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Significant Changes in NSF’s New GPG

Previously, the NSF Grant Proposal Guide (GPG) was a stand-alone document. Now, as of June 1, 2007, the GPG has been incorporated as Part I of the new “NSF Proposal & Award Policies & Procedures Guide” (PAPPG).

Here are a few of the changes to the GPG (NSF 07-140) that involve preparing a proposal. To read a full summary of changes to the GPG go to http://www.nsf.gov/pubs/policydocs/papp/gpg_changes.jsp.

Proposal Margin and Spacing Requirements, has entirely new guidance which specifies that four fonts may be used when preparing an NSF proposal. Times New Roman is NO LONGER an acceptable font for NSF proposals. Acceptable fonts are: An Arial, Helvetica, Palatino (for Macintosh), Palatino Linotype (for Windows), Computer Modern (TeX only), or Georgia typeface, a black font color, and a font size of 10 points or larger must be used.

Salaries and Wages, has been clarified to show that individuals included on Lines A and B of the budget should be employees of the proposing organization. Compensation for consultants or subawardees, including salaries and wages, should not be included in that section of the budget.

Fringe Benefits, has been supplemented with further information on calculation of fringe benefits for different classes of employees.

Participant Support Costs, has been revised to show that for some educational projects conducted at local school districts, the participants are being trained as employees. If that is the case, the costs should be classified as participant support if a stipend or training allowance method is used.

It’s important that every potential PI become familiar with these changes. See the web link listed above for a detailed description.
American Seed Research Foundation
Research Grants

Address: 225 Reinekers Lane, Suite 650
Alexandria, VA  22314-2875
Phone: (703)837-8140
Web Site: http://www.amseed.com/asrf/index.html
DEADLINE: None

The primary objective of ASRF is to encourage research that explores the basic principles underlying why seeds behave as they do. Since seed is basic to all agricultural production, even small increments of improvement will provide substantial returns producing more food and fiber for a needy world. Guaranteed support of research projects for three years has been standard. This enables the graduate students, who do the research under the direction of the scientists, to complete advanced degree requirements. It likewise permits the scientist to arrive at some definitive results on the project. From 1961-1991, the research projects were approved for three years at roughly $5,000 per year. Recognizing the accelerated cost of doing research, the board of directors increased this to $10,000 per year for three years commencing with those projects initiated in 1991. To maximize the use of ASRF grants, cooperating institutions agree to furnish buildings, land, greenhouse space, supervision, etc., in support of the projects, insofar as facilities of the university will permit; and also agree that no indirect cost or overhead is deducted from these grants, and that all funding is used to defray direct costs of the research projects.

Canadian Embassy
Canadian Studies Grant Program
Research Grant Program

Academic Relations Office
Canadian Studies Grant Program
501 Pennsylvania Avenue, NW
Washington, DC  20001
Phone: (202)682-1740  Fax: (202)682-7791
E-mail: AcademicRelations@CanadianEmbassy.org
DEADLINES ANNOUNCED: 09/30/2007

The Canadian Studies Grant Program aims to enhance and sustain the study of Canada and Canada-U.S. relations; to encourage research, exchanges, teaching, and dialogue; facilitate student mobility; and foster collaboration between researchers in the U.S. and Canada. The Research Grant Program promotes research that contributes to a better knowledge and understanding of Canada, its relationship with the United States, and its international affairs. The grant is designed to assist individual scholars, or a team of scholars, in writing an article-length manuscript of publishable quality and reporting their findings in a scholarly publication and at scholarly conferences, thus contributing to the development of expertise on Canada in the United States.
SUPPORT PROVIDED: Grants are provided to help defray direct costs related to a project, including travel primarily within Canada and the U.S. as necessary, and research materials. Allowable budget items include: first-time membership fee for the Association for Canadian Studies in the United States or a Canadian academic association for the principal investigator and/or research assistant; funding to attend a conference to present research related to the proposed project; and research support. No provision is made for release time stipends, salaries, or overhead costs to the institution. Applicants may request funding up to US$15,000; applicants whose project focuses on the priority topics listed above and who can demonstrate matching funds from other sources may request funding up to US$20,000.

