



You Can Use  
Funding Opportunities as of 02/03/15

**College of Science and Technology**

**TITLE: Theoretical Nuclear Physics**  
**AGENCY: National Science Foundation; Division of Physics**

**FON: PD-12-1285**

**ITEM:** Notice soliciting proposals that address new approaches for theoretical, computational, and experimental research that explore the fundamental laws of physics and the behavior of physical systems; formulating quantitative hypotheses; exploring and analyzing the implications of such hypotheses analytically and computationally; and, in some cases, interpreting the results of experiments.

**ACTION:** The target date for proposals is the **last Wednesday in October annually**. Colleges and Universities are eligible to apply.

**LINKS:** Solicitation [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503534](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503534),  
Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&oppld=170639>

**CONTACT:** Kyungseon Joo, 703/292-8958. E-mail: [kjoo@nsf.gov](mailto:kjoo@nsf.gov)

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**TITLE: Experimental Nuclear Physics**  
**AGENCY: National Science Foundation; Division of Physics**

**FON: PD-12-1232**

**ITEM:** Notice soliciting proposals for research at the frontiers of nuclear science, including: properties and behavior of nuclei and nuclear matter under extreme conditions, and/or as they relate to astrophysical phenomena; the quark-gluon basis for the structure and dynamics of hadrons and nuclei; phase transitions of nuclear matter from normal nuclear density and temperature to the predicted high-temperature quark-gluon plasma; and basic interactions and fundamental symmetries.

**ACTION:** The target date for proposals is the **last Wednesday in October annually**. Colleges and Universities are eligible to apply.

**LINKS:** Solicitation [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5627](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5627),  
Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&oppld=170637>

**CONTACT:** Bradley Keister, 703/292-7377. E-mail: [bkeister@nsf.gov](mailto:bkeister@nsf.gov)

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**TITLE: Particle Astrophysics**  
**AGENCY: National Science Foundation; Division of Physics**

**FON: PD-12- 1643**

**ITEM:** Notice soliciting proposals that study ultra high energy particles reaching Earth from beyond the atmosphere and experiments or research and design projects for underground facilities. Currently supported activities are: ultra high energy cosmic-ray, gamma-ray and neutrino studies; the study of gamma-ray bursts and solar, underground and reactor neutrino physics; neutrino mass measurements; searches for the direct and indirect detection of Dark Matter; searches for neutrino-less double beta decay; and studies of Dark Energy.

**ACTION:** The target date for proposals is the **last Wednesday in October annually**. Colleges and Universities are eligible to apply.

**LINKS:** Solicitation [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5633](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5633),  
Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&oppld=170640>

**CONTACT:** Jean Cottam Allen, 703/292-8783. E-mail: [jcallen@nsf.gov](mailto:jcallen@nsf.gov)



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**TITLE: Mathematical Biology**  
**AGENCY: National Science Foundation; Division of Mathematical Sciences**

**FON: PD-12-7334**

**ITEM:** Notice soliciting research in areas of applied and computational mathematics with relevance to the biological sciences. Successful proposals are mathematically innovative and address challenging problems of interest to members of the biological community.

**ACTION:** Full proposals are due by **November 15 annually**. Colleges and Universities are eligible to apply.

**LINKS:** Solicitation [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5690](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5690),  
Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&opId=170641>

**CONTACT:** Mary Ann Horn, 703/292-4879. E-mail: [mhorn@nsf.gov](mailto:mhorn@nsf.gov)

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**TITLE: Sensors and Sensing Systems**  
**AGENCY: National Science Foundation; Directorate for Engineering**

**FON: PD-12-1639**

**ITEM:** Notice seeking proposals for fundamental research on sensors and sensing systems. Such fundamental research includes the discovery and characterization of new sensing modalities, fundamental theories for aggregation and analysis of sensed data, fundamentally new approaches for data transmission, and approaches for addressing uncertain and/or partial sensor data.

**ACTION:** Proposals are due from **September 1 to October 1, annually**. Colleges and universities are eligible to apply.

