



**You Can Use
Funding Opportunities as of 10/22/09**

College of Science and Technology

Program: ASM/CCID Postdoctoral Fellowships
Agency: American Society for Microbiology

CFDA Number: N/A

Next Deadline: Jan 15, 2010

Supports creation of methodologies & knowledge in infectious disease prevention & control in residence at the Coordinating Center for Infectious Diseases in Atlanta. Fellowship provides annual stipend, health benefits, relocation benefits, & professional development funding. Eligible fields are bacterial/myotic diseases, viral/rickettsial & nosocomial Infections, HIV/AIDS, vector-borne infectious diseases, STDs & parasitic diseases. Other award programs available.

See <http://www.asm.org/education/index.asp?bid=15497> for details.

Contact: Education Department
Education Department, 1752 N Street, NW, Washington, DC 20036
202/942-9295
E-mail: Fellowships-CareerInformation@asmusa.org

Program: Grants Program (Solicited and Unsolicited Proposals)
Agency: Environmental Research and Education Foundation

CFDA Number: N/A

Next Deadline: Jan 08, 2010

Supports research and education on solid waste management. Solicits proposals in nine long-term priority areas: Landfills; Transport/Collection; Policy/Economics; Recycling/Waste Minimization; Combustion/Waste-to-Energy; Equipment/Safety; Conversion Technologies; Life Cycle Inventory/Analysis; and Education (due 1/8 & 8/15 annually). Online pre-application required for unsolicited proposals (due 6/1 & 10/1 annually; invited full proposals due 8/15 and 1/8).

See <http://www.erefndn.org/guide.html> for details.

Contact: Bryan Staley, Vice President of Environmental Research (ext. 11)
901 North Pitt Street, Suite 270, Alexandria, VA 22314
703/299-5139
E-mail: proposals@erefndn.org

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

CFDA Number:

Next Deadline: Jan 22, 2010

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 \$6,000 (10-week summer session) or \$9,000 (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.

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

Contact: Sheri Klug, Project Administrator
2101 NASA Parkway, AE2 Education Office, Houston, TX 77058



281/244-6957

E-mail: sklug@epo.usra.edu

Program: Physical Anthropology
Agency: National Science Foundation

CFDA Number:

Next Deadline: Jan 20, 2010

Supports basic research in areas related to human evolution & contemporary human biological variation. Supported research areas include human genetic variation, human adaptation, human osteology & bone biology, human & nonhuman primate paleontology, functional anatomy, & primate socioecology. The program frequently serves as a bridge within NSF between the social & behavioral sciences & the natural & physical sciences. Proposals are commonly jointly reviewed and funded with other programs.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5407 for details.

Contact: Kaye Reed, Program Director
Behavioral and Cognitive Sciences Division, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-7850
E-mail: kreed@nsf.gov

Program: 2010 Project: To Determine the Function of All Genes in Arabidopsis Thaliana
Agency: National Science Foundation

CFDA Number: 47.074

Next Deadline: Jan 12, 2010 (target date)

FY 10 is the final competition year for this program. Supports research to determine the function of all genes in the model plant Arabidopsis thaliana through genome-wide analyses & the use of computational, modeling, & experimental approaches to exploring networks & systems in Arabidopsis. Proposals that develop new methods & tools for the benefit of plant biology research using Arabidopsis as the test model are also encouraged. Proposals especially encouraged in metabolic biology and adaptation to the environment.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5337 for updates.

Contact: Diane Jofuku Okamuro, Program Director
Directorate for Biological Sciences, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-8470
E-mail: bio-2010@nsf.gov

Program: Research Initiation Grants (RIG)
Agency: National Science Foundation

CFDA Number:47.074

Next Deadline: Jan 11, 2010 (target date)

Supports 2-year awards of \$175,000 total costs, plus up to \$25,000 for equipment, to encourage underrepresented groups to apply for and receive BIO funding to initiate research programs early in their careers. Goals are to expand the population of role models who will interact with an increasingly diverse student population, increase the number of scientists at minority-serving institutions engaged in research, & attract & retain members of underrepresented groups in biology careers.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=10676 for details.

