

Grants Resource Center Grant Search Results: 1/10/2009

Search Criteria

Subject: Water Resources Management; Environmental Sciences; Climate Change / Global Warming; Energy Conservation; Renewable Energy/Bio-energy; Solar Energy

Deadline: April, May, June, July, August, September, October

Some of the grants listed below are recurring grants, so please visit websites to confirm start and deadline dates

Program: Grants Program (Youth, Prenatal - 21)

Agency: American Honda Foundation

Deadline: 2/1/2009, 5/1/2009, 8/1/2009, 11/1/2009

GRC Number: 341

CFDA Number: N/A

Last Verified: 11/08

Contact: Donna Hammond, Program Officer

Post Office Box 2205

Attn: Grant Application Request

Torrance, CA 90509-2205

310/781-4090

Supports projects that meet the needs of youth, especially minority students. Projects have included job training & math, science, technology, & environmental education improvement, including curriculum development. Emphasis is on broad, innovative, & forward-thinking projects with national scope. Call for pre-recorded details. Guidelines may also be viewed online, but applications cannot be submitted electronically. Deadlines are 2/1/, 5/1, 8/1, & 11/1, annually.

<http://corporate.honda.com/america/philanthropy.aspx?id=ahf>

Program: Grants Programs

Agency: American Sportsfishing Association/FishAmerica Foundation

Deadline: 10/6/2008

GRC Number: 1277

Last Verified: 11/08

Contact: Johanna Laderman, Managing Director (extension 245)

FAF/NOAA RFP

225 Reinekers Lane, Suite 420

Alexandria, VA 22314

703/519-9691

fishamerica@asafishing.org

Supports hands on-projects at the local level to enhance fish populations, restore fish habitat, improve water quality, & advance fisheries research in North America & Canada, thereby increasing the opportunity for sportfishing success. Programs include Conservation (applications accepted year round), Fisheries Research (12/05/08), Chesapeake Bay (last deadline 12/7/07), and Marine & Anadromous Fish Habitat Restoration (10/6/08).

<http://www.fishamerica.org/grants/>

Program: Quality of Life and Health Promotion Grants

Agency: Christopher and Dana Reeve Foundation

Deadline: 3/1/2009, 9/1/2009 (Target date)

GRC Number: 1227

Last Verified: 11/08

Contact: Donna Valente, Quality of Life Grants Program Coordinator

Quality of Life Grants Committee

500 Morris Avenue

Springfield, NJ 07081

800/539-7309

dvalente@crpf.org

Provides more than \$1 million annually in \$5K to \$25K grants to improve opportunities & quality of life for individuals living with disabilities (primarily paralysis) & their families. Quality of Life Grants (3/1, 9/1) support activities such as access, advocacy, education, recreation, & technology. Health Promotion Grants seek to remove societal & environmental barriers that limit the life activities of individuals with paralysis. Two funding cycles per year.

http://www.christopherreeve.org/site/c.geIMLPOpGjF/b.1029295/k.64F6/Quality_of_Life_Grants.htm

Program: Grants (Peace/Security, Environment/Sustainability & Population)

Agency: Compton Foundation, Inc.

Deadline: 3/7/2009, 9/7/2009

GRC Number: 780

CFDA Number: N/A

Last Verified: 11/08

Contact: Debra Doughtry, Program Officer

255 Shoreline Drive

Suite 540

Redwood City, CA 94065

650/508-1181

info@ComptonFoundation.org

Supports projects addressing community, national, & international concerns in the areas of Peace & Security, Environment & Sustainability, & Population & Reproductive Health. Foundation seeks to foster human & ecological security by addressing contemporary threats to these inalienable rights & envisions

a world in which humans live in harmony with each other, and in sustainable balance with the earth.
Priority given to policy-related, interdisciplinary, & action-oriented projects.

<http://www.comptonfoundation.org/>

Program: Postdoctoral Program in Environmental Chemistry

Agency: Dreyfus Foundation

Deadline: 5/22/2008

GRC Number: 998

CFDA Number: N/A

Last Verified: 2/08

Contact: Mark Cardillo, Executive Director

555 Madison Avenue

20th Floor

New York, NY 10022-3301

212/753-1760

admin@dreyfus.org

Program invites experts in environmental science to submit proposals for the training of PhD chemists & chemical engineers in research activities related to chemistry & the environment. Each awardee may then appoint a postdoctoral scientist to spend up to two years in a program intended to stimulate the scientist to carry out further research on environmental understanding & values. Each two-year award of \$120,000 carries an annual stipend of \$45,000 for direct support of the postdoctoral fellow.

<http://www.dreyfus.org/ep.shtml>

Program: Grants Program (Policy Research & Advocacy)

Agency: Energy Foundation

Deadline: 3/15/2009, 8/1/2009, 12/1/2009 (Target date)

GRC Number: 659

CFDA Number: N/A

Last Verified: 12/08

Contact: Grants Office

301 Battery Street, Floor 5

San Francisco, CA 94111

415/561-6700

energyfund@ef.org

Supports research & advocacy in the U.S. & China for power sector energy efficiency & renewable energy policy; building & appliance efficiency; vehicle efficiency & pollution standards; & economy-wide low carbon policy. Must focus on federal, state, provincial, or regional policy or regulatory issues. Universities most likely to receive funds by partnering with advocacy/outreach-oriented nonprofits. Applications accepted on rolling basis; submit 12 weeks prior to board meetings, which are 1st week of March, 3rd week of June, and 1st week of November. Letters of inquiry optional.

http://www.ef.org/app_guidelines.cfm

Program: Grants and Scholarships

Agency: Environmental Research and Education Foundation

Deadline: 3/15/2009, 4/30/2009, 7/15/2009, 11/21/2008 (Target date)

GRC Number: 1262

Last Verified: 12/08

Contact: Michael Cagney, President and CEO (ext. 12)

901 North Pitt Street

Suite 270

Alexandria, VA 22314

703/299-5139

mcagney@erefdn.org

Grants Program provides between \$10,000 and \$500,000 for research or education on topics pertaining to any aspect of solid waste management. Applications due two weeks prior to board meetings, which usually are held in April, August, & December. Scholarships recognize excellence in master's (up to \$5,000/year) & doctoral/postdoctoral (up to \$12,000/year) waste management research & education. Scholarship applications due 4/30 annually.

<http://www.erefdn.org/guide.html>

Program: Grants Program (Public Policy for AIDS, the Environ., & Mental Health)

Agency: Ittleson Foundation

Deadline: 9/1/2008

GRC Number: 761

CFDA Number: N/A

Last Verified: 5/08

Contact: Anthony Wood, Executive Director

15 East 67th St.

5th Floor

New York, NY 10021

212/794-2008

Supports pilot projects, test & demonstration projects, dissemination, & applied research that will inform public policy & public services in the following broad areas: AIDS; the environment; & mental health. Proposals must have regional or national significance. Initial LOIs must be received before 9/1.

<http://www.ittlesonfoundation.org/guides.html>

Program: Lindbergh Grants Program (Tech. & Natural/Human Environment)

Agency: Lindbergh (Charles A. & Anne Morrow) Foundation

Deadline: 6/12/2008
GRC Number: 26
CFDA Number: N/A
Last Verified: 2/08

Contact: Shelley Nehl, Grants Coordinator
2150 Third Avenue N.
Suite 310
Anoka, MN 55303-2200
763/576-1596
info@lindberghfoundation.org

Makes about 10 grants of up to \$10,580 for research that creates a balance between technology & preservation of the natural environment. Interests: agriculture; aviation/aerospace; conservation of resources, including animals, plants, water, & general conservation; education, including humanities/ed., the arts, & intercultural communication; exploration; health, including biomedical research, health & population sciences, & adaptive technology; & waste minimization & management.

<http://www.lindberghfoundation.org/grants.html>

Program: Global Climate Change Education (GCCE)
Agency: National Aeronautics and Space Administration

Deadline: 10/24/2008
GRC Number: 2323
Last Verified: 9/08

Contact: Diane Clayton, Program Manager
300 E Street, SW
Washington, DC 20546
202-479-9030 x213
diane.clayton-1@nasa.gov

Supports projects designed to improve the quality of global climate change and Earth system science education at the elementary, secondary, and undergraduate levels. There are 20 two-year awards (up to \$150k) and four three-year awards (up to \$500k) available.