**LINKS:** Solicitation [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13349](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13349) ,  
Grants.gov notice <http://www07.grants.gov/search/search.do?mode=VIEW&opId=173173>

**CONTACT:** George Hazelrigg, 703/292-7068. E-mail: [ghazelri@nsf.gov](mailto:ghazelri@nsf.gov)

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**TITLE: Army Research Office Broad Agency Announcement for Basic and Applied Scientific Research**  
**FON: W911NF-12-R-0011 W911NF-12-R-0012**  
**AGENCY: U.S. Department of Defense; Department of the Army; Army Research Office**

**ITEM:** Notice seeking proposals in the engineering, physical, life, and information sciences. The eleven specific research areas and topics listed in the solicitation should be viewed as suggestive rather than limiting. Proposals will be evaluated only if they are for scientific study and experimentation. Proposals focused on specific devices or components will not be considered under this BAA.

**ACTION:** The submission of a white paper before full proposals is encouraged. Both white papers and full proposals will be continuously accepted through **March 31, 2017**. Multiple awards anticipated. Colleges and universities are eligible to apply.

**LINKS:** Agency website <http://www.arl.army.mil/www/default.cfm?page=8>

**W911NF-12-R-0011:** Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&opId=173578>

**W911NF-12-R-0012:** Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&opId=173593>

**CONTACT:** Varies by discipline

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**TITLE: Chemical Structure, Dynamics and Mechanisms** **FON: PD-12-9101 (CSDM A) PD-12-9102 (CSDM B)**  
**AGENCY: National Science Foundation; Division of Chemistry**



**ITEM:** Notice seeking proposals for research on the nature of molecular structure and its consequences for reactivity, intermolecular interactions, and dynamics. The CSDM Program is divided into two sub-programs, CSDM-A and CSDM-B. The two programs will inevitably overlap in some instances. They are separable in terms of i) molecular complexity, ii) time scale, iii) strength of the interactions, and iv) links to potential applications. CSDM-A research often involves the development of experimental techniques that extend the limits of short time scales or spectral resolution. CSDM-B proposals generally utilize existing experimental techniques as opposed to developing new ones, and the research should lean toward systems of greater molecular complexity, cover longer time scales, and involve weaker interactions than a chemical bond strength. If additional guidance is required, Principal Investigators are encouraged to send brief electronic summaries of their research to CSDM Program Directors prior to formal proposal submission.

**ACTION:** The proposal window is **September 1 - September 30, annually**. Colleges and universities are eligible to apply.

**LINKS:** PD-12-9101: Solicitation [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504796](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504796) , Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&oppld=177719>

**PD-12-9102:** Solicitation [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504807](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504807) , Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&oppld=177718>

**CONTACT:** Malcolm Forbes, 703/292-7576. E-mail: [mforbes@nsf.gov](mailto:mforbes@nsf.gov)

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**TITLE: Advances in Biological Informatics** **FON: 12-567**  
**AGENCY: National Science Foundation; Directorate for Biological Sciences; Division of Biological Infrastructure**

**ITEM:** Notice seeking proposals to encourage new approaches to the analysis and dissemination of biological knowledge for the benefit of both the scientific community and the broader public. The ABI program is especially interested in the development of informatics tools and resources that have the potential to advance- or transform- research in biology supported by the Directorate for Biological Sciences at the National Science Foundation.

**ACTION:** Proposals are due August 13, 2014, and **second Tuesday in August, annually thereafter**. Approximately \$12 to \$14 million is available to support 20 to 30 awards. Colleges and universities are eligible to apply.

**LINKS:** Solicitation [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf12567](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf12567) , Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&oppld=176153>

**CONTACT:** Julie Dickerson, 703/292-8470. E-mail: [dbiabi@nsf.gov](mailto:dbiabi@nsf.gov)

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**TITLE: Systems Science** **FON: PD-12-8085**  
**AGENCY: National Science Foundation; Division of Civil, Mechanical, and Manufacturing Innovation**

**ITEM:** Notice seeking proposals that address fundamental systems issues including system performance prediction, uncertainty quantification in the systems context, theoretical foundations for aggregation in systems, decision-making in the systems context, and operation and maintenance in the systems context. The System Science program does not fund development projects.

**ACTION:** The proposal windows are January 15, 2014 to February 15, 2014. Due dates for this program **repeat annually**. Colleges and universities are eligible to apply.

