NSF Upcoming Dates have been provided below for informational purposes.

**Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)**

Letter of Intent Deadline Date: January 12, 2016

Program Guidelines: NSF 16-510

In 2012, the Administration announced the National Big Data Research and Development Initiative to address some of the Nation's most pressing R&D challenges in extracting knowledge and insights from large, complex collections of digital data. To this end, NSF's Directorate for Computer and Information Science and Engineering (CISE) initiated the National Network of Big Data Regional Innovation Hubs (BD Hubs) program to foster multi-sector collaborations among academia, industry, and ...

[Click here for more information]

**NSF Earth Sciences Postdoctoral Fellowships (EAR-PF)**

Full Proposal Deadline Date: January 12, 2016

Program Guidelines: NSF 15-568

The Division of Earth Sciences (EAR) awards Postdoctoral Fellowships to recent recipients of doctoral degrees to carry out an integrated program of independent research and education.

[Click here for more information]
Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)

Full Proposal Deadline Date: January 13, 2016

Development and Implementation Tiers for Engaged Student Learning & Institution and Community Transformation

Program Guidelines: NSF 15-585

A well-prepared, innovative science, technology, engineering and mathematics (STEM) workforce is crucial to the Nation's health and economy. Indeed, recent policy actions and reports have drawn attention to the opportunities and challenges inherent in increasing the number of highly qualified STEM graduates, including STEM teachers. Priorities include educating students to be leaders and innovators in emerging and rapidly changing STEM fields as well as educating a scientifically ...

Click here for more information

Major Research Instrumentation Program: (MRI)

Full Proposal Deadline Date: January 13, 2016

Program Guidelines: NSF 15-504

The Major Research Instrumentation Program (MRI) serves to increase access to shared scientific and engineering instruments for research and research training in our Nation's institutions of higher education, not-for-profit museums, science centers and scientific/engineering research organizations. The program provides organizations with opportunities to acquire major instrumentation that supports the research and research training goals of the organization and that may be used by other ...

Click here for more information
EMERGING FRONTIERS IN RESEARCH AND INNOVATION 2016 (EFRI-2016)

Preliminary Proposal Deadline Date: January 14, 2016

Program Guidelines: NSF 16-502

The Emerging Frontiers in Research and Innovation (EFRI) program of the NSF Directorate for Engineering (ENG) serves a critical role in helping ENG focus on important emerging areas in a timely manner. This solicitation is a funding opportunity for interdisciplinary teams of researchers to embark on rapidly advancing frontiers of fundamental engineering research. For this solicitation, we will consider proposals that aim to investigate emerging frontiers in the following two research...

Click here for more information

Cultural Anthropology

Full Proposal Target Date: January 15, 2016
Senior Research - Spring Funding Cycle

Program Guidelines: PD 98-1390

The primary objective of the Cultural Anthropology Program is to support basic scientific research on the causes, consequences, and complexities of human social and cultural variability. Anthropological research spans a wide gamut, and contemporary cultural anthropology is an arena in which diverse research traditions and methodologies are valid. Recognizing the breadth of the field’s contributions to science, the Cultural Anthropology Program welcomes proposals for...

Click here for more information
Cultural Anthropology

Full Proposal Target Date: January 15, 2016
Dissertation Research - Spring Funding Cycle

Program Guidelines: PD 98-1390

The primary objective of the Cultural Anthropology Program is to support basic scientific research on the causes, consequences, and complexities of human social and cultural variability. Anthropological research spans a wide gamut, and contemporary cultural anthropology is an arena in which diverse research traditions and methodologies are valid. Recognizing the breadth of the field’s contributions to science, the Cultural Anthropology Program welcomes proposals for...

Click here for more information

Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG)

Full Proposal Target Date: January 15, 2016

Program Guidelines: NSF 15-556

The primary objective of the Cultural Anthropology Program is to support basic scientific research on the causes, consequences, and complexities of human social and cultural variability. Anthropological research spans a wide gamut, and contemporary cultural anthropology is an arena in which diverse research traditions and methodologies are valid. Recognizing the breadth of the field’s contributions to science, the Cultural Anthropology Program welcomes proposals ...

Click here for more information

Developmental and Learning Sciences (DLS)

Full Proposal Target Date: January 15, 2016

Program Guidelines: PD 08-1698

DLS supports fundamental research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Research supported by this program will add to our basic knowledge of how people learn and the underlying developmental processes that support learning, social functioning, and productive lives as members of society. DLS supports research that addresses developmental...