Carnegie Institution of Washington
Department of Plant Biology
Visiting Investigators

Address: Christopher Somerville, Director
260 Panama Street
Stanford, CA  94305-4101
Phone: (650)325-1521  Fax: (650)325-6857
E-mail: crs@andrew.stanford.edu
Web Site: http://www.carnegieinstitution.org/Academic_Catalog_Revision/plant_biology.html

The Carnegie Institution of Washington, a private, nonprofit organization engaged in basic research and advanced education in biology, astronomy, and the earth sciences. In the Department of Plant Biology, appointments as visiting investigators or senior fellows are made to independent scientists who hold permanent positions elsewhere. They collaborate with the Department’s faculty and frequently also with postdoctoral fellows on subjects of mutual interest. Appointments are made for various lengths of time. Visiting investigators are encouraged to select and modify their subjects of study in accordance with individual interest, although remaining within the general areas of investigation for which equipment and faculty competence are available at the department. Faculty research areas include: physiology of plant adaptation; plant response to environmental stress; photomorphogenesis; issues of scale in physiological ecology; molecular biology of algae and cyanobacteria; membrane biogenesis; and mechanisms of disease resistance.

APPLICANT INFORMATION: Independent scientists in the field of plant biology who hold permanent positions elsewhere are eligible.

Entomological Foundation
Educational Mini-Grants

10001 Derekwood Lane
Suite 100  
Lanham, MD  20706-4876  
Phone: (301)731-4535  Fax: (301)731-4538  
E-mail: awards@entsoc.org  
Web Site: http://www.entsoc.org/awards/whats_available.htm#esa_grants  
DEADLINES ANNOUNCED: 09/01/2007

The Entomological Society of America (ESA) is a not-for-profit educational society serving the professional and scientific needs of entomologists and people in related disciplines. Grants are made for small curriculum development efforts or professional development workshops emphasizing practical and innovative uses of Arthropods in K-12 formal and non-formal educational settings.

SUPPORT PROVIDED: Grants will be awarded at $2,000.
APPLICANT INFORMATION: The applicant must be a graduate student.
APPLICATION INFORMATION: Applications are to be submitted on-line and transmitted electronically in MS Word to April Gower, Entomological Foundation, April@entfdn.org by close of business September 1. Funded recipients will be expected to implement the workshop/program the year funding is received. Funds will be dispersed in January. Proposal guidelines are found on the website above.

The Botanical Society of America Grant Opportunities Newsletter is published on-line as a service to BSA members. Each issue contains opportunities for the next four succeeding months. Six bi-monthly editions are published annually for: January/February; March/April; May/June; July/August; September/October; November/December.

FIRST (Floriculture Industry Research and Scholarship Trust)  
Research Grants

Address: William T. Willbrandt, JD, Executive Director  
P.O. Box 280  
East Lansing, MI  48826-0280  
Phone: (517)333-4617  Fax: (517)333-4494  
E-mail: research@firstinfloriculture.org  
Web Site: http://www.firstinfloriculture.org/  
DEADLINE: September 1, 2007

FIRST invites horticulturists and researchers in related sciences to submit research proposals for funding by FIRST (a merger of the Bedding Plants Foundation, Inc. and the Ohio Floriculture Foundation). For over 20 years, FIRST has funded research projects throughout the United States and Canada. A survey of growers indicated the following research opportunities in FIRST’s mission to improve the production and marketability of plants: increasing shelf
life/garden performance; economical means for recycling greenhouse waste; water quality/alkalinity control; evaluation/development of biocontrol methods and management techniques; improving production techniques; plug production techniques; perennial production techniques; production techniques to conserve water and protect ground water; control of pest problems such as thrips, aphids, whitefly, and fungus gnats; and control of disease problems such as TSWV, botrytis, mildew, and pythium. FIRST welcomes any proposal pertinent to floriculture industry.

