Funding Opportunities

October 2011 Deadlines

Title	**11-564 Partnerships for International Research and Education (PIRE)**
Funding Source	National Science Foundation
Description	PIRE promotes excellence in science and engineering through international collaboration and facilitates development of a diverse U.S. science and engineering workforce. This PIRE competition will focus exclusively on the NSF-wide investment area of Science, Engineering, and Education for Sustainability (SEES). The SEES effort focuses on interdisciplinary topics that will advance an integrative approach to the challenges of adapting to environmental, social and cultural changes associated with growth and development of human populations, and attaining a sustainable energy future.
Focus	Projects in which advances in research and education could not occur without international collaboration.
Website	http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12819
Due Date	Preliminary Proposal Deadline: October 19, 2011; Full Proposal Deadline: May 15, 2012

Title	**NSF 11-551: Water Sustainability and Climate**
Funding Source	National Science Foundation
Description	The goal of the Water Sustainability and Climate (WSC) solicitation is to understand and predict the interactions between the water system and climate change, land use (including agriculture, managed forest and rangeland systems), the built environment, and ecosystem function and services through place-based research and integrative models. Specific topics of interest are covered in the full grant description.
Focus	Impacts of climate change on water, land use, ecosystems and the built environment.
Website	www.nsf.gov/pubs/2011/nsf11551/nsf11551.htm?WT.mc_id=USNSF_25&WT.mc_ev=click
Due Date	Wednesday, October 19, 2011

Title	**11-692: Advanced Technological Education**
Funding Source	National Science Foundation
Description	With an emphasis on two-year colleges, the Advanced Technological Education (ATE) program focuses on the education of technicians for the high-technology fields that drive our nation's economy. The program involves partnerships between academic institutions and employers to promote improvement in the education of science and engineering
Focus	education of science and engineering students; curriculum development, professional development, career pathways
Website	http://www.grants.gov/search/search.do;jsessionid=pWKpT6bcp4ZtCLybk0s822nQSkjnX4Q11y6P4cbbvBBKfpkx2vTt!-271650999?oppId=77096&mode=VIEW
Due Date	Thursday, October 20, 2011

Funding Opportunities

October 2011 Deadlines

Title	**FR-5505-N-01 Multifamily Energy Innovation Fund**
Funding Source	Department of Housing and Urban Development
Description	Pursuant to the Consolidated Appropriations Act of 2010 (Pub L. 111-117), this Program will support innovations in financing and conducting applied research to address primary barriers to the retrofitting of certain multifamily residential properties to be more energy efficient on a cost-effective basis. The goals of this NOFA are to: (1) demonstrate solutions to the primary and longstanding challenges to implementing energy efficiency and renewable energy improvements in existing affordable multifamily properties; (2) leverage private capital and additional public funding to demonstrate proof of concept of specific models; and (3) conduct applied research to document and disseminate mainstream, scalable approaches to retrofitting affordable multifamily properties.
Focus	Demonstrate energy efficiency and renewable energy improvements in multifamily
Website	http://www.grants.gov/search/search.do;jsessionid=dy4LT6QMr5JCR2SyyWBQT79hS2pqxY87GZnHFQ88fzDq3lVJ511Q!-271650999?oppId=116473&mode=VIEW
Due Date	Thursday, October 20, 2011
Title	**Centers for Chemical Innovation**
Funding Source	National Science Foundation
Description	The Centers for Chemical Innovation (CCI) Program supports research centers focused on major, long-term fundamental chemical research challenges. CCIs that address these challenges will produce transformative research, lead to innovation, and attract broad scientific and public interest. The CCI program is a two-phase program. Both phases are described in this solicitation.
Focus	Exploration of biorenewables / alternatives to petroleum as a source of feedstock chemicals
Website	http://www.grants.gov/search/search.do?mode=VIEW&oppId=100876
Due Date	Tuesday, October 25, 2011
Title	**Self-Assessments of Energy Code Enforcement**
Funding Source	DOE - MN Department of Commerce, Division of Energy Resources
Description	The purpose of these grants is to provide funding for assessing the compliance with a baseline energy code for new and renovated residential and commercial buildings and for identifying code enforcement procedural changes and/or training needs that could improve compliance rates.
Focus	Self-assessments of energy code enforcement
Website	www.energy.mn.gov
Due Date	Friday, October 28, 2011

Funding Opportunities

October 2011 Deadlines

Title	**PD-11-1221: Experimental Elementary Particle Physics**
Funding Source	National Science Foundation
Description	At the NSF, particle physics is supported by three programs within the Division of Physics: (1) the Theory program which includes fundamental research on the forces of nature and the early history of the universe as well as support for the experimental program by providing guidance and analysis for high energy experiments; (2) the Elementary Particle Physics (EPP) program which supports particle physics at accelerators; and (3) the Particle Nuclear Astrophysics (PNA) program which supports non-accelerator experiments.
Focus	K-12 educators, university scientists and students, analysis of high energy experiments
Website	www.grants.gov/search/search.do?mode=VIEW&oppId=93897
Due Date	Tuesday, October 25, 2011
Title	**10-1762: Solid State and Materials Chemistry (SSMC)**
Funding Source	National Science Foundation
Description	General areas of interest include but are not limited to innovative approaches to design, synthesis, bulk crystal and/or film growth, and characterization of novel organic, inorganic, and hybrid materials, as well as liquid crystal materials and multi-component material systems exhibiting new phenomena and/or providing new scientific insights into structure/composition/property relationships in the solid state. Development of new organic solid state materials, environmentally-safe and sustainable materials, and fundamental studies of novel material and material systems for efficient energy harvesting, conversion and storage are encouraged.
Focus	Novel material systems for efficient energy harvesting, conversion and storage
Website	www.nsf.gov/funding/pgm_summ.jsp?pims_id=5356
Due Date	Monday, October 31, 2011
Title	**06-7623: Biomaterials**
Funding Source	National Science Foundation
Description	Emphasis is on novel design of biomaterials, including bioderived, bioinspired, biomimetic and biocompatible materials, discovery of new phenomena, and the combination of experiment with theory and/or simulation. General areas of interest include, but are not restricted to, self- and directed molecular assemblies, surfaces and interfaces, membranes and vesicles, gels and networks, carriers and drug delivery systems, smart and self-healing systems, tissue culture scaffolds, mineralization, hybrids and composites, multi-functional biomaterials such as photonic and electronic biomaterials, biomaterials for energy harvesting, conversion and storage, and biomaterials for sensors and actuators.
Focus	design of biomaterials, including those used for energy harvesting
Website	www.nsf.gov/funding/pgm_summ.jsp?pims_id=13699
Due Date	Monday, October 31, 2011