Click here for more information
Division of Integrative Organismal Systems

Preliminary Proposal Deadline Date: January 15, 2016
Core Track

Program Guidelines: NSF 16-505

The Division of Integrative Organismal Systems (IOS) supports research aimed at understanding why organisms are structured the way they are and function as they do. Proposals should focus on organisms as a fundamental unit of biological organization. Principal Investigators (PIs) are encouraged to apply systems approaches that will lead to conceptual and theoretical insights and predictions about emergent organismal properties. Areas of inquiry include, but are not limited to, developmental ...

Click here for more information

Law & Social Sciences (LSS)

Full Proposal Target Date: January 15, 2016
Dissertation Research, Standard and Collaborative Research and Interdisciplinary Postdoctoral Fellowships

Program Guidelines: NSF 15-514

The Law & Social Sciences Program considers proposals that address social scientific studies of law and law-like systems of rules. The Program is inherently interdisciplinary and multi-methodological. Successful proposals describe research that advances scientific theory and understanding of the connections between law or legal processes and human behavior. Social scientific studies of law often approach law as dynamic, made in multiple arenas, with the participation of ...

Click here for more information
Linguistics

Full Proposal Target Date: January 15, 2016

Program Guidelines: PD 98-1311

The Linguistics Program supports basic science in the domain of human language, encompassing investigations of the grammatical properties of individual human languages, and of natural language in general. Research areas include syntax, semantics, morphology, phonetics, and phonology. The program encourages projects that are interdisciplinary in methodological or theoretical perspective, and that address questions that cross disciplinary boundaries,...

Click here for more information

Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI)

Full Proposal Target Date: January 15, 2016

Program Guidelines: NSF 14-551

The Linguistics Program supports basic science in the domain of human language, encompassing investigations of the grammatical properties of individual human languages, and of natural language in general. Research areas include syntax, linguistic semantics and pragmatics, morphology, phonetics, and phonology. The program encourages projects that are interdisciplinary in methodological or theoretical perspective, and that address questions that cross disciplinary boundaries, such as...

Click here for more information
Political Science

Full Proposal Target Date: January 15, 2016
Annually Thereafter

Program Guidelines: PD 98-1371

The Political Science Program supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include, but are not limited to, American government and politics, comparative government and politics, international relations, political behavior, political economy, and political ...

Click here for more information


Full Proposal Deadline Date: January 15, 2016

Program Guidelines: NSF 15-521

The National Center for Science and Engineering Statistics (NCSES) of the National Science Foundation (NSF) is one of the thirteen principal federal statistical agencies within the United States. It is responsible for the collection, acquisition, analysis, reporting and dissemination of objective, statistical data related to the science and engineering enterprise in the United States and other nations that is relevant and useful to practitioners, researchers, policymakers and the...

Click here for more information
Sociology

Full Proposal Target Date: January 15, 2016
Regular Research

Program Guidelines: PD 98-1331

The Sociology Program supports basic research on all forms of human social organization -- societies, institutions, groups and demography -- and processes of individual and institutional change. The Program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, ...

[Click here for more information]

Cultural Anthropology

Full Proposal Target Date: January 16, 2016
Scholars - Spring Funding Cycle

Program Guidelines: PD 98-1390

The primary objective of the Cultural Anthropology Program is to support basic scientific research on the causes, consequences, and complexities of human social and cultural variability. Anthropological research spans a wide gamut, and contemporary cultural anthropology is an arena in which diverse research traditions and methodologies are valid. Recognizing the breadth of the field’s contributions to science, the Cultural Anthropology Program welcomes proposals for ...

[Click here for more information]

Cultural Anthropology Scholars Awards

Full Proposal Target Date: January 16, 2016

Program Guidelines: NSF 07-544

The National Science Foundation announces an opportunity for methodological training by cultural anthropologists who are active researchers. The purpose is to help cultural anthropologists upgrade their methodological skills by learning a specific analytical technique which will improve their research abilities.

[Click here for more information]
Cyberlearning and Future Learning Technologies (Cyberlearning)

Full Proposal Deadline Date: January 18, 2016
Development and Implementation (DIPs)

Program Guidelines: NSF 14-526

The purpose of the Cyberlearning and Future Learning Technologies program is to integrate opportunities offered by emerging technologies with advances in what is known about how people learn to advance three interconnected thrusts:

- **Innovation**: inventing and improving next-generation genres (types) of learning technologies, identifying new means of using technology for fostering and assessing learning, and proposing new ways of ...

[Click here for more information](#)

Decision, Risk and Management Sciences (DRMS)

Full Proposal Target Date: January 18, 2016
January 18, Annually Thereafter

Program Guidelines: PD 98-1321

The Decision, Risk and Management Sciences program supports scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups, organizations, and society. Disciplinary and interdisciplinary research, doctoral dissertation research improvement grants (ddrigs), and workshops are funded in the areas of judgment and decision making; decision analysis and decision aids; risk analysis, perception, and communication; societal and public policy ...