<http://nspires.nasaprs.com/external/solicitations/solicitations.do?method=open&stack=push>

Program: New Investigator Program (NIP) in Earth-Sun Science
Agency: National Aeronautics and Space Administration

Deadline: 8/31/2007
GRC Number: 905
CFDA Number: N/A
Last Verified: 5/08

Contact: Ming-Ying Wei, Manager, Educ. Programs, Office of Earth Science

NASA HQ, Science Mission Directorate
500 E St., SW
Washington, DC 20024
202/358-0771
Ming-Ying.Wei-1@nasa.gov

Supports research & education for scientists & engineers five years or less from earning PhD. Proposals must contain a research element that addresses one of the topical areas, as well as significant education & outreach activities. Topical areas: Carbon Cycle & Ecosystems; Climate Variability & Change; Water & Energy Cycle; Atmospheric Composition; Weather; & Earth Surface & Interior. Program runs every other year.

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={8B2E5550-DD00-9EAB-7854-75523E9D45C2}&path=open>

Program: Precipitation Science
Agency: National Aeronautics and Space Administration

Deadline: 4/28/2006
GRC Number: 559
CFDA Number: N/A
Last Verified: 9/08

Contact: Ramesh Kakar, Science Mission Directorate
300 E St., SW
Code YS
Washington, DC 20546
202/358-0240
ramesh.k.kakar@nasa.gov

Supports research proposals to conduct scientific investigations in the Earth sciences discipline of precipitation science & related tropical energetics. Research announcement will focus primarily on scientific investigations related to current satellite observations of precipitation using measurements from, but not limited to, the Tropical Rainfall Measuring Mission (TRMM). Funding won't be available until 2009.

<http://nspires.nasaprs.com/external/>

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

Deadline: 2/13/2009, 4/4/2008, 9/5/2008, 10/31/2008
GRC Number: 1139
Last Verified: 10/08

Contact: Paul Hertz, Program Officer
Science Missions Directorate
300 E St, SW

Washington, DC 20546-0001
202/358-0986

ROSES covers all aspects of basic and applied supporting research and technology in space and earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, stratospheric balloon, and suborbital rocket investigations. Awards range from under \$100K per year for focused, limited efforts to more than \$1 million per year for extensive activities. Several programs with varying deadlines available.

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={7A237BC8-9809-BB78-9C86-BB33ACF962C9}&path=open>

Program: Undergraduate Student Researchers Program (USRP)
Agency: National Aeronautics and Space Administration

Deadline: 1/23/2009, 10/17/2008
GRC Number: 1162
Last Verified: 10/08

Contact: Sheri Klug, Project Administrator
2101 NASA Parkway
AE2 Education Office
Houston, TX 77058
281/244-6957
sklug@epo.usra.edu

Offers rising second-, third- & fourth-year undergraduates mentored research opportunities at 10 participating NASA centers. Eligibility is limited to U.S. citizens who have a minimum GPA of 3.0 & are concentrating in engineering, mathematics, computer science, or physical/life sciences. Students receive \$6K (10-week summer session) or \$9K (15-week fall or spring session), plus travel. Students may apply for one or more sessions to increase chance of being selected, but can only participate in one of them.

<http://www.vsgc.odu.edu/usrp/index.htm>

Program: Keystone Initiative Grants
Agency: National Fish and Wildlife Foundation

Deadline: 4/1/2009, 9/1/2009 (Target date)
GRC Number: 1379
CFDA Number: N/A
Last Verified: 6/08

Contact:
1120 Connecticut Avenue, NW
Suite 900
Washington, DC 20036
202/857-0166

Provides from \$50,000 to \$300,000 in matching funds (generally 2:1 non-federal match) to conserve & restore fish, wildlife, plants, & the habitats on which they depend. Projects should involve other conservation/community interests, leverage NFWF funding, & evaluate project outcomes. Contacts vary by initiative. Target dates refer to required pre-proposals. Invited full proposals due 6/1 and 11/1 annually.

http://www.nfwf.org/AM/Template.cfm?Section=Keystone_Initiatives_Grant_Guidelines

Program: Environmental Health Sciences Research

Agency: National Institutes of Health

Deadline: 2/5/2009, 6/5/2009, 10/5/2008

GRC Number: 81

CFDA Number: 93.892

Last Verified: 6/08

Contact: Dorothy G. Duke, Chief Grants Management Officer

Natl. Inst. of Envir. Health Sciences

P.O. Box 12233, Bldg. 3, Room 301A

Resrch Triangle Park, NC 27709

919/541-2749

duke3@niehs.nih.gov

Supports a broad range of research aimed at understanding & preventing disease caused by environmental agents. Research areas include: exposure of population groups to environmental pollutants; effects of toxic substances on biochemical processes in the body; pharmacodynamics of chemical substances in the body; molecular, biochemical & physiological mechanisms of toxicity; & development of methods for health hazard assessment of environmental chemicals. Accepts unsolicited applications on any relevant topic. Deadlines refer to receipt dates for R01 applications.

<http://www.niehs.nih.gov/research/supported/>

Program: Superfund Basic Research and Training Program

Agency: National Institutes of Health

Deadline: 4/15/2009

GRC Number: 591

CFDA Number: 93.113

Last Verified: 12/08

Contact: Claudia Thompson, Director, Superfund Basic Research Program

Natl. Inst. of Envir. Health Sciences

P.O. Box 12233

Resrch Triangle Park, NC 27709

919/541-4638

thomps14@niehs.nih.gov

Supports a network of university grants (P42) that are designed to seek solutions to complex health & environmental issues associated with the nation's hazardous waste sites. Awards are made for 5 years. Proposals must be multi-project, interdisciplinary efforts that bring together investigators from different scientific disciplines. \$11 million is available in FY 10 to fund 4 or 5 new and/or renewal SBRP multi-project grants. Limited submission: one application per institution.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-08-005.html>

Program: ADVANCE: Increasing Participation and Advancement of Women
Agency: National Science Foundation

Deadline: 1/20/2009, 8/4/2009

GRC Number: 1140

CFDA Number: 47.075

Last Verified: 12/08

Contact: Jessie DeAro, Program Director
4201 Wilson Boulevard
Arlington, VA 22230
703/292-5350
jdearo@nsf.gov

Supports projects to increase representation & advancement of women in academic science & engineering careers. Three types of awards: Partnerships for Adaptation, Implementation, & Dissemination (letters of intent required by 1/20/09; proposals due by 2/24/09); Institutional Transformation; & Institutional Transformation Catalyst (letters of intent required by 8/4/09; proposals due by 11/12/09). Limited submission: one Institutional Transformation or IT-Catalyst application per institution. No limit on number of PAID applications.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5383

Program: Arctic Observing Network (AON)
Agency: National Science Foundation

Deadline: 9/30/2008

GRC Number: 2297

Last Verified: 7/08

Contact: Martin Jeffries, Program Director
Division of Arctic Sciences
4201 Wilson Boulevard
Arlington, VA 22230
703/292-7442
mjeffrie@nsf.gov

Supports projects for further development of the Arctic Observing Network (AON) the Study of Environmental Arctic Change (SEARCH). Goal is to enhance the environmental observing infrastructure required for the scientific investigation of Arctic environmental

change & its global connections. Proposals invited for continuation of existing NSF-supported AON projects; initiation of new AON projects; and projects that address environmental observing system coverage, design, & optimization.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503222

Program: Biological Oceanography
Agency: National Science Foundation

Deadline: 2/15/2009, 8/15/2009 (Target date)

GRC Number: 215

CFDA Number: 47.050

Last Verified: 11/08

Contact: David Garrison, Program Director
Ocean Sciences Division
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8582
dgarriso@nsf.gov

Supports research in marine ecology broadly defined as the relationships among aquatic organisms & their interactions with the environments of the oceans or Great Lakes. Projects submitted to the program for consideration are often interdisciplinary efforts that may include participation by other OCE Programs.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11696

Program: Changing Seasonality in the Arctic System (CSAS)
Agency: National Science Foundation

Deadline: 10/10/2008

GRC Number: 2307

Last Verified: 8/08

Contact: Neil Swanberg, Program Director, Arctic System Science
Arctic Sciences Division
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8029
nswanber@nsf.gov

Supports research aimed at understanding changing seasonality in the arctic system. Projects should employ field studies, retrospective investigation, modeling, or synthesis to explore how changes in succession (the sequence, nature, & timing of critical seasonal events, including ecological succession) affect the linkages between & feedbacks among components & processes of the arctic system, altering the characteristics & functioning of the system as a whole.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503195