Humboldt (Alexander Von) Foundation
Fellowships and Research Awards

Address: Anna Gundlind Keiber
Jean-Paul-St. 12
D-53173 Bonn
GERMANY
Phone: (+49) 0228-833-0  Fax: (+49) 0228-833-199
E-mail: humboldt-fellow.select@avh.de or avh@bellatlantic.net
DEADLINE: None

Postdoctoral Fellowships for U.S. Scientists and Scholars - The Alexander von Humboldt Foundation (AvH) enables young, highly qualified U.S.-American scientists and scholars holding a doctorate to carry out a research project of their own choice in Germany. Applications may be submitted for long-term research stays of 24 months. Scholars and scientists of all academic disciplines may apply for Two-year Postdoctoral Fellowships for U.S. Scientists and Scholars. There are no quotas for academic disciplines. The research fellowship program is open primarily to young scientists and scholars. Decisions are based exclusively on academic achievements. The main criteria are the quality and feasibility of the research project proposed by the candidate and his or her internationally published work. Research projects and German hosts are selected by applicants themselves. Details of research projects and schedules must be agreed between applicants and proposed hosts prior to the submission of applications.

Friedrich Wilhelm Bessel Research Awards - The Alexander von Humboldt Foundation grants approximately 20 Friedrich Wilhelm Bessel Research Awards annually to young, top-flight scientists and scholars from abroad who are already recognized as outstanding researchers in their fields. The research award has been endowed by the Federal Ministry of Education and Research in recognition of their research achievements to date.

Humboldt Research Awards for Foreign Scholars Resident Outside Germany - The Alexander von Humboldt Foundation grants up to 100 Humboldt Research Awards annually to scientists and scholars from abroad with internationally recognized academic qualifications. The research award honors the academic achievements of the award winner's lifetime. Furthermore, award winners are invited to carry out research projects of their own choice in Germany in cooperation with colleagues for periods of between six months and one year. Usually, only full professors and scholars of equivalent status engaged in non-university work, from any discipline and from
any country, may be nominated for the Humboldt Research Award. The Alexander von Humboldt Foundation particularly encourages nominations of qualified female scientists and scholars. The academic qualifications of the nominee must be recognized internationally and must be documented by proven success in research, such as positive responses to academic publications and previous awards.

Joyce Foundation

Environment

70 West Madison Street
Suite 2750
Chicago, IL  60602
Phone: (312)782-2464  Fax: (312)782-4160
E-mail: info@joycefdn.org
Web Site: http://www.joycefdn.org/

The Joyce Foundation makes grants to nonprofit organizations, not individuals (except under certain restricted conditions; see IRIS record 16516). The Foundation focuses its grantmaking on initiatives that promise to have an impact on the Great Lakes region, specifically the states of Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, and Wisconsin. A limited number of environment grants are made to organizations in Canada. Protecting the natural environment of the Great Lakes region has been a long-time commitment of the Joyce Foundation. The Foundation supports the development, testing, and implementation of policy-based, prevention-oriented, scientifically sound solutions to the environmental challenges facing the region, especially those that center around water. Program priorities are: (1) energy from clean coal; (2) healthy rivers, healthy lakes; and (3) Great Lakes restoration.

SUPPORT PROVIDED: The Foundation does not generally support capital proposals, endowment campaigns, religious activities, commercial ventures, direct service programs, or scholarships.