[Click here for more information](#)
Economics

Full Proposal Target Date: January 18, 2016

Program Guidelines: PD 98-1320

The Economics program supports research designed to improve the understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. This program also strengthens both empirical and theoretical economic analysis as well as the methods for rigorous research on economic behavior. It supports research in almost every area of economics, including econometrics, economic history, environmental economics, finance, industrial organization, international ...

[Click here for more information]

Designing Materials to Revolutionize and Engineer our Future (DMREF)

Full Proposal Window: January 19, 2016

Program Guidelines: NSF 15-608

DMREF is the primary program by which NSF participates in the Materials Genome Initiative (MGI) for Global Competitiveness. MGI recognizes the importance of materials science to the well-being and advancement of society and aims to "deploy advanced materials at least twice as fast as possible today, at a fraction of the cost." DMREF integrates materials discovery, development, ...

[Click here for more information]

Exploiting Parallelism and Scalability (XPS)

Full Proposal Deadline Date: January 19, 2016

Program Guidelines: NSF 16-507

Computing systems have undergone a fundamental transformation from the single-core processor-devices of the turn of the century to today's ubiquitous and networked-devices with multicore/many-core processors along with warehouse-scale computing via the cloud. At the same time, semiconductor technology is facing fundamental physical limits and single-processor performance has plateaued. This means that the ability to achieve predictable performance improvements through ...

[Click here for more information]
ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (ADVANCE)

Full Proposal Deadline Date: January 20, 2016
Institutional Transformation (IT)

Program Guidelines: NSF 14-573

The goals of the ADVANCE program are (1) to develop systemic approaches to increase the representation and advancement of women in academic STEM careers; (2) to develop innovative and sustainable ways to promote gender equity in the STEM academic workforce; and (3) to contribute to the development of a more diverse science and engineering workforce. ADVANCE also has as its goal to contribute to and inform the general knowledge base on gender equity in the academic STEM disciplines. There are...

Click here for more information

CISE Research Infrastructure (CRI)

Full Proposal Deadline Date: January 20, 2016

Program Guidelines: NSF 15-590

The CISE Research Infrastructure (CRI) program drives discovery and learning in the core CISE disciplines of the three participating CISE divisions by supporting the creation and enhancement of world-class research infrastructure that will support focused research agendas in computer and information science and engineering. This infrastructure will enable CISE researchers to advance the frontiers of CISE research. Further, through the CRI program CISE seeks to ensure that individuals from a...

Click here for more information
Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)

Full Proposal Deadline Date: January 20, 2016
Broadening Participation Research Centers

Program Guidelines: NSF 15-552

Historically Black Colleges and Universities (HBCUs) have awarded a large share of bachelor's degrees to African American students in science, technology, engineering and mathematics (STEM), and nine of the top ten baccalaureate institutions of African American STEM doctorate recipients from 2008-2012 are HBCUs.[1] In 2012, 8.5% of black undergraduates attended HBCUs.[2] In contrast, HBCUs awarded 16.7% of the bachelor's degrees and 17.8% of the...

Click here for more information

Focused Research Hubs in Theoretical Physics (FRHTP)

Full Proposal Deadline Date: January 22, 2016

Program Guidelines: NSF 16-501

Focused Research Hubs in Theoretical Physics (FRHTP) are designed to enhance significant breakthroughs at an intellectual frontier of physics by providing resources beyond those available to individual investigators, so as to promote a collaborative approach to a focused topic while promoting the preparation of scientists at the beginning of their independent scientific careers. Although interdisciplinary aspects may be included, the bulk of the effort must fall within the purview of the ...

Click here for more information
Division of Environmental Biology (core programs) (DEB)

Preliminary Proposal Deadline Date: January 25, 2016
Preliminary Proposal Deadline

Program Guidelines: NSF 15-609

The Division of Environmental Biology (DEB) supports fundamental research on populations, species, communities, and ecosystems. Scientific emphases range across many evolutionary and ecological patterns and processes at all spatial and temporal scales. Areas of research include biodiversity, phylogenetic systematics, molecular evolution, life history evolution, natural selection, ecology, biogeography, ecosystem structure, function and services, conservation biology, global change, ...