Program: Chemical Oceanography
Agency: National Science Foundation

Deadline: 8/15/2008 (Target date)
GRC Number: 183
CFDA Number: 47.050
Last Verified: 5/08

Contact: Donald Rice, Program Director
Ocean Sciences (OCE)
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8582
drice@nsf.gov

Supports research into the chemical components, reaction mechanisms, & geochemical pathways within the ocean & at its interfaces with solid earth & the atmosphere. Major emphases include studies of material inputs to & outputs from marine waters; orthochemical & biological production & transformation of chemical compounds & phases within the marine system; & determination of reaction rates & study of equilibria.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11698

Program: Communicating Hurricane Information (CHI)
Agency: National Science Foundation

Deadline: 6/3/2008
GRC Number: 2250
Last Verified: 3/08

Contact: Robert O'Connor, Program Director
Division of Social & Economic Sciences
4201 Wilson Blvd
Arlington, VA 22230
703/292-7263
roconnor@nsf.gov

Supports efforts to advance fundamental understanding of the communication of hurricane outlooks, forecasts, watches, & warnings both to decision makers (ie, emergency managers & elected officials) and to the general public. Proposals must have at least one investigator from the social, behavioral, & economic sciences & at least one from the physical sciences or engineering.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503246&org=NSF&sel_org=NSF&from=fund

Program: Earth Sciences Research (EAR)

Agency: National Science Foundation

Deadline: 1/9/2009, 6/5/2009, 7/1/2009, 10/14/2008

GRC Number: 560

CFDA Number: 47.050

Last Verified: 10/08

Contact: Arthur Goldstein, Division Director

Directorate for Geosciences

Division of Earth Sciences

Arlington, VA 22230

703/292-8553

agoldste@nsf.gov

Supports research on Earth's structure and on the evolution, composition, & processes behind formation. Focus is on changing environments, distribution of mineral, water, & energy resources, & methods for predicting & mitigating effects of geologic hazards. Programs include Geophysics, Hydrologic Sciences, Petrology, Geochemistry & Tectonics; Instrumentation & Facilities, and Geology & Paleontology. Deadlines vary.

http://www.nsf.gov/funding/pgm_list.jsp?org=EAR

Program: Earth Sciences: Instrumentation and Facilities (EAR/IF)

Agency: National Science Foundation

Deadline: 2/11/2009, 7/8/2009 (Target date)

GRC Number: 213

CFDA Number: 47.050

Last Verified: 11/08

Contact: Russell Kelz, Program Director

Division of Earth Sciences

4201 Wilson Boulevard

Arlington, VA 22230

703/292-4747

rkelz@nsf.gov

Supports investigator-initiated requests across all Earth sciences disciplines for Acquisition or Upgrade of Research Equipment; Development of New Instrumentation, Analytical Techniques, or Software; National or Regional Multi-User Facilities; Research Technicians; and Development of Cyberinfrastructure for the Earth Sciences/Geoinformatics (only accepted at July target date in odd years).

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6186

Program: Ecological Biology

Agency: National Science Foundation

Deadline: 1/9/2009, 7/9/2009 (Target date)
GRC Number: 146
CFDA Number: 47.051
Last Verified: 10/08

Contact: Saran Twombly, Program Director
Division of Environmental Biology
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8133
stwombly@nsf.gov

Supports research that advances the conceptual or theoretical understanding of species interactions & community dynamics in terrestrial, wetland, & freshwater habitats. Encourages projects that integrate theoretical, modeling, & empirical approaches, or that promote synthesis, across spatial & temporal scales. The cluster seeks to fund projects that are transformative & will change the conceptual bases of ecology & have broad implications for future research.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12823

Program: Energy for Sustainability
Agency: National Science Foundation

Deadline: 3/2/2009, 9/15/2009
GRC Number: 2348
Last Verified: 12/08

Contact: Trung Nguyen, Program Officer
Directorate for Engineering
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8320
tnguyen@nsf.gov

Supports fundamental research and education in energy production, conversion, and storage and is focused on energy sources that are environmentally friendly and renewable. Sources of sustainable energy include: Sunlight; Wind; and Biomass. Also hydrogen and alcohols are potential energy carriers that can be derived from renewable sources, & research that generates enabling science and technologies for more efficient hydrogen generation and storage is supported by the program.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501026

Program: Environmental Engineering
Agency: National Science Foundation

Deadline: 3/2/2009, 9/15/2009
GRC Number: 2346
Last Verified: 12/08

Contact: Clark C. K. Liu, Program Officer
Directorate for Engineering
4201 Wilson Boulevard
Arlington, VA 22230
703/292-4480
ccliu@nsf.gov

Supports research which applies scientific principles to minimize solid, liquid, and gaseous discharges into land, inland and coastal waters, and air that result from human activity, and to evaluate adverse impacts of these discharges on human health and environmental quality. Fosters cutting-edge research based on fundamental science and four types of engineering tools: measurement, analysis, synthesis, and design. In broadest terms, the field of Environmental Engineering is concerned with understanding the impacts of human activities on the natural environment.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501029

Program: Environmental Sustainability
Agency: National Science Foundation

Deadline: 3/2/2009, 9/15/2009
GRC Number: 2347
Last Verified: 12/08

Contact: Bruce Hamilton, Program Officer
Directorate for Engineering
4201 Wilson Boulevard
Arlington, VA 22230
703/292-7066
bhamilto@nsf.gov

Supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems. These systems provide ecological services vital for human survival. Four principal general research areas are supported: Industrial Ecology; Green Engineering; Ecological Engineering; & Earth Systems Engineering.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027

Program: Geospace Environment Modeling (GEM)
Agency: National Science Foundation

Deadline: 10/15/2008
GRC Number: 1626
CFDA Number: 47.050
Last Verified: 7/08

Contact: Kile Baker, Program Director
Division of Atmospheric Sciences

4201 Wilson Boulevard
Arlington, VA 22230
703/292-8519
kbaker@nsf.gov

Supports broad-based, community-initiated research program on physics of the Earth's magnetosphere & coupling of magnetosphere to atmosphere & to solar wind. Focus is on basic research into the dynamical & structural properties of geospace, leading to the construction of a global Geospace General Circulation Model with predictive capability that will be modularized & complement parallel developments of magnetohydrodynamic models. Proposals due 10/15 annually.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5506

Program: Geotechnical Engineering (GTE)
Agency: National Science Foundation

Deadline: 2/15/2009, 10/1/2009
GRC Number: 2290
Last Verified: 11/08

Contact: Richard Fragaszy, Program Director
Civil, Mechanical, & Manufacturing Innovation
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8360
rfragasz@nsf.gov

Supports fundamental research on geotechnical aspects of civil infrastructure, such as foundation engineering, site characterization, underground construction, tunneling, drilling, & mining engineering, with emphasis on issues of sustainability and resilience. Also supports research on geoenvironmental engineering, geotechnical earthquake engineering not involving use of George E. Brown, Jr. Network for Earthquake Engineering Simulation facilities, & geohazards. Proposal windows 1/15-2/15 and 9/1-10/1 annually.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13351

Program: Graduate Research Supplements (GRS)
Agency: National Science Foundation

Deadline: 5/12/2008
GRC Number: 1948
Last Verified: 4/08

Contact: Usha Varshney, Coordinator
Directorate for Engineering
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8339

uvarshne@nsf.gov

Supports students underrepresented in PhD programs in electrical engineering and biomedical/biochemical/environmental engineering through supplements to current research grants funded by Divisions of Electrical, Communications and Cyber Systems; Chemical, Bioengineering, Environmental and Transport Systems; Civil, Mechanical, and Manufacturing Innovation; Engineering Education and Centers; and Industrial Innovation and Partnerships. Proposals must be submitted by a currently funded principal investigator.