Mott (Charles Stewart) Foundation

Environment Program

Office of Proposal Entry
Mott Foundation Building
503 S. Saginaw St., Suite 1200
Flint, MI  48502-1851
Phone: (810)238-5651  Fax: (810)766-1753
E-mail: info@mott.org
DEADLINES ANNOUNCED:  08/31/2007
The Mott Foundation makes grants in the United States and, on a limited geographic basis, internationally. About 25 percent of the grants have an international purpose, although many of the grantees are located in the United States. The Foundation does not make grants to individuals. The mission of the Environment program is to support the efforts of an engaged citizenry working to create accountable and responsive institutions, sound public policies, and appropriate models of development that protect the diversity and integrity of selected ecosystems in North America and around the world.

Our mission recognizes that effective stewardship of the Earth requires both changes in behavior and new ways of thinking. It requires that environmental considerations be factored into personal and institutional decisionmaking. It also requires a willingness on the part of people with diverse interests to try to understand one another's perspectives and seek common ground. Environmental challenges in the U.S. and worldwide are severe. Successfully addressing them will require vision and leadership from individuals in communities, businesses and government. The funding priorities that follow describe how the Foundation hopes to contribute to meeting these challenges. The Environment program is organized into three program areas: Conservation of Freshwater Ecosystems; International Finance for Sustainability; Special Initiatives.

**Natural Sciences and Engineering Research Council-Canada (NSERC)**

*Visiting Fellowships in Canadian Government Laboratories*

*Agriculture and Agri-Food Canada (AAFC): Canadian Grain Commission*

*Grain Research Laboratory*

Address: Dr. Bill Scowcroft
Grain Research Laboratory
1404-303 Main Street
Winnipeg, Manitoba
R3C 3G8
CANADA
Phone: (204) 983-2764
E-mail: scowcroftb@graincanada.gc.ca
Web Site: [http://www.nserc.ca/sf_e.asp?nav=sfnv&lbi=3d](http://www.nserc.ca/sf_e.asp?nav=sfnv&lbi=3d)
DEADLINE: None

The Visiting Fellowships in Canadian Government Laboratories program provides promising young scientists and engineers with the opportunity to work with research groups or leaders in Canadian government laboratories and research institutions. The Grain Research Laboratory is the scientific division of the Canadian Grain Commission.

Areas of research include: identify and characterize properties, quality components, and end-use performance of major Canadian grains: cereal grains (common wheat, durum wheat, and barley); oilseeds (canola, flaxseed, soybeans, sunflower seed, and mustard seed); pulses (field peas, field beans, and lentils). Specific research applications to Canadian grains include: analysis and method development for detection and measurement of trace elements, pesticide residues, and mycotoxins; near-infrared spectroscopy, image analysis, high resolution digital
photography, and light, fluorescence, and scanning electron microscopy for development of rapid instrumental grain analysis methods and grain quality assessment; laboratory- and pilot-scale milling of wheat into flour and semolina; laboratory- and small-scale processing and instrumentation for dough making and bread baking; laboratory-scale pasta processing of semolina for the evaluation of durum wheat quality parameters; laboratory scale noodle processing and specialized instrumentation for the evaluation of end-product quality; pilot- and laboratory-scale systems to evaluate malting type barleys; analysis of activity of cereal enzymes, particularly alpha-amylase; chemistry of oilseeds as studied by high-performance liquid chromatography, gas-liquid chromatography and NIR; biochemical and biotechnological methods for laboratory identification of grain varieties, including electrophoresis, immunoassay and DNA fingerprinting; analysis, measurement, and chemistry of protein, starch, moisture, and other grain constituents; and mycology of grains, with emphasis on mycotoxigenic fungi.

Applicants must have received a doctoral degree in the natural sciences or engineering from a recognized university within the past five years. There are no restrictions on the nationality of applicants, but awards are subject to a citizenship quota: two-thirds of awards must be made to Canadian citizens or permanent residents. Successful candidates who are not Canadians or permanent residents of Canada must satisfy Canadian immigration requirements. See also the NSERC National Science Programs at the same website listed above.