Contact: Carter Kimsey, Program Director
Directorate for Biological Sciences, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-8470
E-mail: rig-caabp@nsf.gov



Program: Plant Genome Research Program
Agency: National Science Foundation

CFDA Number: 47.074

Next Deadline: Jan 26, 2010 (target date)

Supports 4 activities: Genome-Enabled Plant Research tackles major unanswered questions in plant biology on a genome-wide scale; Transferring Research from Model Systems applies basic biological findings made using model systems to studying basic biology of plants of economic importance; Tools & Resources for Plant Genome Research; & Comparative Plant Genome Sequencing to enable research in economically important crop plants & plant processes of potential economic value.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5338 for details.

Contact: Diane Jofuku Okamuro, Program Director
Directorate for Biological Sciences, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-4400
E-mail: dbipgr@nsf.gov

Program: Ecosystem Science
Agency: National Science Foundation

CFDA Number: N/A

Next Deadline: Jan 09, 2010 (target date)

Includes 2 programs: 1) Ecosystem Studies Program supports investigations of whole-system ecological processes & relationships across a diversity of spatial & temporal (including paleo) scales; 2) Long-Term Ecological Research (LTER) Program supports fundamental ecological research that requires long time periods & large spatial scales at a coordinated network of more than two dozen field sites. LTER is not currently soliciting proposals for new sites & does not accept unsolicited proposals.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12822 for details.

Contact: Todd Crawl, Program Director
Division of Environmental Biology, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-7870
E-mail: tcrawl@nsf.gov

Program: Long Term Research in Environmental Biology (LTREB)
Agency: National Science Foundation

CFDA Number: 47.074

Next Deadline: Jan 09, 2010 (target date)

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 6 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 5-year proposal & a subsequent, abbreviated renewal.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13544 for details.

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

Program: Population and Community Ecology
Agency: National Science Foundation

CFDA Number: N/A

Next Deadline: Jan 09, 2010 (target date)



Supports research that advances the conceptual or theoretical understanding of population ecology, species interaction, & community dynamics in terrestrial, wetland, & freshwater habitats. Encourages projects that integrate theoretical, modeling, & empirical approaches, or that promote synthesis across spatial and temporal scales.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503414 for details.

Contact: Richard Inouye, Program Director
 Division of Environmental Biology, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-4974
 E-mail: rinouye@nsf.gov

Program: Systematic Biology and Biodiversity Inventories
Agency: National Science Foundation

CFDA Number: N/A

Next Deadline: Jan 09, 2010 (target date)

Supports research in taxonomy & systematics that contributes to 1) using phylogenetic methods to understand the evolution of life in time & space, 2) discovery, description, & cataloguing global species diversity, & 3) organizing that information in efficiently retrievable forms that best meet the needs of science & society. Program accepts proposals for Opportunities for Promoting Understanding through Synthesis (OPUS) and other opportunities.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12825 for details.

Contact: Maureen Kearney, Program Director
 Division of Environmental Biology, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-7187
 E-mail: mkearney@nsf.gov

Program: Behavioral Systems
Agency: National Science Foundation

CFDA Number: N/A

Next Deadline: Jan 12, 2010 (target date)

Supports research on development, function, mechanisms, & evolutionary history of behavior, with emphasis on a vertically integrated understanding of the behavioral phenotype in nature. Specifically encourages projects that seek to understand how combinations of neural, hormonal, physiological, & developmental mechanisms act synergistically as a system from which behavior emerges. Lab work or the study of animals in captivity is encouraged when necessary.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501086 for details.

Contact: Dan Wiegmann, Program Director
 Division of Integrative Organismal Systems, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292/8423
 E-mail: dwiegmanna@nsf.gov

Program: Developmental Systems
Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 12, 2010 (target date)

Supports research aimed at understanding how interacting developmental processes give rise to the emergent properties of organisms. A systems level approach using molecular, genetic, biochemical, & physiological techniques, as well as techniques from outside biology, is needed. 3 program areas: Plant, Fungal, & Microbial Developmental Systems; Animal Developmental Systems; & Evolution of Developmental Systems.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501087 for details.

Contact: Steven Klein, Program Director
 Division of Integrative Organismal Systems, 4201 Wilson Boulevard, Arlington, VA 22230



703/292-8417

E-mail: sklein@nsf.gov

Program: Physiological and Structural Systems

Agency: National Science Foundation

CFDA Number:

Next Deadline: Jan 12, 2010 (target date)

Supports research aimed at furthering the understanding of organisms as integrated units of biological organization. Projects that use systems approaches to understand why particular patterns of architecture & regulatory control have emerged as general organismal properties are particularly encouraged. 3 program areas: Symbiosis, Defense, & Self-recognition; Processes, Structures, & Integrity; & Organism-Environment Interactions.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501090 for details.