<http://www.nsf.gov/pubs/2008/nsf08030/nsf08030.jsp>

Program: Hazard Mitigation and Structural Engineering (HMSE)
Agency: National Science Foundation

Deadline: 2/15/2009, 10/1/2009

GRC Number: 602

CFDA Number: 47.041

Last Verified: 11/08

Contact: M.P. Singh, Program Director
Civil, Mechanical, & Manufacturing Innovation
4201 Wilson Boulevard
Arlington, VA 22230
703/292-7081
mpsingh@nsf.gov

Supports research on design & performance of structural systems & new technologies for improving behavior, safety, & reliability of structural systems & their resistance to natural & technological hazards. Also supports innovations in analysis & model-based simulation of structural behavior & response; design concepts; structural health monitoring; & applications of new control techniques for structural systems. Proposal windows 1/15-2/15 and 9/1-10/1 annually.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13358

Program: Hydrologic Sciences (HS)
Agency: National Science Foundation

Deadline: 6/1/2008, 12/1/2008

GRC Number: 606

CFDA Number: 47.050

Last Verified: 9/08

Contact: L. D. James, Program Director
Earth Sciences (EAR)
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8549
ldjames@nsf.gov

Supports research on the flow of water and transport processes within streams, soils, & aquifers. Particular attention is given to spatial and temporal heterogeneity of fluxes & storages of water and chemicals over a wide range of scales, to geomorphology, & to interfaces with the landscape, microbial communities, & coastal areas. Studies may also deal with processes in aqueous geochemistry & with the physical, chemical, & biological processes within water bodies.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13684

Program: International Polar Year (IPY)

Agency: National Science Foundation

Deadline: 3/16/2007, 9/14/2007

GRC Number: 1949

CFDA Number: 47.076

Last Verified: 12/08

Contact: Matthew Kane, Program Director

Division of Environmental Biology

4201 Wilson Boulevard, Room 685-S

Arlington, VA 22230

703/292-7186

mkane@nsf.gov

Current funding for continuation awards only. IPY 2007 ends 3/09. Supports research on environmental change in polar regions, human & biotic systems in polar regions, & education & outreach. Projects are expected to be interdisciplinary in scope; involve a pulse of activity during the IPY period; leave a legacy of infrastructure and data; expand international cooperation; engage the public in polar discovery; & help attract the next generation of scientists and engineers. 9/14/07 deadline applied only to projects on humans in polar regions.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501036

Program: Long Term Research in Environmental Biology (LTREB)

Agency: National Science Foundation

Deadline: 1/9/2009, 7/9/2009 (Target date)

GRC Number: 1090

CFDA Number: 47.074

Last Verified: 10/08

Contact: Saran Twombly, Program Director

Division of Environmental Biology

4201 Wilson Boulevard

Arlington, VA 22230

703/292-8133

jzimmerm@nsf.gov

Supports the generation of extended time series of biological & environmental data that address ecological & evolutionary processes aimed at resolving important issues in environmental biology. Researchers must have collected at least six years of previous data & must present a cohesive conceptual rationale or framework for 10 years of research. Questions or hypotheses outlined in this conceptual framework must guide an initial five-year proposal as well as a subsequent, abbreviated renewal.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13544&org=DEB

Program: Marine Geology and Geophysics Program
Agency: National Science Foundation

Deadline: 2/15/2009, 8/15/2009 (Target date)
GRC Number: 90
CFDA Number: 47.050
Last Verified: 11/08

Contact: Bilal Haq, Program Director
Ocean Sciences Division
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8581
bhaq@nsf.gov

Supports research on all aspects of geology & geophysics of the ocean basins & margins, & the Great Lakes, including structure, tectonic evolution & volcanic activity of the ocean basins, the continental margins, the mid-ocean ridges, & island arc systems; processes controlling exchange of heat & chemical species between seawater & ocean rocks; marine sediments; past ocean circulation patterns & climates; and interactions of continental and marine geologic processes.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11726

Program: National STEM Education Digital Library (NSDL)
Agency: National Science Foundation

Deadline: 6/27/2008
GRC Number: 1223
CFDA Number: 47.076
Last Verified: 4/08

Contact: Lee Zia, Lead Program Director
Division of Undergraduate Education
4201 Wilson Boulevard
Arlington, VA 22230
703/292-5140
lzia@nsf.gov

Provides large (in all tracks) and small (in all but NSDL Resource Center) grants to establish a national network of learning environments and resources for STEM education at all levels. Four tracks: Pathways projects provide stewardship for content and services; Services projects provide user/provider support and enhance impact, efficiency, & value of the library; Targeted Research projects explore specific topics with immediate applicability to the library; and NSDL Resource Center. Optional letters of intent due 5/27/08.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5487

Program: NSF/DOE Partnership in Basic Plasma Science & Engineering
Agency: National Science Foundation

Deadline: 10/22/2008 (Target date)
GRC Number: 2314
Last Verified: 8/08

Contact: Richard Berger, Expert (see solicitation for other contacts)
Physics Division
4201 Wilson Boulevard
Arlington, VA 22230
703/292-2183
rlberger@nsf.gov

NSF's Directorates Mathematical & Physical Sciences, Engineering, & Geosciences, and the Office of Science/Office of Fusion Energy Sciences of the Department of Energy support plasma research & education that address fundamental issues in plasma science & engineering that can have impact in other areas or disciplines. Target date is 10/22 annually through 2010.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5602

Program: Opportunities for Promoting Understanding through Synthesis (OPUS)
Agency: National Science Foundation

Deadline: 1/9/2009, 7/9/2009 (Target date)
GRC Number: 1831
CFDA Number: 47.074
Last Verified: 10/08

Contact: Mark Courtney, Program Director
Division of Environmental Biology
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8481
mcourtne@nsf.gov

Within the Ecological Biology, Ecosystem Science, & the Population and Evolutionary Processes clusters, OPUS supports proposals aimed at synthesizing a body of related research projects conducted by an individual or, in cases where multiple scientists already have worked collaboratively, groups of

investigators over an extended period. Usually supports mid-to late- career investigators, but also supports early-career projects that will produce unique, integrated insight.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13403

Program: Physics of Living Systems (PoLS)

Agency: National Science Foundation

Deadline: 7/31/2008

GRC Number: 2272

Last Verified: 5/08

Contact: Krastan Blagoev, Program Director

Division of Physics

4201 Wilson Boulevard, Room 1015-N

Arlington, VA 22230

703/292-4666

kblagoev@nsf.gov

Program evolved from the Biological Physics program, which supported projects that applied analytical & experimental tools of physics to the study of biological problems at the molecular level. PoLS is replacing Biological Physics & will target theoretical & experimental research exploring the most fundamental biological processes that living systems utilize to perform their functions in dynamic & diverse environments. PoLS will stimulate those investigations that have the potential to transform the study of living systems.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6673

Program: Solar, Heliospheric, and INTERplanetary Environment (SHINE)

Agency: National Science Foundation

Deadline: 8/20/2008

GRC Number: 1653

CFDA Number: 47.050

Last Verified: 5/08

Contact: Paul Bellaire, Program Director

Atmospheric Sciences (ATM)

4201 Wilson Boulevard

Arlington, VA 22230

703/292-8519

pbellair@nsf.gov

Supports research directly related to topics under discussion at community workshops organized by SHINE. Goal is to promote enhanced understanding of and predictive capabilities for solar disturbances that propagate to Earth.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5749 and

<http://www.shinegroup.org>

Program: Undergraduate Research and Mentoring in the Biological Sciences (URM)
Agency: National Science Foundation

Deadline: 9/15/2009
GRC Number: 913
CFDA Number: 47.074
Last Verified: 6/08

Contact: Alan Savitzky, Program Director
Division of Biological Infrastructure
4201 Wilson Boulevard
Arlington, VA 22230
703/292-8470
asavitzk@nsf.gov

Supports projects that provide year-round support for undergraduate students to gain research experience in biology research. Field experience must be part of the research experience. Projects should encourage members of under-represented groups to enter and remain in biological science research. Deadline refers to required preliminary proposals. Invited full proposals due 3/3/09.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=500036

Program: Campus Ecology Fellowships (Graduate & Undergraduate Students)
Agency: National Wildlife Federation

Deadline: 2/2/2009, 10/1/2008
GRC Number: 1175
Last Verified: 11/08

Contact: Kathy Cacciola, Program Coordinator
11100 Wildlife Center Drive
Reston, VA 20190
703/438-6000
campus@nwf.org

Provides up to \$2,000 to undergraduate students and up to \$5,000 to graduate students to offset costs for projects on a variety of sustainability practices that work to reduce schools' carbon footprint. Funds may be used for direct project expenses &/or to cover living expenses. Applicants need not be environmental studies majors. GRC members have received awards. Deadlines for 2008-09 are 10/1/08, 11/14/08, & 2/2/09.

