ongoing NSF ENG or CISE funded projects. RET in Engineering and Computer Science Sites are based on independent proposals from engineering or computer and  information science departments, schools or colleges to initiate and conduct research participation projects for a number of K-12 STEM teachers and/or community college faculty. | 3 |
| Closed | National Science Foundation | 02/18/11  No longer accepting applications | Preliminary Proposal: N/A  Full Proposal:  02/28/11 | [NSF 11-509 Research Experiences for Teachers (RET) in Engineering and Computer Science](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11509) | To help build long-term collaborative partnerships between K-12 STEM teachers, community college faculty, and the NSF university research community by involving the teachers and community college faculty in engineering and computer science research and helping them translate their research experiences and new knowledge into classroom activities. Partnerships with inner city schools or other high needs schools are especially encouraged, as is participation by underrepresented minorities, women, and persons with disabilities. This announcement features two mechanisms for support of in-service and pre-service K-12 STEM teachers and community college faculty: RET supplements to ongoing ENG or CISE awards and new RET Site awards. RET supplements may be included in proposals for new or renewed NSF Directorate for Engineering (ENG) or CISE grants or as supplements to ongoing NSF ENG or CISE funded projects. RET in Engineering and Computer Science Sites are based on independent proposals from engineering or computer and  information science departments, schools or colleges to initiate and conduct research participation projects for a number of K-12 STEM teachers and/or community college faculty. | 3 |
| Closed | National Institutes of Health | 11/24/10  No longer accepting applications | Optional  Letter of Intent: 12/24/10    Full Proposal:  1/25/11 | [PAR-11-010 NINDS Diversity Research Education Grants in Neuroscience (R25)](http://grants.nih.gov/grants/guide/pa-files/PAR-11-010.html) | To invite applications for Diversity Research Education grants whose goals are to support the development and/or implementation of programs to: (1) increase the number of Ph.D.-level research scientists from diverse backgrounds including graduate, post-doctoral and/or junior-faculty career levels; and (2) advance the careers of the participants to the next step in their education. Funding support for the R25 Diversity Research Education Programs should lead to increased recruitment, mentoring, education and retention of researchers from diverse backgrounds in the neuroscience scientific workforce. | 1 |
| Closed | National Science Foundation | 01/03/11  No longer accepting applications | Letter of Intent: N/A  Full Proposal: 2/16/11 | [NSF 10-621](http://www.nsf.gov/pubs/2010/nsf10621/nsf10621.pdf)  [The NSF- Census Research Network (NCRN)](http://www.nsf.gov/pubs/2010/nsf10621/nsf10621.pdf) | To provide support for a set of research nodes, each of which will be staffed by a team of scientists conducting interdisciplinary research and educational activities on methodological questions of interest and significance to the broader research community and to the Federal Statistical System, particularly the U.S. Census Bureau. The activities will be expected to advance both fundamental and applied knowledge as well as further the training of current and future generations of researchers in research skills of relevance to the measurement of economic units, households, and persons. | 2  Two proposals that may be submitted by an institution either as a single institution or as a lead institution in a multi-institutional proposal. |
| Closed | National Science Foundation | 12/20/11  No longer accepting applications | Letter of Intent: N/A  Full Proposal:  2/11/11 | [NSF 11-506](http://www.nsf.gov/pubs/2011/nsf11506/nsf11506.pdf)  [Federal Cyber Service: Scholarship for Service  (SFS)](http://www.nsf.gov/pubs/2011/nsf11506/nsf11506.pdf) | 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. The SFS program is composed of two tracks:   * The *Scholarship Track* provides funding to colleges and universities to award scholarships to students in the information assurance and computer security fields. Scholarship recipients shall pursue academic programs in information assurance 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. * *Capacity Building Track* provides funds to colleges and universities to improve the quality and increase the production of information assurance and computer security professionals. Professional development of information assurance faculty and development of academic programs can be funded under this track, as well as projects to increase interest in information assurance and accelerate the integration of information assurance, computer security or cyber security knowledge across the STEM disciplines. | 2  An organization may submit one Scholarship Track proposal and one Capacity Building Track proposal in response to this program solicitation. |