Contact: Michael Mishkind, Program Director
Division of Integrative Organismal Systems, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-8413
E-mail: mmishkin@nsf.gov

Program: Biomolecular Systems

Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 12, 2010 (target date)

Supports fundamental research in the areas of molecular biophysics, molecular biochemistry, & metabolic biochemistry. Emphasizes the relationships among structure, function, & dynamics in studies of individual macromolecules, macromolecular complexes, & metabolic pathways. Research of interest includes novel & creative projects addressing protein folding and dynamics, natively unfolded proteins, protein design, molecular recognition, & metabolic pathways. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12771 for details.

Contact: Kamal Shukla, Program Director
Molecular and Cellular Biosciences, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-8444
E-mail: kshukla@nsf.gov

Program: Cellular Systems

Agency: National Science Foundation

CFDA Number:

Next Deadline: Jan 12, 2010 (target date)

Supports research on the structure, function, & regulation of plant, animal, & microbial cells & their interactions with the environment & one another. Supports study of the structure, function, & assembly of cellular elements & of intracellular & transmembrane signal transduction mechanisms & cell-cell signaling processes, including those that occur in biofilms. Research on cellular recognition & self defense mechanisms included. Multi-disciplinary approaches encouraged.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12772 for details.

Contact: Gregory Warr, Program Director
Molecular and Cellular Biosciences, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-8284
E-mail: gwarr@nsf.gov

Program: Genes and Genomes Systems

Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 12, 2010 (target date)



Supports studies on genomes & genetic mechanisms in all organisms. Research can focus on the structure, maintenance, expression, transfer, & stability of genetic info in DNA, RNA, & proteins & on how those processes are regulated. Areas of interest include genome organization, molecular & cellular evolution, replication, recombination, repair, vertical & lateral transmission of heritable information, & the processes that mediate & regulate gene expression.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12780 for details.

Contact: Patrick Dennis, Program Director
 Molecular and Cellular Biosciences, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-7145
 E-mail: pdennis@nsf.gov

Program: Foundations of Data and Visual Analytics (FODAVA)
Agency: National Science Foundation

CFDA Number:

Next Deadline: Jan 20, 2010

Co-sponsored with the Department of Homeland Security. Supports research to enable data stakeholders to detect the expected & discover the unexpected in massive data sets. Research should emphasize novel data transformations while also demonstrating research relevance to visual analytics systems by including a research component in areas such as visualization, human-computer interaction, & cognitive psychology.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501081 for details.

Contact: Sankar Basu, Program Director
 Computing and Communication Foundations, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-7843
 E-mail: sabasu@nsf.gov

Program: Discovery Research K-12 (DR-K12)
Agency: National Science Foundation

CFDA Number:

Next Deadline: Jan 07, 2010

Enables significant advances in preK-12 student and teacher learning of the STEM disciplines through the development, implementation, & study of resources, models, & technologies for use by students, teachers, & policymakers. Funded activities begin with a research question about effective preK-12 STEM learning and teaching; develop, adapt, or study innovative resources, models, or technologies; and demonstrate if, how, for whom, and why their implementation affects learning. Deadline refers to full proposals. Optional preliminary proposals were due 10/5/09.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=500047 for details.

Contact: DR-K12 Team
 Division of Research on Learning, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-8620
 E-mail: DRLDRK12@nsf.gov

Program: Information Technology Experiences for Students and Teachers (ITEST)
Agency: National Science Foundation

CFDA Number: 47.076

Next Deadline: Jan 19, 2010

Seeks solutions to help ensure the breadth & depth of the STEM workforce. Supports Research, Strategies, Scale-up projects, conferences, & workshops. Projects may include students or teachers, kindergarten through high school, & any area of the STEM workforce. Projects that explore cyberlearning are of special interest. Deadline refers to required letters of intent. Full proposals due 2/12/10.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5467 for details.



Contact: Sylvia James, Program Director
 Research on Learning Division, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-5333
 E-mail: sjames@nsf.gov

Program: Course, Curriculum, & Laboratory Improvement (CCLI)
Agency: National Science Foundation

CFDA Number: 47.076

Next Deadline: Jan 13, 2010

Supports efforts to create, adapt, & disseminate new learning materials & teaching strategies, develop faculty expertise, implement educational innovations, assess learning & evaluate innovations, & conduct research on science, technology, engineering, & math (STEM) teaching & learning. Phase 1 proposals due 5/21/09 for states beginning with A-M and 5/22/09 for states beginning with N-W. Phase 2 and 3 proposals due 1/13/10.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5741 for details.