**LINKS:** Agency website [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504788](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504788) , Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&oppld=183454>

**CONTACT:** Christina Bloebaum, 703/292-8611. E-mail: [cbloebau@nsf.gov](mailto:cbloebau@nsf.gov)

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**TITLE: Engineering and Systems Design** **FON: PD-12-1464**  
**AGENCY: National Science Foundation; Division of Civil, Mechanical, and Manufacturing Innovation**



**ITEM:** Notice seeking proposals to support advances in basic design theory, tools, and software to implement design theory and new design methods that span multiple domains, such as design for the environment, for manufacturability, and for systems. "The program focus is on gaining an understanding of the basic processes and phenomena underlying a holistic, life-cycle view of design where the total system life-cycle context recognizes the need for advanced understanding of the identification and definition of preferences, analysis of alternatives, effective accommodation of uncertainty in decision-making, and the relationship between data and knowledge in a digitally-supported process and environment."

**ACTION:** The proposal windows are January 15, 2014 to February 15, 2014. Due dates for this program **repeat annually**. Colleges and universities are eligible to apply.

**LINKS:** Agency website [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13340](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13340) , Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&oppld=183434>

**CONTACT:** Christina Bloebaum, 703/292-8611. E-mail: [cbloebau@nsf.gov](mailto:cbloebau@nsf.gov)

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**TITLE: Design of Engineering Material Systems Program** **FON: PD-12-8086**  
**AGENCY: National Science Foundation; Directorate for Engineering; Division of Civil, Mechanical, and Manufacturing Innovation**

**ITEM:** Notice seeking proposals for fundamental research intended to lead to new paradigms of design, development, and insertion of advanced engineering material systems. Fundamental research that develops and creatively integrates theory, processing/manufacturing, data/informatics, experimental, and/or computational approaches with rigorous engineering design principles, approaches, and tools to enable the accelerated design and development of materials is welcome.

**ACTION:** The proposal windows are due September 1 to October 1 annually, and January 15 to February 15, 2014, and **January 15 to February 15 annually thereafter**. Colleges and Universities are eligible to apply.

**LINKS:** Solicitation [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504809](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504809) , Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&oppld=188914>

**CONTACT:** Christina Bloebaum, 703/292-8611. E-mail: [cbloebau@nsf.gov](mailto:cbloebau@nsf.gov)

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**TITLE: Geophysics** **FON: 12-598**  
**AGENCY: National Science Foundation; Directorate for Geosciences; Division of Earth Sciences**

**ITEM:** Notice seeking proposals to support basic research in the physics of the solid earth to explore its composition, structure, and processes from the Earth's surface to its deepest interior. Laboratory, field, theoretical, and computational studies are supported. Topics include seismicity, seismic wave propagation, and the nature and occurrence of geophysical hazards; the Earth's magnetic, gravity, and electrical fields; the Earth's thermal structure; and geodynamics.

**ACTION:** Proposals are due December 5, 2013 (and **the first Wednesday in December, annually thereafter**) and June 5, 2013 (and **the first Wednesday in June, annually thereafter**). Approximately \$15.9 million is available annually for 70 to 80 awards. Colleges and universities are eligible to apply.

**LINKS:** Solicitation <http://www.nsf.gov/pubs/2012/nsf12598/nsf12598.htm>  
 Grants.gov notice <http://www.grants.gov/search/search.do;jsessionid=yIrdQrhNmXP0L8ZqBsp2WLysVQGhYbQpzTpJhWLV7I2Pc4sMnvQz!-232291924?oppld=192214&mode=VIEW>

**CONTACT:** Robin Reichlin, 703/292-8556. E-mail: [rreichli@nsf.gov](mailto:rreichli@nsf.gov)

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**TITLE: Expeditions in Training, Research, and Education for Mathematics and Statistics through Quantitative Explorations of Data** **FON: 12-606**



**AGENCY: National Science Foundation; Directorate for Mathematical & Physical Sciences; Office of Cyberinfrastructure**

**ITEM:** Notice seeking proposals to support efforts to educate the next generation of mathematics and statistics undergraduate students to confront new challenges in computational and data-enabled science and engineering (CDS&E).

**ACTION:** Proposals are due November 6, 2013, and **first Wednesday in November, annually thereafter.** Approximately \$4 million is available to support four to six awards.

