Software Infrastructure for Sustained Innovation (SI2: SSE & SSI)

Full Proposal Deadline Date: April 26, 2016
SSE Proposals

Program Guidelines: NSF 16-532

Software is an integral enabler of computation, experiment and theory and a primary modality for realizing the Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) vision, as described in http://www.nsf.gov/pubs/2010/nsf10015/nsf10015.jsp. Scientific discovery and innovation are advancing along fundamentally new pathways opened by development of increasingly sophisticated software.

Click here for more information

Division of Integrative Organismal Systems

Letter of Intent Deadline Date: April 29, 2016
EDGE 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 ...

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NSF-CBMS Regional Research Conferences in the Mathematical Sciences

Full Proposal Deadline Date: April 29, 2016

Program Guidelines: NSF 13-550

The NSF-CBMS Regional Research Conferences in the Mathematical Sciences are a series of five-day conferences each of which features a distinguished lecturer delivering ten lectures on a topic of important current research in one sharply focused area of the mathematical sciences. CBMS refers to the Conference Board of the Mathematical Sciences which publicizes the conferences and administers the resulting publications. Support is provided for about 30 participants at each ...

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Expeditions in Computing

Preliminary Proposal Deadline Date: May 2, 2016

Program Guidelines: NSF 16-535

The far-reaching impact and rate of innovation in the computing and information disciplines has been remarkable, generating economic prosperity and enhancing the quality of life for people throughout the world.

The Directorate for Computer and Information Science and Engineering (CISE) has created the Expeditions in Computing (Expeditions) program to provide the CISE research and education community with the opportunity to pursue ambitious, fundamental research ...

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Enhancing Access to the Radio Spectrum (EARS)

Full Proposal Deadline Date: May 3, 2016

Program Guidelines: NSF 16-537

The National Science Foundation’s Directorates for Computer and Information Science and Engineering (CISE), Engineering (ENG), and Mathematical and Physical Sciences (MPS) are coordinating efforts to identify bold new concepts with the potential to contribute towards significant improvements in the efficiency of radio spectrum utilization, protection of passive sensing services, and the ability for traditionally underserved Americans to benefit from current and future wireless-enabled goods ...

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Graduate Research Internship Program (GRIP)

Supplement Deadline Date: May 6, 2016

Program Guidelines: PD 16-7172

The new internship initiative described in the GRIP Dear Colleague Letter 16-015 expands opportunities for NSF Graduate Fellows to enhance their professional development by engaging in mission related research experiences with partner agencies across the federal government. **GRIP is open only to NSF Graduate Fellows, recipients of the Graduate Research Fellowship Program (GRFP)** ...

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Cyberlearning and Future Learning Technologies (Cyberlearning)

Letter of Intent Deadline Date: May 9, 2016
Letter of Intent: Integration (INT) Projects only

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 ...

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Industry/University Cooperative Research Centers Program (I/UCRC)

Letter of Intent Deadline Date: May 9, 2016

Program Guidelines: NSF 16-504

The Industry/University Cooperative Research Centers (I/UCRC) program develops long-term partnerships among industry, academe, and government. The Centers are catalyzed by an investment from the National Science Foundation (NSF) and are primarily supported by industry Center members, with NSF taking a supporting role in the development and evolution of the Center. Each Center is established to conduct research that is of interest to both the ...

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Innovation Corps - National Innovation Network Nodes Program (I-Corps Nodes)

Full Proposal Deadline Date: May 10, 2016

Program Guidelines: NSF 16-539

The National Science Foundation (NSF) seeks to further develop and nurture a national innovation ecosystem that builds upon fundamental research to guide the output of scientific discoveries closer to the development of technologies, products, processes and services that benefit society. The goal of the program is to...

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Antarctic Research

Full Proposal Deadline Date: May 16, 2016

Program Guidelines: NSF 16-541

Scientific research, along with operational support of that research, is the principal activity of the U.S. Antarctic Program in Antarctica. The National Science Foundation's Antarctic Sciences Section (ANT), Division of Polar Programs (PLR), fosters research on globally and regionally important scientific problems. In particular, the Antarctic Sciences Section supports research that expands fundamental knowledge of the region as well as research that relies on the...

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Ideas Lab: Measuring "Big G" Challenge

Preliminary Proposal Deadline Date: May 16, 2016

Program Guidelines: NSF 16-520

The gravitational constant, G, describes the strength of gravitation, the weakest of the four fundamental interactions in nature. Although several hundred measurements of this constant have been performed over the last two and a quarter centuries, recent experiments differ by as much as 0.05%, about 40 times the uncertainty of the most precise experiment. Motivations to resolve the current discrepancy with better measurements are two-fold. First, the search for a theory that unifies ...

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

Full Proposal Deadline Date: May 16, 2016

Program Guidelines: NSF 16-540

A well-educated science, technology, engineering, and mathematics (STEM) workforce is a significant contributor to maintaining the competitiveness of the U.S. in the global economy. The National Science Foundation (NSF) Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program addresses the need for a high quality STEM workforce in STEM disciplines supported by the program and for the increased success of low-income academically talented students with ...

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Innovation Corps- National Innovation Network Sites Program (I-Corps Sites)

Full Proposal Deadline Date: May 25, 2016

Program Guidelines: NSF 16-547

The National Science Foundation (NSF) seeks to develop and nurture a national innovation ecosystem that builds upon research to guide the output of scientific discoveries closer to the development of technologies, products and processes that benefit society. In order to contribute to a national innovation ecosystem, NSF established the NSF Innovation Corps Sites Program (NSF I-Corps Sites). Sites are funded at academic institutions, ...

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