Contact: Russell Pimmel, Program Director
 (contacts vary by discipline)
 Division of Undergraduate Education, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-4618
 E-mail: rpimmel@nsf.gov

Program: Industry/University Cooperative Research Centers Program (I/UCRC)
Agency: National Science Foundation

CFDA Number:

Next Deadline: Jan 01, 2010

Develops long-term research partnerships among industry, academe, & government. Centers are catalyzed by a small investment from NSF & are primarily supported by industry center members, with NSF taking a supporting role in their development & evolution. Letters of intent required by 1/1/10 & 6/26/10 for planning grants. Full proposals due 3/5/10 & 9/25/10 for planning grants & full centers. Limited submission: 1 single-university application per institution; no limit on number of multi-university applications.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5501 for details.

Contact: Glenn Larsen, Program Manager
 Industrial Innovation and Partnerships, 4201 Wilson Boulevard, Arlington, VA
 703/292-4607
 E-mail: glarsen@nsf.gov

Program: Petrology and Geochemistry
Agency: National Science Foundation

CFDA Number: 47.050

Next Deadline: Jan 06, 2010

Supports basic research on the formation & evolution of Earth using petrological & geochemical characteristics of Earth materials in the crust, mantle, & core. Proposals generally address the petrology & high-temperature geochemistry of igneous & metamorphic rocks, mineral physics, economic geology, & volcanology. Proposals that bridge disciplinary boundaries or include development of analytical tools for potential use by the broad community encouraged. Proposal windows 6/6-7/6 and 12/6-1/6 annually.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13683 for details.

Contact: Sonia Esperanca, Program Director
 Division of Earth Sciences, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-8554
 E-mail: sesperan@nsf.gov



Program: Mathematical Biology
Agency: National Science Foundation

CFDA Number:47.049

Next Deadline: Jan 13, 2010

Supports research in areas of applied & computational mathematics with relevance to the biological sciences. Projects should be mathematically innovative & address challenging problems of interest to members of the biological community. May include development of mathematical concepts & tools traditionally seen in other disciplinary programs within the Division of Mathematical Sciences, e.g., topology, probability, statistics, & computation. Proposal window 12/18-1/13 annually.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5690 for details.

Contact: Mary Ann Horn, Program Director
Division of Mathematical Sciences, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-4879
E-mail: mhorn@nsf.gov

Program: Cognitive Neuroscience
Agency: National Science Foundation

CFDA Number: 47.075

Next Deadline: Jan 24, 2010 (target date)

Supports highly innovative, interdisciplinary projects aimed at advancing rigorous understanding of how the human brain supports thought, perception, affect, action, social processes, & other aspects of cognition & behavior, including how such processes develop & change in the brain & through evolutionary time. Emphasis is on integration of cognitive sciences, basic sciences, & engineering for insights into healthy functions of brain, cognition, & behavior.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5316 for details.

Contact: Lynn Bernstein, Program Director
Behavioral & Cognitive Sciences Division, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-8643
E-mail: lbernste@nsf.gov

Program: Cultural Anthropology
Agency: National Science Foundation

CFDA Number: 47.075

Next Deadline: Jan 15, 2010

Supports basic scientific research about the causes, consequences, & complexities of human social & cultural variability. Annual target dates for Senior Research by PhD investigators, Doctoral Dissertation Research Improvement, High-Risk Research in Anthropology, & training & workshops are 1/15 and 8/15. Annual target dates for Cultural Anthropology Scholar awards for research-related, post-PhD training are 1/16 and 8/16. Research Experience for Undergraduates (REU) & Graduates (REG) proposals due 3/1.

See http://www.nsf.gov/sbe/bcs/anthro/cult_overview.jsp for details.

Contact: Deborah Winslow, Program Director
Behavioral and Cognitive Sciences Division, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-7315
E-mail: dwinslow@nsf.gov

Program: Developmental and Learning Sciences
Agency: National Science Foundation

CFDA Number: 47.075

Next Deadline: Jan 15, 2010 (target date)



Supports fundamental research that increases understanding of cognitive, linguistic, social, cultural, & biological processes related to children's and adolescents' development & learning. Research will add to knowledge of how people learn & the developmental processes that support learning, leading children & adolescents to grow up to take productive roles as workers & citizens. Currently accepting individual investigator & workshop/small conference proposals.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671 for details.