**LINKS:** Solicitation [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf12606](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf12606) , Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&opId=197993>

**CONTACT:** Jennifer Pearl, 703/292-4492. Email: [jslimowi@nsf.gov](mailto:jslimowi@nsf.gov)

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**TITLE: Computing Education for the 21st Century**

**FON: 12-609**

**AGENCY: National Science Foundation; Multiple Directorates**

**ITEM:** Notice seeking proposals to contribute to understanding how diverse student populations are engaged and retained in computing education. Program supports efforts in three tracks: Track 1: Computing Education Research supports proposals that contribute to the creation of a resource base on effective teaching and learning in computing; Track 2: CS 10K proposals support the development of rigorous, academic curricula incorporated into computing courses in 10,000 high schools, taught by 10,000 well-trained teachers; and Track 3: Broadening Participation proposals seek to develop and assess small-scale interventions that contribute to knowledge of effective teaching and learning of computing for students from underrepresented groups: women, persons with disabilities, African Americans, Hispanics, Native Americans and indigenous peoples.

**ACTION:** Proposals are due on March 13, 2014, and the **second Wednesday in March, annually thereafter.** Approximately \$15 million is expected to be available annually to support 13-20 awards. Principal investigators can serve as lead on only two proposals, but are permitted to serve as Senior Personnel on multiple proposals.

**LINKS:** Solicitation <http://www.nsf.gov/pubs/2012/nsf12609/nsf12609.htm> , Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&opId=202114>

**CONTACT:**

Track 1: Janice Cuny, CISE Directorate, 703/292-8900. Email: [jcuny@nsf.gov](mailto:jcuny@nsf.gov) .

Track 2: Mimi McClure, Office of Cyberinfrastructure, 703/292-5197. Email: [mmcclure@nsf.gov](mailto:mmcclure@nsf.gov) .

Track 3: James Hamos, EHR Directorate, 703/292-4687. Email: [jhamos@nsf.gov](mailto:jhamos@nsf.gov) .

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**TITLE: Mechanics of Materials**

**FON: PD-13-1630**

**AGENCY: National Science Foundation; Directorate for Engineering; Division of Civil, Mechanical and Manufacturing Innovation**

**ITEM:** Notice seeking proposals to support fundamental research in interdisciplinary solid mechanics. Emphasis is placed on fundamental understanding that i) advances theory, experimental, and/or computational methods in MoM, and/or ii) uses contemporary MoM methods to address modern challenges in material and device mechanics and physics.

**ACTION:** Proposal Windows are January 15, 2014 - February 15, 2014 and January 15 - February 15, **annually thereafter;** September 1, 2013 - October 1, 2013 and **September 1 - October 1, annually thereafter.**

**LINKS:** Solicitation [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13355](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13355) , Grants.gov notice <http://www.grants.gov/search/search.do?mode=VIEW&opId=206053>

**CONTACT:** Martin Dunn, 703/292-7060. Email: [mldunn@nsf.gov](mailto:mldunn@nsf.gov)

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**Program: Letters of Inquiry for Environmental Grants Program**  
**Agency: Ray C. Anderson Foundation**

**Deadline: Open (Letters of Inquiry)**

The [Ray C. Anderson Foundation](#) is accepting Letters of Inquiry from nonprofit environmental organizations for initiatives that support environmental, economic, and social sustainability in the United States. Through its Gray Notes Grants program, the foundation awards grants of between \$2,000 and \$25,000 for environmental conservation, preservation, education, and restoration initiatives; urban agriculture programs; clean water and clean air projects; environmental and economic think tanks; and grassroots initiatives that inform and inspire people to collaborate and take positive action to protect the planet. In addition, the program supports organizations and programs that are working with industry, government, and businesses to create environmentally sound planning practices to reduce the environmental footprint of urban development through energy efficiency, increased use of renewable energy, and the reduction of carbon intensity. All organizations requesting funding must be recognized as tax-exempt under Section 501(c) (3) of the Internal Revenue Code.

LOIs are accepted throughout the year and must be submitted through the foundation's [online grant inquiry system](#). Applicants will be notified if a full application is requested. Grants are awarded twice a year, in June and December.

See the Ray C. Anderson Foundation Web site for eligibility and application guidelines.