| Closed | National Science Foundation | 01/25/10  No longer accepting applications. | Letter of Intent: 2/09/10  Full Proposal: 3/10/10 | [NSF 10-514](http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=5733&ods_key=nsf10514)  [Robert Noyce Teacher Scholarship Program](http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=5733&ods_key=nsf10514) | To encourage talented science, technology, engineering, and mathematics majors and professionals to become K-12 mathematics and science teachers. The Noyce Scholarship Track provides funds to institutions of higher education to support scholarships, stipends, and academic programs for undergraduate STEM majors and post-baccalaureate students holding STEM degrees who earn a teaching credential and commit to teaching in high-need K-12 school districts. The NSF Teaching Fellowship/Master Teaching Fellowship Track supports STEM professionals who enroll as NSF Teaching Fellows in master's degree programs leading to teacher certification by providing academic courses, professional development, and salary supplements while they are fulfilling a four-year teaching commitment in a high need school district. This track also supports the development of NSF Master Teaching Fellows by providing professional development and salary supplements for exemplary mathematics and science teachers to become Master Teachers in high need school districts. | 1 per track |
| Closed | National Science Foundation | 03/04/10  No longer accepting applications. | Letter of Intent: 3/29/10  Full Proposal: 9/30/10 | [NSF 10-523](http://www.nsf.gov/pubs/2010/nsf10523/nsf10523.pdf)  [Integrative Graduate Education and Research Traineeship Program (IGERT)](http://www.nsf.gov/pubs/2010/nsf10523/nsf10523.pdf) | To meet the challenges of educating U.S. Ph.D. scientists and engineers who will pursue careers in research and education with the interdisciplinary backgrounds, deep knowledge in chosen disciplines, and technical, professional, and personal skills to become, in their own careers, leaders and creative agents for change. The program is intended to catalyze a cultural change in graduate education, for students, faculty, and institutions, by establishing innovative models for graduate education and training in a fertile environment for collaborative research that transcends traditional disciplinary boundaries. It is also intended to contribute to a world-class, broadly inclusive, and globally engaged science and engineering workforce. | 4 Prelims |
| Closed | National Science Foundation | 03/22/10  No longer accepting applications. | Letter of Intent: 4/20/10  Full Proposal: 6/03/10 | [NSF 09-549](http://ehrweb01.aaas.org/gk12-new/files/2010/04/nsf09549.pdf)  [NSF Graduate Stem Fellows in K-12 Education (GK-12)](http://ehrweb01.aaas.org/gk12-new/files/2010/04/nsf09549.pdf) | This program provides funding for graduate students in NSF-supported science, technology, engineering, and mathematics (STEM) disciplines to bring their leading research practice and findings into K-12 learning settings. Through collaborations with other graduate fellows and faculty from STEM disciplines, teachers and students in K-12 environments, and community partners, graduate students can gain a deeper understanding of their own research and place it within a societal and global context. To provide an opportunity for graduate students to acquire value-added skills, such as communicating STEM subjects to technical and non-technical audiences, leadership, team building, and teaching while enriching STEM learning and instruction in K-12 settings. This unique experience will add value to the training of U.S. graduate students and will energize and prepare the students for a broad range of STEM careers in a competitive globalized marketplace. Furthermore, the GK-12 program provides institutions of higher education with an opportunity to transform the conventional graduate education by infusing and sustaining GK-12 like activities in their graduate programs. | 1 |
| Closed | National Science Foundation | 03/25/10  No longer accepting applications. | Letter of Intent: 4/23/10  Full Proposal:  5/24/10 | [NSF 10-542](http://www.nsf.gov/pubs/2010/nsf10542/nsf10542.pdf)  [Climate Change Education (CCE): Climate Change Education Partnership (CCEP) Program, Phase I (CCEP-1)](http://www.nsf.gov/pubs/2010/nsf10542/nsf10542.pdf) | To establish a coordinated national network of regionally- or thematically-based partnerships devoted to increasing the adoption of effective, high quality educational programs and resources related to the science of climate change and its impacts.  Each CCEP is required to be of a large enough scale that they will have catalytic or transformative impact that cannot be achieved through other core NSF program awards.  The CCEP program is one facet of a larger NSF collection of awards related to Climate Change Education (CCE) that has two goals: (1) preparing a new generation of climate scientists, engineers, and technicians equipped to provide innovative and creative approaches to understanding global climate change and to mitigate its impact; and, (2) preparing today's U.S. citizens to understand global climate change and its implications in ways that can lead to informed, evidence-based responses and solutions. | 1 |