Contact: Amy Sussman, Program Director
 Behavioral & Cognitive Sciences (BCS), 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-7307
 E-mail: asussman@nsf.gov

Program: Geography and Spatial Sciences (GSS)
Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 15, 2010 (target date)

Supports research on geographic distributions & interactions of human, physical, & biotic systems on Earth's surface. Investigations on nature, causes, & consequences of human activity & natural environmental processes across a range of scales are encouraged. Projects must enhance geographical knowledge, concepts, theories, methods, & their application to societal problems & concerns. Research proposal target dates are 1/15 & 8/15. Dissertation Improvement proposals due 2/15 & 10/15 annually.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5410 for details.

Contact: Thomas Baerwald, Program Director
 Behavioral & Cognitive Sciences Division, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-7301
 E-mail: tbaerwal@nsf.gov

Program: Linguistics
Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 15, 2010 (target date)

Supports scientific research on human language including syntactic, semantic, phonetic, & phonological properties of individual languages & of language in general; psychological processes involved in use of language; social & cultural factors in language use, variation, & change; development of linguistic capacities in children; acoustics of speech & physiological & psychological processes involved in production & perception of speech; & the biological bases of language in the brain.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5408 for details.

Contact: Joan Maling, Program Director
 Behavioral & Cognitive Sciences Division, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-8046
 E-mail: jmaling@nsf.gov

Program: Social Psychology
Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 15, 2010 (target date)

Supports basic research on human social behavior, including cultural differences & development over the life span. Among the many research topics supported are attitude formation & change, social cognition, personality processes, interpersonal relations/group processes, the self, emotion, social comparison & social influence, the social psychology of health, & the psychophysiological correlates of social behavior.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5712 for details.



Contact: Amber Story, Program Director
 Behavioral & Cognitive Sciences, 4201 Wilson Boulevard, Suite 995, Arlington, VA 22230
 703/292-7249
 E-mail: astory@nsf.gov

Program: Decision, Risk, and Management Sciences (DRMS)
Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 18, 2010 (target date)

Supports scientific research to increase understanding/effectiveness of decision making by individuals, groups, organizations, & society. Disciplinary/interdisciplinary research, doctoral dissertation research & workshops funded in the areas of judgment & decision making; decision analysis/aids; risk analysis, perception, & communication; societal & public policy decision making; mgmt science & organizational design. Also supports small grants for exploratory research of a time-critical nature.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5423 for details.

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

Program: Economics
Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 18, 2010 (target date)

Supports research designed to improve the understanding of the processes & institutions of the US economy and of the world system of which it is a part. Also strengthens empirical & theoretical economic analysis & the methods for rigorous research on economic behavior. Supported areas include econometrics, economic history, environmental economics, finance, industrial organization, international economics, labor economics, macroeconomics, mathematical economics, & public finance.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5437 for details.

Contact: Nancy Lutz, Program Director/Cluster Coordinator
 Social & Economic Sciences Division, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-7280
 E-mail: nlutz@nsf.gov

Program: Law and Social Sciences
Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 15, 2010 (target date)

Supports social scientific studies of law & law-like systems of rules, institutions, processes, & behaviors, including research designed to enhance the scientific understanding of the impact of law; human behavior & interactions as these relate to law; the dynamics of legal decision making; & the nature, sources, & consequences of variations & changes in legal institutions.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5422 for details.

Contact: Wendy Martinek, Program Director
 Social & Economic Sciences Division, 4201 Wilson Boulevard, Arlington, VA 22230
 703/292-4780
 E-mail: wemartin@nsf.gov



Program: Methodology, Measurement, and Statistics (MMS)
Agency: National Science Foundation

CFDA Number: 47.075

Next Deadline: Jan 16, 2010 (target date)

Supports development of innovative methods & models for the social & behavioral sciences & interacts with other programs in SBE, as well as other programs in NSF, most notably the Statistics & Probability Program in MPS. MMS seeks proposals that are interdisciplinary, methodologically innovative, & grounded in theory. Interests: general research & infrastructure activities; mid-career research fellowships; research on survey & statistical methodology; & doctoral dissertation research.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5421 for details.

Contact: Cheryl Eavey, Program Director
Social & Economic Sciences Division, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-7269
E-mail: ceavey@nsf.gov.