National Science Foundation (NSF)
Directorate for Biological Sciences
Division of Biological Infrastructure

Biological Research Collections (BRC) Program

Richard McCourt, BAC Program Director
Division of Biological Infrastructure
4201 Wilson Boulevard, Room 615 N
Arlington, VA 22230
Phone: (703)292-8470 Fax: (703)292-9063
E-mail: dbibrc@nsf.gov
DEADLINE ANNOUNCED: 07/27/2007

The Biological Research Collections (BRC) Program provides support for biological collection enhancement, computerization of specimen-related data, research to develop better methods for specimen curation and collection management, and activities such as symposia and workshops to discuss management of biological collections and other subjects designed to improve service to the research community. Biological collections supported include those housing natural history specimens and jointly curated collections such as, frozen tissues, other physical samples (e.g., digital images) and DNA samples (e.g., BAC libraries).

The Biological Research Collections Program provides support for collection enhancement, which may include improvements in storage units or the incorporation of specimens from other organizations, collection computerization projects that digitally capture specimen-related data or improve the usefulness of the collection (e.g., by georeferencing data), research on methods to
improve curation of specimens or management of collections, and scientific conferences, symposia, and workshops that investigate the management and broader impacts of collections and associated data.

SUPPORT PROVIDED: Proposals submitted to the BRC Program typically are for projects that range from one to three years. The BRC program expects approximately $6 million annually contingent upon availability of funds. The maximum that may be requested in a proposal is $500,000.

APPLICANT INFORMATION: Proposals are accepted from U.S. organizations, including colleges and universities that maintain research collections, natural history museums including herbaria, and other collections administered by independent organizations or by state, county, or local governments; nonfederal and nonprofit research organizations that maintain collections; and field stations, marine laboratories, botanical gardens, zoological parks, and aquaria that maintain research collections that document biological diversity. The size of an organization is not a factor in determining eligibility.

National Science Foundation (NSF)
Directorate for Biological Sciences
Division of Biological Infrastructure
Faculty Early Career Development (CAREER) Program

Godfrey R. Bourne and Christopher Greer, CAREER Directorate Contacts
Directorate for Biological Sciences
4201 Wilson Boulevard
Arlington, VA  22230
Phone: (703)292-8423 (Bourne) or -8970 (Greer)
E-mail: gbourne@nsf.gov or cgreer@nsf.gov
DEADLINES ANNOUNCED: 07/17/2007

NSF established the Faculty Early Career Development (CAREER) program in recognition of the critical roles played by faculty members in integrating research and education, and in fostering the natural connections between the processes of learning and discovery. The intent of the program is to provide stable support at a sufficient level and duration to enable awardees to develop careers as outstanding teacher-scholars in the context of the mission of their organization. This program is a Foundation-wide activity that offers NSF’s most prestigious awards for new faculty members. Additionally, the Presidential Early Career Award for Scientists and Engineers (PECASE) is the highest honor bestowed by the United States Government on outstanding scientists and engineers beginning their independent careers, who show exceptional potential for leadership at the frontiers of knowledge.

SUPPORT PROVIDED: The minimum CAREER award, including indirect costs, will total $400,000 for the 5-year duration with the following exception. Proposers to the Biological Sciences Directorate (BIO) must submit budget requests for a minimum of $500,000 for the 5-year duration. The PECASE award is an honorary award for all NSF recipients and does not
provide additional funds. NSF estimates making a total of 300-400 CAREER Awards NSF-wide. No salary support for other senior personnel is allowed.

APPLICATION INFORMATION: In addition to the above Directorate CAREER contact(s), Division-level CAREER contacts are listed on the CAREER Web page at http://www.nsf.gov/crssprgm/career/contacts.jsp.