**Contact:** [Link to Complete RFP](#)

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**Program: ASM Awards and Grants**  
**Agency: American Society for Microbiology**

**FDA Number:**

**Next Deadline: Apr 01, 2015**

Recognizes major advances the study of microbes-- bacteria, viruses, rickettsiae, mycoplasma, fungi, algae and protozoa. Microbiological research includes infectious diseases, recombinant DNA technology, alternative methods of energy production and waste recycling, environmental problems and industrial processes. ASM offers many awards for researchers (regardless of nationality) at all stages of microbiology study with many deadlines throughout the year. Annual deadlines: vary by award type; most due dates are 4/1 and 7/1.

See <http://www.asm.org/index.php/awards2> for details.

Email: [awards@asmusa.org](mailto:awards@asmusa.org)

Contact: Program Office: 202/737-3600

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**Program: Grant Program**  
**Agency: Fred C. Gloeckner Foundation**

**CFDA Number: N/A**

**Next Deadline: Apr 01, 2015**

Supports research and educational projects in floriculture and plant pathology, plant breeding, entomology, and plant physiology related to floriculture and ornamental horticulture. New York Florist Club Foundation grants also available. Recent awards in both categories have ranged from \$6,000 to \$14,000 each. Grants are for one year, with possibility of renewal based on progress. Annual deadline: grant requests must be postmarked by 4/1.

See <http://www.gloecknerfoundation.org/fundingp.htm> for details.

Email: [thutter@fredgloeckner.com](mailto:thutter@fredgloeckner.com)

Contact: Theresa Hutter, Administrator (ext. 112); 914/698-2300

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**Program: Research Opportunities in Space and Earth Sciences (ROSES)**  
**Agency: National Aeronautics and Space Administration**

**CFDA Number:**

**Next Deadline: Apr 30, 2015**



NOSES supports over 50 programs that are released monthly with varying deadlines and contacts. Supports all aspects of basic and applied research and technology in space and earth sciences. Upcoming deadlines include: Climate Indicators and Data Products for Future National Climate Assessments (2/2); Biodiversity (LOI due 2/18); Fellowships for Early Career Researchers (3/31); Rapid Response and Novel Research in Earth Science (3/31).

See <http://nspires.nasaprs.com/external/solicitations/solicitations.do?id=NNH14ZDA001N&method=programElements&path=open>.

Email: [mbernstein@mail.arc.nasa.gov](mailto:mbernstein@mail.arc.nasa.gov)  
 Contact: Max Bernstein, SMD Lead for Research SMD; 202/358-0879

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**Program: Dimensions of Biodiversity** **CFDA Number:**  
**Agency: National Science Foundation**

**Next Deadline: Apr 09, 2015**  
 Supports integrative, innovative approaches to filling the most substantial gaps in understanding of the diversity of life on Earth. This campaign takes a broad view of biodiversity, and in its initial phase focuses on the integration of genetic, taxonomic, and functional dimensions of biodiversity. Successful proposals should integrate these three dimensions to understand interactions and feedbacks among them.

See [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503446](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503446) for details.

Email: [dimensions@nsf.gov](mailto:dimensions@nsf.gov)  
 Contact: Simon Malcomber, Program Director GEO; 703/292-8227

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**Program: NSF-CBMS Regional Research Conferences in the Mathematical Sciences** **CFDA Number: 47.049**  
**Agency: National Science Foundation**

**Next Deadline: Apr 24, 2015**  
 Supports five-day conferences featuring distinguished lecturers on a topic of important current research in one sharply-focused area of the mathematical sciences. Each lecturer prepares an expository monograph, which is normally published as a part of a regional conference series. Support is provided for about 30 participants at each conference including new and established researchers, postdocs and grad students. Annual deadline: last Friday in April.

See [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504930&org=DMS&from=home](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504930&org=DMS&from=home)

Email: [jslimowi@nsf.gov](mailto:jslimowi@nsf.gov)  
 Contact: Jennifer S. Pearl, CBMS; 202/293-4492

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**Program: Campus Cyberinfrastructure-Infrastructure, Innovation and Engineering Program** **CFDA No: 47.070**  
**Agency: National Science Foundation**

**Next Deadline: Mar 24, 2015**  
 Proposals must address scientific and engineering project and application drivers that require network engineering or upgrades of their existing infrastructure, and must present project-specific end-to-end scenarios for data movement, distributed computing, and other end-to-end services driving the networking upgrade. Network Design and Implementation for Small Institutions awards are up to \$350,000 for two years. Data Driven Networking and Infrastructure for the Campus and Researcher awards are up to \$500,000 for two years.