Program: Political Science
Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 15, 2010 (target date)

Supports scientific research that advances knowledge & understanding of citizenship, government, & politics. Proposals expected to be theoretically motivated, conceptually precise, methodologically rigorous, & empirically oriented. Substantive areas include American government & politics, comparative government & politics, international relations, political behavior, political economy, & political institutions. Target dates refer to research proposals. Doctoral Dissertation Support proposals deadline is 1/15.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5418 for details.

Contact: Brian Humes, Program Director
Social & Economic Sciences Division, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-7284
E-mail: bhumes@nsf.gov

Program: Sociology
Agency: National Science Foundation

CFDA Number: 47.051

Next Deadline: Jan 15, 2010 (target date)

Supports research on human social organization & processes of individual & institutional change. Supports theoretically-focused empirical investigations to improve explanation of fundamental social processes. Includes research on organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification & mobility, family, social networks, socialization, gender roles. Annual target dates 1/15 & 8/15 for Regular Research and 2/15 & 10/15 for Dissertation Research.

See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5369 for details.

Contact: Patricia White, Program Director
Social & Economic Sciences Division, 4201 Wilson Boulevard, Arlington, VA 22230
703/292-8762
E-mail: pwhite@nsf.gov

Program: Tropical Research Institute Fellowships
Agency: Smithsonian Institution

CFDA Number: N/A



Next Deadline: Jan 15, 2010

Supports tropical biology, ecology, behavior and evolution of terrestrial and marine organisms, archeology, paleontology, and human ecology research in Panama. Tupper 3-Year Postdoc Fellowships (1/15 annually) support the testing of innovative hypotheses. Short-Term Fellowships (2/15, 5/15, 8/15, and 11/15 annually) support three months of research and travel costs.

See http://www.stri.org/english/education_fellowships/fellowships/stri_programs.php for details.

Contact: Adriana Bilgray, Education Director
Smithsonian Tropical Research Institute, Office of Academic Programs, Unit 0948, APO, AA 34002-0948
507/212-8031
E-mail: fellows@si.edu

Program: Graduate Sciences Program (GSP)
Agency: U.S. Department of Commerce

CFDA Number:

Next Deadline: Jan 22, 2010

Goal is to increase opportunities for students in NOAA-related fields to pursue research educational training in atmospheric, environmental, remote sensing oceanic sciences at minority serving institutions (MSI). Objective is to provide college graduates with educational training in math, science, economics, law, social science, & engineering entry-level employment and hands-on research and work experience at NOAA.

See http://www.epp.noaa.gov/ssp_grad_sciences_page.html for details.

Contact: Priti Brahma, Program Officer (ext. 118)
1315 East-West Highway, Room 10703, Silver Spring, MD 20910
301/713-9437
E-mail: priti.brahma@noaa.gov

Program: Sea Grant Programs
Agency: U.S. Department of Commerce

CFDA Number: 11.417

Next Deadline: Jan 15, 2010

Sea Grant is a nationwide network of 32 university-based programs that work with coastal communities. Currently offers: Sea Grant/Regional Team Climate Engagement (9/1); Joint Graduate Fellowship Program in Population Dynamics and Marine Resource Economics (1/15); and John A. Knauss Marine Policy Fellowship (2/10) Other programs available with varying deadlines.

See <http://www.seagrants.noaa.gov/funding/rfp.html> for details.

Contact: Contacts Vary
NOAA/Nat. Marine Fisheries Service, 1315 East West Highway, Silver Spring, MD 20910

Program: NOAA Climate and Global Change Postdoctoral Fellowship
Agency: U.S. Department of Commerce

CFDA Number: 11.431

Next Deadline: Jan 15, 2010

Program pairs recently graduated postdocs with host scientists at U.S. institutions to observe, understand, model, & predict the climate system on seasonal-to-centennial time scales & assessing the regionally specific socioeconomic consequences of climate variability. Applications are solicited from qualified postdoctoral candidates. Preference is given to those who have held a Ph.D. for no more than five years.

See <http://www.vsp.ucar.edu/> for details.

Contact: Chester J. Koblinsky, Director
PO Box 3000, FL-4 / Suite 2200, Boulder, CO 80307-3000



303/497-8649

E-mail: vspapply@ucar.edu

Program: Coastal Management Fellowship Program

Agency: U.S. Department of Commerce

CFDA Number:

Next Deadline: Jan 29, 2010

Any student completing a master's, doctoral, or professional degree program in natural resource management or environmental-related studies at a U.S. university is eligible. Students from a broad range of environmental programs are encouraged to apply. Program matches students with state coastal zone programs to work on projects proposed by the state & selected by the fellowship sponsor.