Click here for more information

Long Term Research in Environmental Biology (LTREB)

Preliminary Proposal Deadline Date: January 25, 2016

Program Guidelines: NSF 16-500

The Long Term Research in Environmental Biology (LTREB) Program supports the generation of extended time series of data to address important questions in evolutionary biology, ecology, and ecosystem science. Research areas include, but are not limited to, the effects of natural selection or other evolutionary processes on populations, communities, or ecosystems; the effects of interspecific interactions that vary over time and space; population or community dynamics for organisms that have ...

Click here for more information
Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)

Full Proposal Deadline Date: January 26, 2016

INTEGRATIVE FOUNDATIONS

Program Guidelines: NSF 16-508

The complexities of brain and behavior pose fundamental questions in many areas of science and engineering, drawing intense interest across a broad spectrum of disciplinary perspectives while eluding explanation by any one of them. Rapid advances within and across disciplines are leading to an increasingly interconnected fabric of theories, models, empirical methods and findings, and educational approaches, opening new opportunities to understand complex aspects of neural and cognitive ...

Click here for more information

Partnerships for Innovation: Building Innovation Capacity (PFI:BIC)

Full Proposal Deadline Date: January 27, 2016

Program Guidelines: NSF 15-610

The Partnerships for Innovation: Building Innovation Capacity (PFI:BIC) program supports academe-industry partnerships which are led by an interdisciplinary academic research team collaborating with at least one industry partner. In this program, there is a heavy emphasis on the quality, composition, and participation of the partners, including the appropriate contributions for each role. These partnerships focus on the integration of technologies into a specified human-centered service ...

Click here for more information
Methodology, Measurement, and Statistics (MMS)

Full Proposal Deadline Date: January 28, 2016
Program Guidelines: NSF 14-574

The Methodology, Measurement, and Statistics (MMS) Program is an interdisciplinary program in the Directorate for Social, Behavioral, and Economic Sciences that supports the development of innovative, analytical, and statistical methods and models for those sciences. MMS seeks proposals that are methodologically innovative, grounded in theory, and have potential utility for multiple fields within the social and behavioral sciences. As part of its larger portfolio, the MMS Program partners ...

Click here for more information

GEO Opportunities for Leadership in Diversity (GOLD)

Preliminary Proposal Deadline Date: February 1, 2016
Preliminary Proposal (Application to Participate) Deadline

Program Guidelines: NSF 16-516
The geosciences continue to lag other science, technology, engineering, and mathematics (STEM) disciplines in the engagement, recruitment and retention of traditionally underrepresented and underserved minorities, requiring more focused and strategic efforts to address this problem. Diversity is a vital priority for the geosciences community because it promotes innovation, strengthens the community’s ability to tackle complex geoscience research problems, and engenders widespread public Earth ...

Click here for more information

Long-Term Ecological Research (LTER)

Preliminary Proposal Deadline Date: February 1, 2016

Program Guidelines: NSF 16-509

NSF currently supports 25 LTER research sites and, through this solicitation, invites proposals to establish three (3) new LTER sites. Research proposals should address questions in one of two broad ecosystems:
● Arid/semi-arid ecosystems: The Division of Environmental Biology (DEB) anticipates support and management of one (1) new site with a focus on arid or semi-arid ecosystems. The location of the research site for proposals submitted to develop a new arid/semi-arid ...

Click here for more information
Perception, Action & Cognition (PAC)

Full Proposal Window: February 1, 2016
This proposal window is for research proposals only. Workshop and conference proposals should not be submitted during this submission window.

Program Guidelines: PD 09-7252

The PAC program funds theoretically motivated research on a wide-range of topic areas focused on typical human behavior. The aim is to enhance the fundamental understanding of perceptual, motor, and cognitive processes and their interactions. Central research topics for consideration by the program include vision, audition, haptics, attention, memory, reasoning, written and spoken language, and motor control. The program welcomes a wide range of perspectives, such as individual differences, ...

Click here for more information

Science of Organizations (SoO)

Full Proposal Target Date: February 2, 2016

Program Guidelines: PD 11-8031

Organizations -- private and public, established and entrepreneurial, designed and emergent, formal and informal, profit and nonprofit -- are critical to the well-being of nations and their citizens. They are of crucial importance for producing goods and services, creating value, providing jobs, and achieving social goals. The Science of Organizations (SoO) program funds basic research that yields a scientific evidence base for improving the design and emergence, development and deployment, ...

Click here for more information
Science, Technology, and Society (STS)

Full Proposal Deadline Date: February 2, 2016

Program Guidelines: NSF 15-506

The Science, Technology, and Society (STS) program supports research that uses historical, philosophical, and social scientific methods to investigate the intellectual, material, and social facets of the scientific, technological, engineering and mathematical (STEM) disciplines. It encompasses a broad spectrum of STS topics including interdisciplinary studies of ethics, equity, governance, and policy issues that are closely related to STEM disciplines, including medical...