See [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504748](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504748) for updates.

Email: [kthompso@nsf.gov](mailto:kthompso@nsf.gov)  
 Contact: Kevin Thompson, Program Director CISE; 703/292-4220

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**Program: Robert Noyce Teacher Scholarship Program**  
**Agency: National Science Foundation**

**CFDA Number: 47.076**

**Next Deadline: Mar 17, 2015**

Program allows institutions to provide 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. Teaching Fellows/Master Teaching Fellows awards pair STEM professionals enrolled in master's programs with Master Teaching Fellows. Capacity building projects also supported.

See [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5733](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5733) for updates.

Email: [jprival@nsf.gov](mailto:jprival@nsf.gov)

Contact: Joan Prival, Lead Program Director HER; 703/292-4635

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**Program: Electronics, Photonics, and Magnetic Devices (EPMD)**  
**Agency: National Science Foundation**

**CFDA Number: 47.041**

**Next Deadline: Apr 01, 2015**

Supports efforts to improve the fundamental understanding of devices and components based on the principles of micro and nano electronics, photonics, magnetics, organics, electro-optics, electromechanics, electromagnetics, and related physical phenomena. Annual deadlines: proposal windows are 10/1-11/1 after 2015. Research Experiences for Undergraduates (REU) and Research Experiences for Teachers (RET) supplement proposals due 4/1.

See [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13379](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13379) for details.

Email: [uvarshne@nsf.gov](mailto:uvarshne@nsf.gov)

Contact: Usha Varshney, Program Director ENG; 703/292-8339

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**Program: Energy, Power, and Adaptive Systems (EPAS)**  
**Agency: National Science Foundation**

**CFDA Number:**

**Next Deadline: Apr 01, 2015**

Supports design and analysis of intelligent and adaptive engineering networks for a variety of application domains. Topics of interest include alternate energy sources, the Smart Grid, and interdependencies of critical infrastructure in power and communications. Annual deadline: proposal window is 10/1-11/1 after 2015. Research Experiences for Undergraduates (REU) and Research Experiences for Teachers (RET) supplemental proposals due 4/1.

See [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13380](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13380) for details.

Email: [rbaheti@nsf.gov](mailto:rbaheti@nsf.gov)

Contact: Radhakishan Baheti, Program Director, Directorate for Engineering; 703/292-8339

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**Program: Communications, Circuits, and Sensing-Systems (CCSS)**  
**Agency: National Science Foundation**

**CFDA Number: 47.041**

**Next Deadline: Apr 01, 2015**

Supports systems research and integrated educational activities in hardware, signal processing techniques, and architectures to enable the next generation of cyber systems that leverage computation, communication, and algorithms integrated with physical domains. Annual deadlines: proposal windows are 10/1-11/1 after 2015. Research Experiences for Undergraduates (REU) and Research Experiences for Teachers (RET) supplement proposals due 4/1.

See [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13381](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13381) for details.

Email: [ghaddad@nsf.gov](mailto:ghaddad@nsf.gov)

Contact: George Haddad, Program Director ENG; 703/292-8339



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**Program: Perception, Action, and Cognition**  
**Agency: National Science Foundation**

**CFDA Number: 47.051**

**Next Deadline: Apr 15, 2015**

Supports research on perception, action and cognition, with emphasis on research strongly grounded in theory. Research topics include vision, audition, haptics, attention, memory, reasoning, written and spoken discourse, motor control and developmental issues. Program encompasses a range of theoretical perspectives, such as symbolic computation, connectionism, ecological, nonlinear dynamics and complex systems. No dissertation support. Annual deadlines: 2/1, 4/15, 6/15, 8/1.

See [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5686](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5686) for details.

Email: [btuller@nsf.gov](mailto:btuller@nsf.gov)

Contact: Betty Tuller, Program Director SBE; 703/292-7238

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**Program: Smithsonian Opportunities for Research and Study**  
**Agency: Smithsonian Institution**

**CFDA Number: 60.007**

**Next Deadline: Apr 15, 2015 (target date)**

Graduate, postdoctoral, and senior fellowships support research at the Smithsonian in these areas: anthropology, archaeology, astrophysics and astronomy, earth sciences, ecology, behavioral and environmental sciences, evolutionary and systematic biology, history of science, art history, and social and cultural history of the U.S. The stipend amount and length of fellowships vary. Graduate and undergraduate internships are also available. Annual deadlines: deadlines vary by opportunity, generally 1/15, 2/1, 2/15, 4/15, 6/15, 7/15, 10/1, 10/30, 11/4, 11/15, 12/1, 12/3 and 12/15.