| Closed | National Science Foundation | 09/14/10  No longer accepting applications. | Letter of Intent: 10/01/10  Full Proposal: 12/04/10 | [NSF 10-581 Partnerships for Innovation (PFI)](http://www.nsf.gov/pubs/2010/nsf10581/nsf10581.htm) | To stimulate the transformation of knowledge created by the research and education enterprise into innovations that create new wealth; build strong local, regional, and national economies; and improve the national well-being.  Aligned with this goal, the PFI competition for FY 2011 funds will provide support for innovation capacity building to sustained, dynamic interactive knowledge-enhancing partnership groups composed of academic researchers and small business (as defined by the Small Business Administration (SBA)) practitioners focused on intense exploration, re-definition, and creation of novel platforms for translating research and moving it towards impact.  **The basic organizational core of each proposed knowledge-enhancing partnership group must be composed of an academic lead institution and, at a minimum, two small businesses.** | 1 |
| Closed | National Science Foundation | 09/16/10  No longer accepting applications. | Letter of Intent: 10/03/10  Full Proposal: 11/07/10 | [NSF 10-593 ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (ADVANCE)](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf10593) | To develop systemic approaches to increase the representation and advancement of women in academic science, technology, engineering and mathematics (STEM) careers, thereby contributing to the development of a more diverse science and engineering workforce. ADVANCE focuses on ensuring that women faculty with earned STEM degrees consider academia as a viable and attractive career option. This program does not support projects to increase or retain the number of women entering into or persisting in STEM doctoral degree programs. Thus, efforts to impact the STEM pipeline are not considered appropriate for the ADVANCE Program. | 1 |
| Closed | National Science Foundation | 10/04/10  No longer accepting applications. | Letter of Intent: N/A  Full Proposal:  11/23/10 | [NSF 10-605](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf10605)  [Alliances for Graduate Education and the Professoriate (AGEP)](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf10605)   |  | | --- | |  | | To increase significantly the number of students receiving doctoral degrees in the sciences, technology, engineering, and mathematics (STEM), with special emphasis on those population groups underrepresented in these fields (i.e., African Americans, Hispanics, American Indians, Alaska Natives, ,Native Hawaiians or other Pacific Islanders, including such students with disabilities). In addition, since lack of role models and mentors in the professoriate constitutes a significant barrier to producing URM STEM graduates, NSF is particularly interested in increasing the number of URMs who will enter the professoriate in these disciplines. | 1 |
| Closed | National Institutes of Health | 10/18/10  No longer accepting applications. | Letter of Intent: 1/02/11  Full Proposal: 2/01/11 | [PAR-09-079](http://grants.nih.gov/grants/guide/pa-files/PAR-09-079.html)  [Centers of Biomedical Research Excellence (COBRE) (P20)](http://grants.nih.gov/grants/guide/pa-files/PAR-09-079.html) | To strengthen an institution's biomedical research infrastructure through the establishment of a thematic multi-disciplinary center and to enhance the ability of investigators to compete independently for complementary National Institutes of Health (NIH) individual research grant or other external peer-reviewed support. COBRE awards are supported through the IDeA Program, which aims to foster health-related research by increasing the competitiveness of investigators at institutions located in states with historically low aggregate success rates for grant awards from the NIH. | 1 |
| Closed | Oak Ridge Associated Universities | 10/25/10  No longer accepting applications. | 11/1/10 | [Graduate Student Awards to Attend the 61st Meeting of Nobel Laureates](http://www.orau.org/lindau/) | Since 1951, Nobel Laureates in chemistry, physics, and physiology/medicine convene annually in Lindau, Germany, to have open and informal meetings with students and young researchers. The Laureates lecture on the topic of their choice in the mornings and participate in less formal, small-group discussions with the students in the afternoons and some evenings. In addition to this valuable interaction, the participants enjoy the picturesque island city of Lindau. This medieval city—rich in central European culture—is located at the eastern end of Lake Constance, just north of the Swiss Alps, at the common border of Austria, Germany, and Switzerland.  Students and young researchers are nominated and selected by several sponsoring agencies and organizations. [Learn more about the past meetings](http://www.orau.org/lindau/past-mtgs/default.shtml). | 2 |