<http://www.nwf.org/campusEcology/fellowships/index.cfm>

Program: Challenge Cost-Share Grant Program
Agency: U.S. Department of Agriculture

Deadline: 9/6/2007
GRC Number: 2030
CFDA Number: 10.675
Last Verified: 11/08

Contact: Suzanne De Villar, Executive Assistant
U.S. Forest Service
132 Moreno Avenue
Sugarloaf, CA 92386
sdelvillar@fs.fed.us

Projects must have national or widespread scope and application and include a clear, national distribution or outreach plan for the findings. Projects may fall under any of these five categories: innovative urban and community forestry for minority and underserved populations, advancing emerging issues, innovative urban and community forestry research and/or technology development, capacity building and special emphasis areas.

http://treelink.org/nucfac/general_info.html

Program: Integrated Research, Education & Extension Competitive Grants: CEAP
Agency: U.S. Department of Agriculture

Deadline: 6/17/2008
GRC Number: 1807
CFDA Number: 10.303
Last Verified: 4/08

Contact: James Dobrowolski, National Program Leader
CSREES
1400 Independence Ave, SW, STOP 2210
Washington, DC 20250-2210
202/401-5016
jdobrowolski@csrees.usda.gov

Program develops research and extension projects aimed at improving the watershed health of grazingland watersheds across the nation. The goal of this program area is to build a knowledge base that can be used to evaluate the impacts of conservation projects and programs on grazingland watershed health, improve the management of grazinglands to achieve environmental goals and inform policy decisions.

<http://www.csrees.usda.gov/fo/fundview.cfm?fnum=1160>

Program: Integrated Research, Education & Extension Competitive Grants: Water Quality
Agency: U.S. Department of Agriculture

Deadline: 4/29/2008
GRC Number: 1806
CFDA Number: 10.303

Last Verified: 1/08

Contact: Michael O'Neill, National Program Leader for Water Quality
CSREES
1400 Independence Ave, SW
Washington, DC 20250-2245
202/205-5952
moneill@csrees.usda.gov

The goal of the NIWQP is to contribute to the improvement of the quality of our Nation's surface water and groundwater resources through research, education, and extension activities. Projects funded through this program will facilitate achieving this goal by advancing and disseminating the knowledge base available to agricultural, rural, and urbanizing communities.

http://www.csrees.usda.gov/funding/rfas/water_quality.html

Program: NRI: Air Quality
Agency: U.S. Department of Agriculture

Deadline: 6/5/2008
GRC Number: 1734
CFDA Number: 10.206
Last Verified: 3/08

Contact: Raymond Knighton, National Program Leader
CSREES
1400 Independence Ave SW., Stop 2201
Washington, DC 20250-2201
202/401-6417
rknighton@csrees.usda.gov

Goal to develop emission data for agriculture, forest, & range production practices & to improve understanding of odor, gases, & particulate matter (PM) measurement, production, flux, fate & transport. Specific emphasis will be placed on compounds that are regulated by state & federal agencies & geographic regions that are in non-attainment of national ambient air quality standards. LOIs were required by 3/5 for integrated applications only.

<http://www.csrees.usda.gov/fo/fundview.cfm?fonum=1062>

Program: Rural Cooperative Development Grants Program (RCDG)
Agency: U.S. Department of Agriculture

Deadline: 4/8/2008
GRC Number: 969
CFDA Number: 10.446
Last Verified: 3/08

Contact: Amy Cavanaugh

South Agriculture Building, Room 4016
1400 Independence Ave., SW
Washington, DC 20250-3250
202/260-1506
cpgrants@usda.gov

Provides grants to non-profit companies & IHEs to improve economic conditions in rural areas through cooperative development by coordinating activities that retain rural businesses, facilitate cooperatives, generate employment, improve marketing opportunities & provide technical assistance. In FY 08, \$4.4 million available for awards up to \$200,000 (match required). Applications submitted to appropriate state offices.

<http://www.rurdev.usda.gov/rbs/coops/rcdg/rcdg.htm>

Program: USDA Small Business Innovation Research (SBIR) Program
Agency: U.S. Department of Agriculture

Deadline: 9/4/2008
GRC Number: 304
CFDA Number: 10.212
Last Verified: 7/08

Contact: Charles Cleland, Division Director, Small Business Innovation Research
Cooperative State Research Service
Aerospace Center, Room 320
Washington, DC 20250-2243
202/401-4002
ccleland@reeusda.gov

Supports small business projects (university involvement encouraged as consultants) for advanced concepts related to scientific problems in agriculture leading to significant public benefit if research is successful. Awardees may request up to \$350,000 . Topics include: Forests/Related Resources, Plant/Animal Production & Protection, Air, Water & Soils, Food Science/Nutrition, Rural & Comm. Devel, Aquaculture, Industrial App, Wildlife, Animal Waste Mgmt. Deadline refers to Phase I proposals. Phase II proposals by invitation only.

http://www.csrees.usda.gov/funding/rfas/sbir_rfa.html

Program: BAA Request for Extramural Research & Technical Projects
Agency: U.S. Department of Commerce

Deadline: 9/28/2009
GRC Number: 2098
CFDA Number: 11.433
Last Verified: 7/08

Contact: Rimas Liogys
NOAA

1315 East-West Highway
Silver Spring, MD 20910
301/713-0833 x199

Supports projects to understand & predict changes in the Earth's environment & conserve & manage coastal & marine resources. The BAA is a consolidated source of program information related to its competitive grant & cooperative agreement award offerings from the following: Marine Fisheries Service; Ocean Service; Weather Service; Environmental Satellite Data Information Service; & Office of Oceanic & Atmospheric Research. All participate in seeking unsolicited proposals, with different contacts & deadlines.

<http://a257.g.akamaitech.net/7/257/2422/01jan20071800/edocket.access.gpo.gov/2007/E7-2833.htm>

Program: Collaborative Science, Technology, & Applied Research (CSTAR)

Agency: U.S. Department of Commerce

Deadline: 10/19/2007

GRC Number: 1268

CFDA Number: 11.468

Last Verified: 12/08

Contact: Sam Contorno, Program Officer

NOAA/National Weather Service

1325 East-West Highway, Rm. 15330

Silver Spring, MD 20910

301/713-3557 x150

samuel.contorno@noaa.gov

Supports collaborative research between operational forecasters & academic institutions which have expertise in the environmental sciences. These activities will engage researchers & students in applied research of interest to the operational meteorological community & improve the accuracy of forecasts & warnings of environmental hazards by applying scientific knowledge & info to NWS products & services. No announcement released in FY09.

<http://www.grants.gov/search/search.do?oppld=14654&mode=VIEW> or

<http://www.nws.noaa.gov/>

Program: National Marine Fisheries Service (NMFS) Project Competitions

Agency: U.S. Department of Commerce

Deadline: 8/11/2008, 11/3/2008

GRC Number: 1686

CFDA Number: 11.439

Last Verified: 8/08

Contact: Janet Whaley, Program Officer (ext. 170)

NOAA Office of Protected Resources

1315 East-West Highway

Silver Spring, MD 20910-3283
301/713-2322
janet.whaley@noaa.gov

NMFS supports: Marine Fisheries Initiative (MARFIN) Program (8/11), John H. Prescott Marine Mammal Rescue Assistance Grants (10/1), B-WET Program (10/19), General Coral Reef Conservation (11/3), Cooperative Research Program, North Atlantic Right Whale Research Programs. Deadlines, award amounts & contacts vary.

<http://www.nmfs.noaa.gov/pr/pdfs/fr/fr72-36244.pdf>

Program: NOAA Marine Aquaculture Program
Agency: U.S. Department of Commerce

Deadline: 10/18/2007
GRC Number: 1132
CFDA Number: 11.417
Last Verified: 6/08

Contact: James McVey, Alternate contact: Andy.Lazur@noaa.gov
National Marine Fisheries Service
1100 Wayne Ave., Suite 1210
Silver Spring, MD 20910
301/713-2451 x160
NOAA.Aquaculture@noaa.gov

Supports projects that ensure the development of an economically & environmentally sound marine aquaculture industry in the U.S. to meet the nation's growing appetite for seafood. These projects will lead to technical developments in genetics, nutrition, disease, hormone manipulation, biotechnology, & mitigation of environmental impacts. Great Lakes are considered marine for this competition. No competition until summer 2009.