See <http://www.smithsonianofi.com/sors-introduction/> for details.

Email: [info@si.edu](mailto:info@si.edu)

Contact: Eric Woodard, Director, Office of Fellowships and Internships; 202/633-7070

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**Program: NIFA Fellowships Program**  
**Agency: U.S. Department of Agriculture**

**CFDA Number: 10.310**

**Next Deadline: Feb 11, 2015**

Program develops technical and functional competence for predoctoral students, and the research independence and teaching credentials of postdoctoral scientists in the food, forestry and agricultural sciences that are within NIFA's challenge areas through well-developed and highly interactive mentoring and training activities.

See <http://www.nifa.usda.gov/fo/fellowshipsgrantprogramafri.cfm> for updates.

Email: [rali@nifa.usda.gov](mailto:rali@nifa.usda.gov)

Contact: Ray Ali, Program Officer NIFA; 202/720-2727

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**Program: Office of Science Graduate Fellowship Program**  
**Agency: U.S. Department of Energy**

**CFDA Number:**

**Next Deadline: Apr 14, 2015**

Supports students pursuing graduate training in basic research in areas of physics, biology, chemistry, mathematics, engineering, computer and computational sciences & environmental sciences relevant to DOE's Office of Science. This is a three-year award, providing partial tuition support, an annual stipend for living expenses, and a research allowance for full-time graduate study and thesis/dissertation research at a U.S. academic institution.

See <http://science.energy.gov/wdts/scgsr/> for updates.



Email: [SCGFInfo@science.doe.gov](mailto:SCGFInfo@science.doe.gov)  
Contact: Email Inquiries Only, Program Office SC

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**Program: Forensic Research and Development**  
**Agency: U.S. Department of Justice**

**CFDA Number: 16.560**

**Next Deadline: Apr 08, 2015**

NIJ supports several grant opportunities in forensic R&D. Programs include: Basic and Applied R&D for Forensic Science for Criminal Justice Purposes (deadline: 4/8/15) and Social Science Research on Forensic Science (last deadline was 4/21/14).

See <http://www.nij.gov/funding/Pages/current.aspx?type=current> for details and updates.

Email: [forensic.research@usdoj.gov](mailto:forensic.research@usdoj.gov)  
Contact: Gerald LaPorte, Forensic Policy Program Manager NIJ; 202/305-1106

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**Program: North American Wetlands Conservation Act Grants**  
**Agency: U.S. Department of the Interior**

**CFDA Number: NA**

**Next Deadline: Feb 27, 2015**

Provides matching funds for wetlands conservation partnership projects that ensure long-term benefits to wetland ecosystems and the waterfowl, fish and wildlife that depend on such habitats. Supports acquisition, enhancement, and restoration of wetland and wetland-associated habitats. Supports U.S. Small Grants (11/5/15); and U.S. Standard Grants (2/27/15 and 7/7/15).

See <http://www.fws.gov/birdhabitat/NAWCA/grants.htm> for details.

Email: [dbhc@fws.gov](mailto:dbhc@fws.gov)  
Contact: Division of Bird Habitat Conservation FWS; 703/358-1784

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**Program: Grants-in-Aid and Research Grants**  
**Agency: Whitehall Foundation**

**CFDA Number: N/A**

**Next Deadline: Apr 15, 2015**

Supports basic research in vertebrate and invertebrate (excluding clinical) neurobiology in the U.S. Grants-in-Aid provide up to \$30,000 for one year to researchers at the assistant professor level or senior researchers who have not received significant funding. Research Grants range from \$30,000-\$75,000 per year for up to three years to established researchers of any age who have not received significant funding. Annual deadlines refer to required LOIs for the three application sessions. Annual deadlines: required LOIs due 1/15, 4/15, 10/1. Limited submission: PIs allowed one LOI per year.

See <http://www.whitehall.org/grants/> for details.

Email: [email@whitehall.org](mailto:email@whitehall.org)  
Contact: Program Director; 561/655-4474

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