| Closed | National Science Foundation | 11/01/10  No longer accepting applications. | Letter of Intent: N/A  Full Proposal:  12/10/10 | [NSF 10-603](http://www.nsf.gov/pubs/2010/nsf10603/nsf10603.pdf)  [Advancing Digitization of Biological Collections (ADBC)](http://www.nsf.gov/pubs/2010/nsf10603/nsf10603.pdf)   |  | | --- | |  | | To create a national resource of digital data documenting existing biological collections and to advance scientific knowledge by improving access to digitized information (including images) residing in vouchered scientific collections across the United States. The information associated with various collections of organisms, such as geographic distribution, environmental habitat data, phenology, information about associated organisms, collector field notes, tissues and molecular data extracted from the specimens, etc. is a rich resource for providing the baseline from which to further biodiversity research andprovide critical information about existing gaps in our knowledge of life on earth.  The national resource will be structured at three levels: a national hub, thematic networks based on collaborative groups of collections, and the physical collections. This resource will build upon a sizable existing national investment in curation of the physical objects in scientific collections and contribute vitally to scientific research and technology interests in the United States. It will be an invaluable tool in understanding the biodiversity and societal consequences of climate change, species invasions, natural disasters, the spread of disease vectors and agricultural pests, and other biological issues. | 1 |
| Closed | National Institutes of Health | 11/05/10  No longer accepting applications. | Letter of Intent: N/A  Full Proposal:  12/17/10 | [PAR-10-288](http://grants.nih.gov/grants/guide/pa-files/PAR-10-288.html)  [Occupational Safety and Health Training Project Grants (T03)](http://grants.nih.gov/grants/guide/pa-files/PAR-10-288.html) | To provide an adequate supply of qualified personnel to carry out the purposes of the Occupational Safety and Health Act of 1970 (Pub. L. 91-596, 84 Stat. 1590), and the Training Program Grants (TPGs) are one of the principal means for meeting this mandate.  TPGs are programs at institutions that provide training in the core occupational safety and health areas of industrial hygiene (IH), occupational health nursing (OHN), occupational medicine residency (OMR), occupational safety (OS), as well as other closely related occupational safety and health (OSH) fields. Applicants proposing training programs in allied disciplines closely related to OSH must contact the program administrator identified in this announcement to discuss the concept and its relevance to OSH training program priorities.  The NIOSH homepage provides a full description of occupational safety and health program areas, <http://www.cdc.gov/niosh/programshtml>. | 2 |
| Closed | National Institutes of Health | 11/08/10  Deadline passed.  No longer accepting applications. | Letter of Intent: 12/6/10  Full Proposal:  1/6/11 | [RFA-CA-11-001](http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-11-001.html)  [Comprehensive Partnerships to Reduce Cancer Health Disparities (U54)](http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-11-001.html) | To foster and support intensive collaborations among institutions that serve communities with cancer health disparities in order to develop stronger national cancer programs aimed at understanding the reasons behind the significant cancer disparities and related impacts on these populations. This FOA is intended for: (1) extending the support under the U54 mechanism for the best of the currently funded Comprehensive Partnerships; and (2) elevating to the full Comprehensive Partnership status the most promising partnerships currently in the planning/developing phase (supported by U56 awards). | 1 |
| Closed | National Science Foundation | 11/10/10  No longer accepting applications. | Letter of Intent: N/A  Full Proposal: 1/10/11 | [NSF 10-618](http://www.nsf.gov/pubs/2010/nsf10618/nsf10618.txt)  [Scalable Nanomanufacturing (SNM)](http://www.nsf.gov/pubs/2010/nsf10618/nsf10618.txt) | To address at least one, and preferably more than one, of the following interconnected themes:   * Novel processes and techniques for continuous and scalable nanomanufacturing; * Directed (physical/chemical/biological) self-assembly processes leading to heterogeneous nanostructures with the potential for high-rate production; * Principles and design methods to produce machines and processes to manufacture nanoscale structures, devices and systems; and/or * Long-term societal and educational implications of the large-scale production and use of nanomaterials, devices and systems, including the life-cycle analysis of such nanomaterials, devices and systems. | 1 |
| Closed | National Institutes of Health | 11/15/10  Deadline passed.  No longer accepting applications. | Letter of Intent: 12/21/10  Full Proposal:  1/22/11 | [RFA-RM-10-019](http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-10-019.html)  [NIH Director's Early Independence Awards (DP5)](http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-10-019.html) | To appoint and support exceptional, early career scientists directly following the completion of their Ph.D. (or equivalent) or M.D. (or equivalent) training into an independent academic research position, thereby omitting the traditional post-doctoral training period from their career path.  At the time of appointment to the grantee Institution, the Early Independence PI must have received a PhD, MD, DO, DC, DDS, DVM, OD, DPM, ScD, EngD, Dr PH, DNSc, ND (Doctor of Naturopathy), PharmD, DSW, PsyD, or equivalent doctoral degree from an accredited domestic or foreign institution (it is the responsibility of the sponsoring institution to determine if a foreign doctoral degree is equivalent). Certification by an authorized official of the degree-granting institution that all degree requirements have been met is also acceptable. | 2 |