<http://www.seagrant.noaa.gov/funding/rfp.html#aquaculture> or
<http://www.nmfs.noaa.gov/aquaculture/>

Program: Ocean and Atmospheric Research - Fellowship Programs
Agency: U.S. Department of Commerce

Deadline: 2/20/2009, 10/11/2007
GRC Number: 140
CFDA Number: 11.417
Last Verified: 12/08

Contact: Terry Smith, Program Officer
NOAA/Nat. Marine Fisheries Service
1315 East West Highway
Silver Spring, MD 20910
301/713-2435 x144

Programs aim to understand & predict changes in the environment, conserve & manage coastal & marine resources. Aquatic Invasive Species Research and Outreach Program preproposal was required by 10/11. NMFS-Sea Grant Joint Grad Fellowship Program in Population Dynamics and Marine Resource Economics (1/25). Prospective Fellows must be admitted to a PhD degree program at an IHE. Knauss Marine Policy Fellowship Program (2/20) . Number of awards & funding amounts vary. Contacts vary.

<http://www.seagrant.noaa.gov/funding/rfp.html>

Program: Spherical Display System for Earth System Science

Agency: U.S. Department of Commerce

Deadline: 10/30/2007

GRC Number: 1985

CFDA Number: 11.469

Last Verified: 12/08

Contact: Carrie McDougall

NOAA

Office of Education

Washington, DC 20230

202/482-0875

carrie.mcdougall@noaa.gov

Applications accepted from institutions with interest in increasing environmental literacy among the general public through increased use of NOAA or NOAA-related data & data products in informal education institutions. Goals include projects to inspire youth to pursue scientific careers, & to improve public's understanding of the natural environment & response to natural hazards. Next competition expected in spring 2009.

http://www.oesd.noaa.gov/funding_opps.html

Program: Technology Innovation Program (TIP)

Agency: U.S. Department of Commerce

Deadline: 9/4/2008

GRC Number: 2300

CFDA Number: 11.613

Last Verified: 7/08

Contact: Thomas Wiggins, Director, Selection Office

100 Bureau Drive, Stop 4701

Gaithersburg, MD 20899

Gaithersburg, MD 20899

301-975-5416

thomas.wiggins@nist.gov

Assists businesses and institutions of higher education support, promote, and accelerate innovation in the U.S. through high-risk, high-reward research in areas of critical national need. Program addresses a

critical national need for improved sensing technologies to help local, state, & national authorities more cost-effectively monitor & maintain the nation's aging public infrastructure. Eligibility limited to businesses. IHEs can partner. \$9 million is available to make about 9 awards in FY 08.

<http://www.nist.gov/tip/>

Program: AFOSR: Young Investigator Research Program
Agency: U.S. Department of Defense

Deadline: 7/22/2008
GRC Number: 1976
Last Verified: 4/08

Contact: Spencer Wu
Air Force Office of Scientific Research
875 North Randolph Street
Arlington, VA 22203-1954
703/696-7315
spencer.wu@afosr.af.mil

Supports young scientists and engineers in Air Force relevant disciplines and is designed to promote innovative research in science and engineering. The awards foster creative basic research in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities to recognize Air Force mission and challenges in science and engineering.

<http://www.wpafb.af.mil/library/factsheets/factsheet.asp?id=8127>

Program: ARO Broad Agency Announcement
Agency: U.S. Department of Defense

Deadline: 9/30/2011
GRC Number: 2076
CFDA Number: 12.431
Last Verified: 6/08

Contact:
Army Research Office
P.O. Box 12211
Rsrch Triangle Park, NC 27709-2211

FY 2007-2011 BAA supports proposals for basic research in mechanical sciences, environmental sciences, mathematical and computer sciences, electronics, computational & information sciences, physics, chemistry, life sciences, & materials science. Before applicants submit a white paper or proposal they are strongly encouraged to contact appropriate contacts. ARO prefers proposals to cover a 3-year period, including a brief summary of work contemplated for each 12-month period. Open through 9/30/11.

<http://www.arl.army.mil/main/main/default.cfm?Action=6&Page=8>

Program: Atmospheric Radiation Measurement (ARM) Program
Agency: U.S. Department of Energy

Deadline: 4/30/2008
GRC Number: 1211
CFDA Number: 81.049
Last Verified: 3/08

Contact: Wanda Ferrell, Grant Officer
Germantown Building
1000 Independence Ave
Washington, DC 20585
301/903-4074
wanda.ferrell@science.doe.gov

Supports applications to develop innovative techniques for observational data analysis and improved/new climate modeling parameterizations that represent clouds and their impact on the atmospheric radiation balance in conjunction with the Atmospheric Radiation Measurement (ARM) Program in the Climate Change Research Division as part of the U.S. Climate Change Science Program.

http://www.science.doe.gov/grants/LAB08_14.html

Program: Atmospheric Science Program (ASP)
Agency: U.S. Department of Energy

Deadline: 5/1/2007
GRC Number: 558
CFDA Number: N/A
Last Verified: 5/08

Contact: Ashley Williamson, ASP Program Manager
Office of Bio & Environmental Research
1000 Independence Ave., SW
Washington, DC 20585-1290
301/903-8519
ashley.williamson@science.doe.gov

Supports research grants in experimental and theoretical studies of aerosol radiative forcing of climate in conjunction with the Atmospheric Science Program in the Climate Change Research Division as part of the U.S. Climate Change Science Program. Focus is on the role of atmospheric aerosols in radiative forcing of the Earth's climate.

<http://www.science.doe.gov/grants/FAPN07-26.html> or
http://www.asp.bnl.gov/#Science_Projects

Program: Biomass Research and Development Initiatives
Agency: U.S. Department of Energy

Deadline: 4/28/2008
GRC Number: 1787
CFDA Number: 81.087
Last Verified: 5/08

Contact: Stephanie Carabajal, Grant Officer
Office of Biomass Program
1400 Independence Ave., SW
Washington, DC 20250-1600
303/275-4911
GO98018@go.doe.gov

Supports research and development of biomass-based products, biofuels, bioenergy and related processes. USDA and DOE are issuing this grant solicitation for several types of projects aimed at increasing the availability of alternative and renewable fuels. Two programs currently open: Biomass Fast Pyrolysis Oil (Bio-oil) Stabilization and University Research in Biomass Technologies.

http://www1.eere.energy.gov/biomass/biomass_solicitations.html

Program: Building America Energy Efficient Housing Partnerships
Agency: U.S. Department of Energy

Deadline: 7/31/2007
GRC Number: 2150
CFDA Number: 81.086
Last Verified: 12/08

Contact: Kelly McDonald, Grant Specialist
National Energy Technology Laboratory
3610 Collins Ferry Road
Morgantown, WV 26507-0880
304/285-4113
kelly.mcdonald@netl.doe.gov

Supports project to further building science research to find energy efficient solutions for new & existing housing that can be implemented on a production basis, with the goal of developing cost effective Net Zero Energy Homes by 2020. \$40 million is available. Colleges & universities are eligible to apply. Cost share is required. The primary goal is to enable industry to adopt systems engineering approaches to the design and construction of a large portion of all new housing.

http://www1.eere.energy.gov/financing/solicitations_detail.html?sol_id=128

Program: Environmental Remediation Science Program
Agency: U.S. Department of Energy

Deadline: 1/30/2009, 4/9/2009
GRC Number: 1209
CFDA Number: 81.049
Last Verified: 12/09

Contact: David Lesmes
Environmental Remediation Sciences Div.
19901 Germantown Road
Germantown, MD 20874
301/903-2977
David.Lesmes@science.doe.gov

Program supports fundamental research investigating the coupled physical, chemical, and biological processes affecting the transport of subsurface contaminants at DOE sites. Applications should address the applicability of the proposed research to DOE relevant contaminant transport processes occurring in the field. In FY 09, \$4 million dollars will be available for about 20 awards. Preapplications are strongly encouraged (1/30).

<http://www.lbl.gov/ERSP/generalinfo/proposalcalls.html>

Program: Global Change Education Program (GCEP)
Agency: U.S. Department of Energy

Deadline: 2/2/2009, 8/29/2008
GRC Number: 1025
CFDA Number: N/A
Last Verified: 10/08

Contact: Jeff Gaffney, Chief Scientist
Office of Bio and Environmental Research
19901 Germantown Road
Germantown, MD 20874-1290
501/569-8840
jjsgaffney@ualr.edu

Supports undergraduate & grad training in support of OBER's global change research activities, which encompass a wide variety of study areas, including atmospheric sciences, ecology, global carbon cycles, climatology, & terrestrial processes. The two components of GCEP are: the Summer Undergraduate Research Experience (SURE) and Graduate Research Environmental Fellowships (GREF). U.S. citizenship is required for application to any of the GCEP projects.