See <http://www.csc.noaa.gov/cms/fellows.html> for more details.

Contact: Margaret VanderWilt, Fellowship Coordinator

NOAA Coastal Services Center, 2234 South Hobson Avenue, Charleston, SC 29405-2413

843/740-1273

E-mail: csc.fellowships@noaa.gov

Program: National Defense Science and Engineering Graduate Fellowship

Agency: U.S. Department of Defense

CFDA Number: N/A

Next Deadline: Jan 04, 2010

Awards 36-month portable fellowships to new graduate students to support full-time study and research, leading to doctoral degrees in math, engineering, science, and other disciplines of DOD interest. Fellows can attend any U.S. school and do not incur military or other service obligation.

See <http://www.asee.org/resources/fellowships/ndseg/index.cfm> for more information.

Contact: Peter Frisbie, Program Manager, ASEE Projects Office

1818 N Street NW, Suite 600, Washington, DC 20036

202/331-3516

E-mail: ndseg@asee.org

Program: Computational Biology and Bioinformatic Methods

Agency: U.S. Department of Energy

CFDA Number: 81.049

Next Deadline: Nov 05, 2009

Program seeks applications for potential funding of computational biology and bioinformatic methods and analytics to enable the planned Systems Biology Knowledgebase. Approximately \$5 million is available to support 15 awards. Pre-applications are required 11/5 and applications are due 1/29/10.

See <http://www.sc.doe.gov/grants/grants.html> for details.

Contact: Susan Gregurick, Program Officer

Office of Science – Chicago, 9800 South Cass Avenue, Argonne, IL 60439

301/903-7672

E-mail susan.gregurick@science.doe.gov

Program: Office of Science Graduate Fellowship Program

Agency: U.S. Department of Energy

CFDA Number:

Next Deadline: Nov 30, 2009



Supports students pursuing graduate training in basic research in areas of physics, biology, chemistry, mathematics, engineering, computational sciences, and environmental sciences and to encourage the development of the next generation scientific and technical talent in the U.S. FY 10 awards funded in part by the ARRA. Award includes \$35,000 yearly stipend, \$10, 500 per year for tuition and fees and a \$5,000 supplement for research materials and travel expenses.

See <http://www.scied.science.doe.gov/SCGF.html> for details.

Contact: Program Office
 1000 Independence Avenue, SW, Washington, DC 20585
 202/586-9742
 E-mail: SCGFApplicationHelp@science.doe.gov

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

CFDA Number:81.049

Next Deadline: Nov 20, 2009

DOE supports high-quality research or R&D in 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. Partnership opportunities are available. Deadline refers to Phase I applications-- up to \$100,000 each.

See <http://sbir.er.doe.gov/sbir/> for details.

Contact: Carl Hebron, Program Manager
 SBIR/STTR Program, ER-32, 19901 Germantown Road, Germantown, MD 20874-1290
 301/903-1414
 E-mail: sbir_sttr@science.doe.gov

Program: Small Business Technology Transfer (STTR) Program
Agency: U.S. Department of Energy

CFDA Number: 81.049

Next Deadline: Nov 20, 2009

STTR grants must involve substantial cooperative research collaboration between the Small business & a single research institution to perform the R&D required to meet the DOE objectives stated in the Phase I program solicitation. Supports small businesses (67% of work) with strong collaboration from university researchers. Deadline refers to Phase I applications-- up to \$100,000 each

See <http://sbir.er.doe.gov/sbir/> for details.

Contact: Carl Hebron, Program Manager
 SBIR/STTR Program, ER-32, 19901 Germantown Road, Germantown, MD 20874-1290
 301/903-1414
 E-mail: sbir_sttr@science.doe.gov

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

CFDA Number: N/A

Next Deadline: Dec 31, 2009

Supports undergraduate and graduate 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.

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

Contact: Rickey Petty, Program Manager



Office of Bio and Environmental Research
19901 Germantown Road, Germantown, MD 20874-1290
301/903-5548

E-mail: rick.petty@science.doe.gov

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

CFDA Number: 15.423

Next Deadline: Dec 02, 2009

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

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

Contact: James Cimato, Studies Coordinator
Minerals Management Service, 381 Elden Street, Herndon, VA 20270
703/787-1721

E-mail: James.Cimato@mms.gov

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

CFDA Number: N/A

Next Deadline: Nov 16, 2009

Supports transportation research by small businesses in areas such as aircraft safety, aviation security, human factors, IT, air traffic control, (highway research) pavements, planning, structures, & various areas under the Federal Railroad Administration, the Maritime Administration & National Traffic Highway Safety Administration. Phase I: project development; Phase II: implementation; Phase III: non-federally supported production & marketing. Deadlines refer to Phase I proposals.