National Science Foundation (NSF)
Directorate for Biological Sciences
Division of Biological Infrastructure
Instrument Development for Biological Research (IDBR) Program

Helen G. Hansma, IDBR Program Director
4201 Wilson Boulevard, Room 615 N
Arlington, VA 22230
Phone: (703)292-8470  Fax: (703)292-9063
E-mail: dbiidd@nsf.gov
DEADLINES ANNOUNCED: 09/12/2007

The Instrument Development for Biological Research (IDBR) Program supports the development of novel instrumentation or instrumentation that has been improved by an order of magnitude or more in some aspects. Supported instruments are anticipated to have a significant impact on the study of biological systems at any level. The IDBR Program also supports the development or major improvement of software for the operation of instruments or the primary analysis of instrument data where these software developments have the effect of improving instrument performance by at least an order of magnitude in some aspects. Proposals are encouraged for proof-of-concept development for entirely novel instrumentation.

SUPPORT PROVIDED: Approximately $3 million will be available for new IDBR awards in FY 2008, pending availability of funds. There are no specific limits on the amount of funds that may be requested; however, the requested period of support should not exceed 48 months. Funding is available beginning the March following submission. NSF estimates that it will make up to 15 awards.

National Science Foundation (NSF)
Directorate for Biological Sciences
Division of Biological Infrastructure
Undergraduate Research and Mentoring in the Biological Sciences (URM)

Sally E. O'Connor, URM Program Director
Division of Biological Infrastructure
The goal of the Undergraduate Research and Mentoring in the Biological Sciences (URM) program is to increase the number and diversity of individuals pursuing graduate studies in all areas of biological research supported by the NSF Directorate for Biological Sciences. Support will be provided to academic institutions to establish innovative programs to engage undergraduates in year-round research and mentoring activity. Particular emphasis will be placed on broadening participation of members of groups historically underrepresented in science and engineering: African Americans, Alaska Natives, American Indians, Hispanic Americans, Native Pacific Islanders, and persons with disabilities.

SUPPORT PROVIDED: Requests may be submitted for funding amounts up to a total of $1 million for up to five years. However, funding beyond the first year is contingent upon satisfactory progress in the program.

The guiding themes of the Microbial Observatories (MO) and Microbial Interactions and Processes (MIP) program are: (1) discovery of large numbers of as yet undescribed microorganisms and microbial consortia from diverse habitats; and (2) characterization of novel biochemical, metabolic, physiological, genomic and other properties and processes of newly described or poorly understood microbes and microbial communities. Both MO and MIP proposals must describe how the work will make a substantial impact on scientific understanding of the diversity of microorganisms and microbial communities and their role in diverse environments. By contrast, explicitly discouraged are those that lack a dimension beyond species discovery and routine phylogenetic characterization, or those addressing the molecular and cellular biology of a microorganism in the absence of a direct environmental context. Development and application of genomics, functional genomics and proteomics
approaches to these studies are encouraged.

SUPPORT PROVIDED: NSF and/or the USDA/CSREES will support relevant MO projects, whereas MIP projects will only be eligible for support by NSF. The NSF expects to fund approximately 10 awards in each category per year. For MO projects, NSF awards are expected to be for five years, while CSREES awards are expected to be for four years (with the possibility of a one-year no-cost extension), and total award size (all years, whether single institution or collaborative) is expected to range between $500,000 and $2,000,000. For MIP projects, awards are expected to be for up to four years, and total award size is expected to range up to $500,000. The NSF and CSREES will determine which agency will support each award.

National Science Foundation (NSF)
Directorate for Education and Human Resources
Division of Graduate Education
Integrative Graduate Education and Research Training Program (IGERT)

Carol Van Hartesveldt and Judith Giordan, Program Directors for IGERT
Division of Graduate Education
4201 Wilson Boulevard, Room 875 N
Arlington, VA 22230
Phone: (703)292-8112 (Van Hartesveldt) or -5038 (Giordan) Fax: (703)292-9048
E-mail: cvanhart@nsf.gov or jgiordan@nsf.gov
DEADLINES ANNOUNCED 10/05/2007