<http://www.atmos.anl.gov/GCEP/Applications/index.html>

Program: Low Dose Radiation Research Program-Basic Biology and Modeling
Agency: U.S. Department of Energy

Deadline: 6/25/2008
GRC Number: 2266
Last Verified: 4/08

Contact: Noelle F. Metting
Biological and Environmental Research
1000 Independence Avenue
Washington, DC 20585
301/903-8309
noelle.metting@science.doe.gov

DOE's Office of Biological & Environmental Research & NASA's Human Research Program support new research to develop a better scientific basis for understanding risks to humans from exposures to low doses or low fluences of ionizing radiation. Research applications must primarily support the needs of DOE/BER & may also include complementary research of interest to NASA/HRP. Potential applicants strongly encouraged to submit a brief pre-app to SCLifesci.lowdose@science.doe.gov.

<http://www.science.doe.gov/grants/grants.html>

Program: National Institute for Climatic Change Research
Agency: U.S. Department of Energy

Deadline: 5/16/2008
GRC Number: 2251
Last Verified: 3/08

Contact: Jeff Amthor
Northeastern Regional Center
2217 Earth/Engineering Science Building
University Park, PA 16802
301/903-2507
jeff.amthor@science.doe.gov

Supports research that would answer important questions about potential effects of contemporary climatic change on the structure and functioning of important U.S. terrestrial ecosystems, or that would answer important questions about possible feedbacks from terrestrial ecosystems to changes in climate or atmospheric composition. NICCR is managed by five regional centers. Potential applicants must apply through the center covering their region. Deadline refers to required preproposals. Invited full proposals are due August 15.

<http://niccr2.bio.nau.edu/>

Program: Office of Science Financial Assistance Program
Agency: U.S. Department of Energy

Deadline: 9/30/2008
GRC Number: 1114
CFDA Number: N/A
Last Verified: 5/08

Contact:
Office of Science
1000 Independence Avenue, SW
Washington, DC 20585

DOE's annual solicitation (DE-PS02-08ER08-01) supports basic & applied research in the following areas: Basic Energy Sciences, High Energy Physics, Nuclear Physics, Advanced Scientific Computing, Fusion Energy Sciences, Biological & Environmental Research, & Energy Research Analyses. Contacts vary according to research area, & should be notified prior to proposal preparation & submission. Applications must be submitted electronically, as early in the fiscal year as possible but no later than 9/30/08. Approximately \$400 million will be available for grant & cooperative agreement awards in FY 2008.

<http://www.science.doe.gov/grants/>

Program: Science Undergraduate Laboratory Internships (SULI)
Agency: U.S. Department of Energy

Deadline: 2/1/2009, 7/1/2008, 10/1/2008 (Target date)
GRC Number: 923
CFDA Number: N/A
Last Verified: 10/08

Contact:
1000 Independence Avenue, SW
SC-1
Washington, DC 20585
202/586-9742
sc.helpwithapplication@science.doe.gov

Supports undergraduate training & research internships at 14 DOE labs. Students work with scientists or engineers on projects related to labs' research programs. Different labs each offer different research opportunities. Appointments are for 10 weeks in the summer (2/1/09 deadline), 16 weeks in the spring & fall. Stipend provides \$400/week. Target dates refer to the first day DOE begins reviewing applications; applications submitted after that date may not be considered.

<http://www.scied.science.doe.gov/scied/erulf/about.html>

Program: Small Business Innovation Research (SBIR) Program
Agency: U.S. Department of Energy

Deadline: 4/18/2008, 11/20/2008

GRC Number: 457
CFDA Number: 81.049
Last Verified: 10/08

Contact: Larry James, Program Manager
SBIR/STTR Program, ER-32
19901 Germantown Road
Germantown, MD 20874-1290
sbir_sttr@science.doe.gov

DOE supports high-quality research or R&D in about 50 technical topic areas concerning important mission-related scientific or engineering problems & opportunities that are likely to lead to significant public benefit if the research is successful. Only small businesses are eligible to receive SBIR/STTR awards. Joint ventures are also allowed. Phase I awards - \$100K each; Phase II - \$750K each.

<http://sbir.er.doe.gov/sbir/>

Program: Support of Advanced Coal Research at US Colleges & Universities
Agency: U.S. Department of Energy

Deadline: 6/10/2008
GRC Number: 309
CFDA Number: 81.057
Last Verified: 4/08

Contact: Jane Weaver, Grant Specialist Grant Specialist
National Energy Technology Laboratory
3610 Collins Ferry Road
Morgantown, WV 26507
412/386-4422
Jane.Weaver@netl.doe.gov

Supports grants to maintain & upgrade educational, training, & research capabilities of U.S. colleges & universities in coal science & technology. Involvement of professors & students will be conducive to the generation of fresh ideas & will ensure a future supply of U.S. coal scientists & technologists. Applications accepted in five areas of interest.

<http://www.netl.doe.gov/business/solicitations/index.html>

Program: Support of Advanced Fossil Resource Utilization by HBCUs & OMIs
Agency: U.S. Department of Energy

Deadline: 6/5/2008
GRC Number: 1212
Last Verified: 4/08

Contact: Robyn McKee, Contract Specialist
National Energy Technology Laboratory

P.O. Box 10940, MS 921-107
Pittsburgh, PA 15236-0940
412/386-6001
Mckee@netl.doe.gov

Provides approximately \$950,000 each year to fund awards, averaging \$80,000 to \$200,000 for Historically Black Colleges & Universities (HBCUs) & Other Minority Institutions (OMIs) in support of innovative research & development of advanced concepts pertinent to fossil resource conversion & utilization. Collaboration with private industry is encouraged. Applications must be submitted under one of several technical topic areas announced each year.

<http://www.netl.doe.gov/business/solicitations/index.html#43115>

Program: Healthy Homes and Lead Hazard Control Programs
Agency: U.S. Department of Housing and Urban Development

Deadline: 7/3/2008
GRC Number: 903
CFDA Number: 14.900
Last Verified: 5/08

Contact: Jonnette Hawkins, Program Officer
451 7th Street, SW
Room 8236
Washington, DC 20410
202/402-7593
[Jonnette G. Hawkins@hud.gov](mailto:Jonnette.G.Hawkins@hud.gov)

Consists of seven programs that provide grants and cooperative agreements to help combat lead-based paint & other housing related health and safety hazards: Lead-based Paint Hazard Control (7/10); Healthy Homes Technical Studies (7/3); Lead Technical Studies (7/3); Healthy Homes Demonstration (7/17); Lead Outreach Program (7/17); Operation Lead Elimination Action Program (7/10); and Lead Hazard Reduction Demonstration (7/17).

<http://www.hud.gov/offices/adm/grants/fundsavail.cfm>

Program: Environmental Studies Program (ESP)
Agency: U.S. Department of the Interior

Deadline: 5/1/2007
GRC Number: 382
CFDA Number: 15.423
Last Verified: 8/08

Contact: James Cimato, Studies Coordinator
Minerals Management Service
381 Elden Street
Herndon, VA 20270

703/787-1721

James.Cimato@mms.gov

Supports research to predict, assess, & manage impacts from offshore gas, oil & marine mineral exploration, development, & production activities on human, marine, & coastal environments. Of interest are studies to characterize living resources in the marine environment & effects of disturbances related to Outer Continental Shelf gas & oil activities, such as noise, routine drilling discharges, accidental spills, fuel combustion emissions & habitat alteration. Announcements appear in the FedBizOpps.

<http://www.mms.gov/eppd/sciences/esp/index.htm>

Program: Mineral Resources External Research Program (MRERP)

Agency: U.S. Department of the Interior

Deadline: 9/28/2008

GRC Number: 1612

CFDA Number: 15.808

Last Verified: 8/08

Contact: Faith Peters, Contracting Officer

U.S. Geological Survey, National Center

12201 Sunrise Valley Drive

Reston, VA 20192

703/648-7356

fpeters@usgs.gov

Supports research to ensure availability: of up-to-date quantitative assessments of potential for undiscovered mineral deposits; of up-to-date geoenvironmental assessments of priority federal lands; of reliable geologic, geochemical & mineral locality data for the U.S., & of long-term data sets describing mineral production & consumption.