See <http://www.volpe.dot.gov/sbir>

Contact: Leisa Moniz, Program Officer
Research/Innovative Technology Admin, 55 Broadway, Cambridge, MA 02142-1093
617/494-2051

E-mail: leisa.moniz@dot.gov

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

CFDA Number: 66.509

Next Deadline: Jan 07, 2010

Supports environmental research by academic & non-profits, state & local governments. Programs include: Clean Air Research Centers (11/16/09); Science in Energy and Environmental Design (SEED) (pre-app 11/13/09); Exploring Linkages Between Health Outcomes and Environmental Hazards, Exposures, and Interventions for Public Health Tracking and Risk Management (8/5/09); Advancing Public Health Protection through Water Infrastructure Sustainability (8/17/09); SBIR Phase I (5/20/09); and Approaches to Assessing Potential Food Allergy from Genetically Engineered Plants (1/7/10).

See <http://es.epa.gov/ncer/rfa/> for details.

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



Program: Brownfields Training, Research, and Technical Assistance Grants
Agency: U.S. Environmental Protection Agency

CFDA Number: 66.814

Next Deadline: Dec 01, 2009

Provides individuals with skills needed to acquire full-time, sustainable careers in the green economy and brownfields redevelopment work.. Subject areas include protection of human health and the environment, sustainable development, and equitable development. In FY 10, there will be \$2.6 million for awards.

See <http://www.epa.gov/brownfields/applicat.htm#jfy2010> for details.

Contact: Becky Brooks, Program Officer
Office of Brownfields & Land Revitalization, 1200 Pennsylvania Avenue, Washington, DC 20460
202/66-2762
E-mail brooks.becky@epa.gov

Program Number: 93917

Program: Ceramics
Sponsor: Directorate for Mathematics and Physical Sciences/NSF

CFDA#: 47.049

Deadline(s): 10/31/2009

SYNOPSIS: The sponsor provides funding to support basic research and education in ceramics (e.g., oxides, carbides, nitrides and borides) as well as diamond and inorganic carbon-based materials.

Program URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5352&WT.mc_id=USNSF_39

Contact: Lynnette D. Madsen, Program Director
Division of Materials Research, 4201 Wilson Boulevard, Room 1065N, Arlington, VA 22230, U.S.A.
703-292-4936
E-mail: lmadsen@nsf.gov

OBJECTIVES:

The objective of the program is to increase fundamental understanding and develop predictive capabilities for relating synthesis, processing, and microstructure of these materials to their properties and ultimate performance in various environments and applications. Development of new experimental techniques or novel approaches to carry out projects is encouraged. Topics supported include basic processes and mechanisms associated with nucleation and growth of thin films; bulk crystal growth; phase transformations and equilibria; morphology; surface modification; corrosion, interfaces and grain boundary structure; and defects. The microstructures investigated range from crystalline, polycrystalline, and amorphous to composite and nanostructured materials.

Program Number: 63185

Program: National Defense Science and Engineering Graduate Fellowships
Sponsor: American Society for Engineering Education

Deadline(s): 01/04/2010

SYNOPSIS: The sponsor will offer fellowships to individuals who have demonstrated ability and special aptitude for advanced training in science and engineering.

Program URL: https://ndseg.asee.org/application_instructions
Web Site: <https://ndseg.asee.org/>

Contact: NDSEG Fellowship Program
1818 N Street, N.W. #600, Washington, DC 20036, U.S.A.
202-331-3516
E-mail: ndseg@asee.org

Award Type(s): Fellowship, Training/Professional Development



OBJECTIVES: Fellowships are awarded to applicants who will pursue a doctoral degree in, or closely related to, an area of sponsor interest within one of the following disciplines: Aeronautical and Astronautical Engineering; Biosciences; Chemical Engineering; Chemistry; Civil Engineering; Cognitive, Neural, and Behavioral Sciences; Computer and Computational Sciences; Electrical Engineering; Geosciences; Materials Science and Engineering; Mathematics; Mechanical Engineering; Naval Architecture and Ocean Engineering; Oceanography; and Physics.