Click here for more information

Accelerator Science

Full Proposal Deadline Date: February 3, 2016

Program Guidelines: PD 14-7243

Particle accelerator systems have been key drivers for a broad array of fundamental discoveries and transformational scientific advances since the early 20th century. Since their inception, they have also been core components of U.S. technological innovation and economic competitiveness. The Accelerator Science program will support and foster research at universities that exploits the educational and discovery potential of basic accelerator physics research, and allows the ...

Click here for more information

Division of Physics: Investigator-Initiated Research Projects (PHY)

Full Proposal Deadline Date: February 3, 2016

Accelerator Science

Program Guidelines: NSF 15-579

The Division of Physics (PHY) supports physics research and education in the nation’s colleges and universities across a broad range of physics disciplines that span scales of space and time from the largest to the smallest and the oldest to the youngest. The Division is comprised of disciplinary programs covering experimental and theoretical research in the following major subfields of physics: Accelerator Science; Atomic, Molecular and Optical Physics; Computational ...

Click here for more information
EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations (RII Track-2 FEC)

Full Proposal Deadline Date: February 4, 2016

Program Guidelines: NSF 16-511

The Experimental Program to Stimulate Competitive Research (EPSCoR) is designed to fulfill the mandate of the National Science Foundation (NSF) to promote scientific progress nationwide. A jurisdiction is eligible to participate in EPSCoR programs if its level of NSF research support is equal to or less than 0.75 percent of the total NSF research and related activities budget for the most recent three-year period. Through this program, NSF establishes partnerships with government, higher ... 

Click here for more information

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)

Full Proposal Deadline Date: February 9, 2016

Program Guidelines: NSF 16-512

The BIGDATA program seeks novel approaches in computer science, statistics, computational science, and mathematics, along with innovative applications in domain science, including social and behavioral sciences, geosciences, education, biology, the physical sciences, and engineering that lead towards the further development of the interdisciplinary field of data science. The solicitation invitestwo types of proposals: "Foundations" (F): those developing or ... 

Click here for more information
National Science Foundation Research Traineeship (NRT) Program

Full Proposal Deadline Date: February 9, 2016
Applies to both tracks

Program Guidelines: NSF 16-503

The NSF Research Traineeship (NRT) program is designed to encourage the development and implementation of bold, new, and potentially transformative models for STEM graduate education training. The NRT program seeks proposals that ensure that graduate students in research-based master’s and doctoral degree programs develop the skills, knowledge, and competencies needed to pursue a range of STEM careers. The NRT program includes two tracks: the Traineeship ...

Click here for more information

Science of Science and Innovation Policy (SciSIP)

Full Proposal Target Date: February 9, 2016

Program Guidelines: PD 09-7626

The Science of Science & Innovation Policy (SciSIP) program supports research designed to advance the scientific basis of science and innovation policy. The program funds research to develop models, analytical tools, data and metrics that can be applied in the science policy decision making process and concern the use and allocation of scarce scientific resources. For example, research proposals may develop behavioral and analytical conceptualizations, frameworks or models that ...

Click here for more information
Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants (SciSIP-DDRIG)

Full Proposal Target Date: February 9, 2016

Program Guidelines: NSF 15-583

The Science of Science & Innovation Policy (SciSIP) program supports research designed to advance the scientific basis of science and innovation policy. The program funds research to develop models, analytical tools, data and metrics that can be applied in the science policy decision making process and concern the use and allocation of scarce scientific resources. For example, research proposals may develop behavioral and analytical conceptualizations, frameworks or models that have ...

Click here for more information

Cognitive Neuroscience (CogNeuro)

Full Proposal Deadline Date: February 11, 2016

Program Guidelines: PD 15-1699

I. INTRODUCTION
The National Science Foundation announces the area of Cognitive Neuroscience within the Division of Behavioral and Cognitive Sciences in the Directorate for Social, Behavioral, and Economic Sciences. Cognitive neuroscience is an interdisciplinary field of research dedicated to the understanding of the neural mechanisms underlying human cognition. As this field continues to grow, the National Science Foundation intends for cognitive neuroscience emphases to...

Click here for more information
Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards (GSS-DDRI)

Full Proposal Deadline Date: February 11, 2016
DDRI Proposal-Submission Deadline

Program Guidelines: NSF 14-538

As specified in the Geography and Spatial Sciences Program strategic plan, the goals of the NSF Geography and Spatial Sciences (GSS) Program are the following:
★ To promote scientific research in geography and the spatial sciences that advances theory and basic understanding and that addresses the challenges facing society.
★ To promote the integration of ...

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