The Integrative Graduate Education and Research Traineeship (IGERT) program meets the challenges of educating U.S. Ph.D. scientists and engineers who will pursue careers in research and education, with the interdisciplinary backgrounds, deep knowledge in chosen disciplines, and technical, professional, and personal skills to become, in their own careers, leaders and creative agents for change. The program is intended to catalyze a cultural change in graduate education, for students, faculty, and institutions, by establishing innovative new models for graduate education and training in a fertile environment for collaborative research that transcends traditional disciplinary boundaries. It is also intended to facilitate diversity (a member of an underrepresented group: American Indian/Alaskan native, Black, Hispanic, Pacific Islander (native of Hawaii, Guam, Samoa), disabled, and/or female) in student participation and preparation and to contribute to a world-class, broadly inclusive, and globally engaged science and engineering workforce.

SUPPORT PROVIDED: NSF plans to make approximately 20 new and renewal IGERT awards from this competition as continuing grants, depending on the quality of the proposals and the availability of funds. The anticipated funding amount in FY 2008 is $12 million. For new projects, the first year award will be up to $400,000 and in amounts up to $600,000 for each of the next four years. For renewals, awards will be made in amounts up to $600,000 per year for five years. Projects requiring substantially lower levels of funding may also be proposed.

APPLICANT INFORMATION: U.S. academic institutions in the United States, its territories or
possessions that grant the Ph.D. degree in the sciences or engineering may submit proposals. Projects may involve more than one institution, but a single institution must accept overall management responsibility. Non-Ph.D. granting institutions, nonacademic, and international organizations may serve as collaborating organizations.

National Science Foundation (NSF)
Directorate for Mathematical and Physical Sciences
Division of Physics
Biological Physics

C.D. Caldwell, Program Director
4201 Wilson Boulevard, Room 1015 N
Arlington, VA  22230
Phone: (703)292-7371  Fax: (703)292-9078
E-mail: dcaldwel@nsf.gov
DEADLINES ANNOUNCED:          07/31/2007

The Biological Physics program supports projects in which the analytical and experimental tools of physics are applied to the study of problems originating in the living world. Both experimental and theoretical projects will be considered, although the main focus of the program is in the experimental area. Of particular interest are projects in which new experimental approaches are brought to bear on a well-identified problem. These approaches should at the same time have the potential for broad applicability to a set of similar problems, thereby adding to the set of tools the scientist has for addressing biological problems in general. While the problems under study must be important to advancing understanding of the living world in a meaningful way, particular emphasis will be placed on those projects in which the lessons learned from the application serve to foster new concepts and ideas that expand the intellectual basis of physics. The program funds individual investigators, although collaborative proposals between physicists and biologists are welcome.

National Science Foundation (NSF)
Office of Polar Programs
Directorate for Biological Sciences
Directorate for Education & Human Resources
Directorate for Social Behavioral & Economic Sciences
Office of International Science and Engineering
International Polar Year (IPY), 2007

4201 Wilson Boulevard
Arlington, VA  22230
DEADLINES ANNOUNCED: 09/14/2007

The "International Polar Year 2007-2008" (IPA) will extend from March 2007 through March 2009. IPA is envisioned as an intense scientific campaign to explore new frontiers in polar science, improve our understanding of the critical role of the polar regions in global processes, and educate the public about the polar regions. Projects are expected to be interdisciplinary in scope; involve a pulse of activity during the IPA period; leave a legacy of infrastructure and data; expand international cooperation; engage the public in polar discovery; and help attract the next generation of scientists and engineers.