<http://minerals.usgs.gov/mrerp/2008.html>

Program: North American Wetlands Conservation Act Grants

Agency: U.S. Department of the Interior

Deadline: 3/7/2008, 8/1/2008, 10/30/2008

GRC Number: 910

CFDA Number: N/A

Last Verified: 12/08

Contact: Rodecia Knight, Small Grants Coordinator

U.S. Fish & Wildlife Service

4401 N. Fairfax Dr., Mailstop MBSP 4075

Arlington, VA 22203

703-358-2266

keith_morehouse@fws.gov

Provides matching funds for wetlands conservation partnership projects that ensure long-term benefits to wetland ecosystems & the waterfowl, fish and wildlife that depend on such habitat. Supports acquisition, enhancement, and restoration of wetland and wetland-associated habitats. Small Grants (deadline 10/30) provide up to \$50K/year. Standard Grants (deadlines 3/7, 8/1) provide up to \$1million. Contact is for Small Grants.

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

Program: Brownfields Training, Research, and Technical Assistance Grants

Agency: U.S. Environmental Protection Agency

Deadline: 5/1/2008

GRC Number: 2257

CFDA Number: 66.814

Last Verified: 3/08

Contact: Sven-Erik Kaiser
Office of Brownfields & Land Revitalization
1200 Pennsylvania Avenue
Washington, DC 20460
202-566-2753
kaiser.sven-erik@epa.gov

Provides research and project assistance for Brownfields Sites (redevelopment properties which are complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant). Subject areas include protection of human health and the environment, sustainable development, and equitable development. In FY 08, \$1.5 million will be available for awards ranging from \$300K to \$1.5 million for up to five years.

<http://www.epa.gov/oswer/docs/grants/epa-oswer-obl-08-02.pdf>

Program: Collaborative Science And Technology Network For Sustainability

Agency: U.S. Environmental Protection Agency

Deadline: 5/17/2006

GRC Number: 1958

CFDA Number: 66.509

Last Verified: 10/08

Contact: Tom Barnwell
Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, DC 20460
202/343-9862
barnwell.thomas@epa.gov

Supports innovative regional projects that apply science to decision-making to address a stated problem. CNS projects will bring together diverse sets of partners to explore and learn about new approaches for

environmental protection that are systems-oriented, forward-looking, and preventive and also link to economic and social dimensions. No competition in FY 08.

http://es.epa.gov/ncer/rfa/2006/2006_star_cns.html#

Program: Consequences of Global Change for Water Quality

Agency: U.S. Environmental Protection Agency

Deadline: 5/8/2008

GRC Number: 1982

CFDA Number: 66.509

Last Verified: 3/08

Contact: William Stelz, Program Officer

1200 Pennsylvania Avenue, NW

Ariel Rios Building

Washington, DC 20460

202/343-9802

stelz.william@epa.gov

Supports research to better understand the effect of global change on U.S. water quality. Successful proposals should address one or more research topics mentioned in the program announcement. Estimated total program funding amount is \$4.5 million to fund up to seven awards. Potential funding per grant is \$800,000.

http://es.epa.gov/ncer/rfa/2008/2008_star_gcwq.html

Program: Environmental Justice Small Grants Program

Agency: U.S. Environmental Protection Agency

Deadline: 6/30/2008

GRC Number: 729

CFDA Number: 66.604

Last Verified: 5/08

Contact: Sheila Lewis, Program Manager

Office of Environmental Justice (3103)

1200 Penn. Ave., NW

Washington, DC 20460-0001

202/564-0152

Lewis.Sheila@epa.gov

Supports community-based/grassroots, non-profit organizations & tribal governments working in collaboration to exchange information on environmental justice issues. Educational institutions can apply if they are in affected community only, preferably working with a community organization.

<http://www.epa.gov/compliance/environmentaljustice/grants/ej-smgrants.html>

Program: Great Lakes National Program
Agency: U.S. Environmental Protection Agency

Deadline: 2/28/2008, 6/10/2008
GRC Number: 124
CFDA Number: 66.469
Last Verified: 10/08

Contact: Michael Russ
Great Lakes National Program Office
77 West Jackson Boulevard (G-17J)
Chicago, IL 60604-3590
312/886-4013
russ.michael@epa.gov

Supports proposals furthering protection & clean up of Great Lakes ecosystem, specifically the restoration and maintenance of the chemical, physical, and biological integrity of the Great Lakes Ecosystem. In FY 08, an estimated \$750,000 was available to fund 8 to 12 awards from \$15,000-\$250,000. Program priorities vary.

<http://epa.gov/greatlakes/fund/2008rfa03/2008rfa03.pdf> and
<http://epa.gov/greatlakes/index.html>

Program: Small Business Innovation Research (SBIR) Program
Agency: U.S. Environmental Protection Agency

Deadline: 5/21/2008
GRC Number: 291
CFDA Number: N/A
Last Verified: 3/08

Contact: Marsha Johnson, Contract Specialist
RTP Procurement Operations
4930 Old Page Road
Research Triangle, NC 27709
919/541-5293
johnson.marsha@epa.gov

Supports research by small businesses with capabilities that include: drinking water and/or wastewater treatment; biological sludge treatment; solid and hazardous waste disposal; pollution at Superfund sites; control of rain precursors; air pollution; and waste water reduction and pollution prevention. EPA issues annual solicitations for Phase I & Phase II research proposals from science & technology-based firms. IHEs may provide consulting or subcontracting services. Please see notice for EPAs request for specific topics.
<http://es.epa.gov/ncer/sbir/>

Program: Source Reduction Assistance Grants Program
Agency: U.S. Environmental Protection Agency

Deadline: 6/9/2008
GRC Number: 2138
CFDA Number: 66.717
Last Verified: 6/08

Contact: Contacts vary by region
Ariel Rios Building
1200 Pennsylvania Ave. NW
Washington, DC 20004

Program aims to fund pollution prevention activities. EPA will have \$1.09 million available to fund projects supporting source reduction/pollution prevention and/or resource conservation activities in fiscal year 08. Please see notice for region specific objectives.

<http://www.epa.gov/p2/pubs/grants/srap08.htm#VII>

Program: STAR Fellowships for Graduate Environmental Study
Agency: U.S. Environmental Protection Agency

Deadline: 10/23/2007
GRC Number: 852
CFDA Number: 66.514
Last Verified: 12/08

Contact: Stephanie Willett, Environmental Sciences Research Division
1200 Pennsylvania Avenue, NW
Washington, DC 20460
202/343-9737
willett.stephanie@epa.gov

Supports graduate fellowships for master's & doctoral level students in environmentally related fields of study, including engineering, public health & ecological sciences. Master's level students can be supported for up to 2 years. Doctoral students can be supported up to 3 years (possibility for 4 years). Provides up to \$37,000/year for stipend, tuition, & expenses. Maximum of \$74,000 provided for master's fellows & \$111,000 for doctoral students. Deadline for required pre-applications. \$5.9 million is available to support 65 awards.

http://es.epa.gov/ncer/rfa/2008/2008_star_fellow.html

Program: STAR Research Grants
Agency: U.S. Environmental Protection Agency

Deadline: 1/6/2009, 5/5/2008, 7/29/2008, 11/3/2008
GRC Number: 527
CFDA Number: 66.509

Last Verified: 12/08

Contact: Stephanie Willett, Technical Administrator
National Center Environmental Research
1200 Pennsylvania Avenue, NW
Washington, DC 20460
202/343-9737

Supports environmental research by academic & non-profits, state & local govt. Current programs: Integrated Design, Modeling, and Monitoring of Geologic Sequestration of Anthropogenic Carbon Dioxide to Safeguard Sources of Drinking Water (1/6/09); Computational Toxicology Research Centers (1/29/09); Health Effects of Near-Roadway Exposures to Air Pollution (last ddln: 1/15/08); Water Infrastructure Sustainability (last ddlin: 7/29/08); and Ecology and Oceanography of Harmful Algal Blooms (last ddln: 10/4/07).

<http://es.epa.gov/ncer/rfa/>

Program: Targeted Watersheds Grant Program
Agency: U.S. Environmental Protection Agency

Deadline: 9/9/2008
GRC Number: 1545
CFDA Number: 66.439
Last Verified: 7/08

Contact: Tim Icke, Program Officer
Wetlands, Oceans, & Watersheds
1200 Pennsylvania Avenue, NW
Washington, DC 20460
202/566-1304
initiative.watershed@epa.gov

EPA is soliciting proposals from eligible entities for the development of market-based water quality programs to improve water quality by reducing nitrogen, phosphorus, sediment loadings, or pollutant loadings that cause low Biological Oxygen Demand (BOD) in local waters that enter the Mississippi River system and are ultimately discharged into the Northern Gulf of Mexico. Approximately \$4.2 million may be available for close to 30 awards.

http://www.epa.gov/owow/watershed/trading/TWG/pdf/TWG_Trading_RFP_June_2008.pdf