| Closed | National Science Foundation | 11/17/10  No longer accepting applications. | Letter of Intent: N/A  Full Proposal: 1/19/11 | [NSF 10-614](http://www.nsf.gov/pubs/2010/nsf10614/nsf10614.htm)  [Nanoelectronics for 2020 and Beyond (NEB)](http://www.nsf.gov/pubs/2010/nsf10614/nsf10614.htm) | To support proposals by interdisciplinary teams of investigators committed to exploring innovative research concepts in nanoelectronics involving fundamental challenges from novel materials, chemistry, and logic devices, to circuit designs and systems architectures, algorithms, and perhaps entirely new paradigms of computation, sensing, and processing of information. Proposals may also address additional challenges arising from increasing functionality through heterogeneous integration of novel devices and technologies. Proposals should discuss effective ways in which education of the workforce and broadening participation are integrated within the proposed research activities.  Proposals must involve interdisciplinary collaborations by three or more investigators and address aspects of at least two of the research themes:   1. Exploring New Chemistries and Materials for Nanoelectronics 2. Exploring Alternative State Variables and Heterogeneous Integration for Nanoelectronic Devices and Systems 3. Exploring Novel Paradigms of Computing | 2 |
| Closed | National Science Foundation | 12/06/10  No longer accepting applications. | Letter of Intent: N/A  Full Proposal:  1/27/11 | [NSF 11-503](http://www.nsf.gov/pubs/2011/nsf11503/nsf11503.htm)  [Major Research Instrumentation Program  (MRI)](http://www.nsf.gov/pubs/2011/nsf11503/nsf11503.htm) | To increase access to shared scientific and engineering instruments for research and research training in our Nation's institutions of higher education, museums, science centers, and not-for-profit organizations. This program especially seeks to improve the quality and expand the scope of research and research training in science and engineering, by providing shared instrumentation that fosters the integration of research and education in research-intensive learning environments. Development and acquisition of research instrumentation for shared inter- and/or intra-organizational use are encouraged, as are development efforts that leverage the strengths of private sector partners to build instrument development capacity at academic institutions. | 3  If three proposals are submitted, at least one of the proposals must be for instrument development (i.e., no more than two proposals may be for instrument acquisition). |
| Closed | U.S. Dept. of Agriculture | 12/10/10  No longer accepting applications. | 1/19/11 | [International Science and Education (ISE) Grants Program](http://www.nifa.usda.gov/funding/rfas/intl_science.html) | To support the internationalization of food, agriculture and related programs at U.S. universities and colleges. It is intended that ISE will improve the ability of American students, business people, and community members to compete more effectively in the global world of agriculture. ISE projects are awarded to strengthen the global competence and competitiveness of American colleges, universities and businesses in the food, agriculture, and related sectors. In addition, ISE projects must be directed to agricultural research, extension, and/or teaching activities that enhance the capabilities of American colleges and universities to conduct international collaborative research, extension and teaching. | 1 |
| Closed | Oak Ridge Associated Universities | 12/13/10  No longer accepting applications. | 1/14/11 | [Ralph E. Powe Junior Faculty Enhancement Awards](http://www.orau.org/university-partnerships/faculty-student-programs/powe/default.aspx) | To provide seed money for research by junior faculty at Oak Ridge Associated Universities (ORAU) [member institutions](http://www.orau.org/university-partnerships/members.aspx). These awards are intended to enrich the research and professional growth of young faculty and result in new funding opportunities. | 2 |
| Closed | National Institutes of Health | 12/20/10  No longer accepting applications. | Letter of Intent: N/A  Full Proposal: 1/11/11 | [PAR-08-118](http://grants.nih.gov/grants/guide/pa-files/PAR-08-118.html" \l "SectionIII)  [Minority Access to Research Careers (MARC) Ancillary Training Activities (T36)](http://grants.nih.gov/grants/guide/pa-files/PAR-08-118.html" \l "SectionIII) | To provide support for the attendance and participation of individuals from underrepresented groups and/or faculty from minority serving institutions in program-related scientific conferences, short courses, or other well -defined ancillary training activities to provide knowledge, skills, and/or networking capabilities that empower participants to succeed in the pursuit of a biomedically related research careers. | 1 |