To accomplish these goals, this special solicitation for IPA proposals will support specific research and education activities within the following emphasis areas: (1) Understanding Environmental Change in Polar Regions: This area will support research that advances the understanding of the physical, geological, chemical, human, and biological drivers of environmental change at the poles, their relationship to the climate system, their impact on ecosystems, and their linkages to global processes. (2) Human and Biotic Systems in Polar Regions: This area will provide opportunities for scientists to address fundamental questions about social, behavioral, and/or natural systems that will increase our understanding of how humans and other organisms function in the extreme environments of the polar regions; environmental genomics of polar organisms. (3) Education and Outreach: This area will support standalone education proposals that specifically invigorate science, technology, engineering, and mathematics (STEM) education in the context of the IPA, including: formal science education projects at the K-12, undergraduate, or graduate level; informal science education projects for the broader public; and coordination and communication for IPA education projects. These emphasis areas are intended to advance the frontiers of knowledge and build on the momentum achieved by NSF IPA investments and activities that are currently underway in response to an NSF IPA solicitation published in early 2006.

SUPPORT PROVIDED: Depending on suitability of proposals and availability of funds, each participating directorate will provide support for research and education activities under the IPA Solicitation in FY 2007 and FY 2008 (combined) as follows: BIO: $4 million; EHR: $4 million; OISE: $700,000; OPP: $29 million; and SBE: $4 million. Anticipated funding for the specific emphasis areas of the IPA Solicitation for FY 2007 and FY 2008 combined, are approximately: Understanding Environmental Change in Polar Regions: $20,230,000; Human and Biotic Systems in the Polar Regions: $12,230,000; Education and Outreach: $9,230,000.

National Science Foundation (NSF)
Office of the Director
Office of International Science and Engineering (INT)
International Research Fellowship Program (IRFP)

Susan L. Parris, Program Manager
4201 Wilson Boulevard, Room 935 N
Arlington, VA 22230
Phone: (703)292-7225 Fax: (703)292-9067
E-mail: sparris@nsf.gov
DEADLINES ANNOUNCED: 09/11/2007

The objective of the International Research Fellowship Program (IRFP) is to introduce scientists and engineers in the early stages of their careers to international collaborative research opportunities, thereby furthering their research capacity and global perspective and forging long-term relationships with scientists, technologists and engineers abroad. Fellowship support is intended to both advance the research and develop a cadre of scientists and engineers who will play a leadership role in forging international collaborations of great value to the nation. IRFP awards are available in any field of science and engineering research or education supported by NSF. Applicants are encouraged to consider any site that will provide a unique and beneficial research experience. Applicants should check the IRFP Funding Opportunity page on the OISE web site for possible country-specific opportunities. Awardees are expected to work full time on their research projects.

SUPPORT PROVIDED: Approximately 30-35 fellowships will be offered each year to U.S. investigators for research abroad. Awards in recent years have ranged in size from $57,000 to $200,000, depending on location of host site, cost of research project, duration, and number of dependents. Total program support will be approximately $3.5 million in each fiscal year, contingent upon the quality of applications and availability of funds. Fellowships will provide support for periods of from nine to 24 months. Awardees are encouraged to begin the fellowship within 12 months of notification of an award.

National Fish and Wildlife Foundation
Various Grants

Address: Dr. Jonathan R. Mawdsley
National Fish and Wildlife Foundation
1120 Connecticut Ave., NW, Suite 900
Washington, DC 20036
Web Site: http://www.nfwf.org/AM/Template.cfm?Section=Grants
Deadline: various deadlines, see website

Keystone Initiative Grants

Under our new strategic plan the Foundation seeks to achieve measurable outcomes on a select set of conservation issues through our Keystone Initiatives. Within each of the initial Keystone Initiatives (i.e., Birds, Freshwater Fish, Wildlife & Habitat, Marine & Coastal), the Foundation has established specific funding priorities. Federal, state, and local governments, educational institutions, and nonprofit organizations are welcome to apply for matching grants twice annually, in accordance with the Keystone Initiative Grant guidelines.

The Foundation awards matching grants under the Keystone Initiatives to achieve measurable outcomes in the conservation of fish, wildlife, plants and the habitats on which they depend. Awards are made on a competitive basis to eligible grant recipients, including federal, tribal, state, and local governments, educational institutions, and non-profit conservation organizations. Project proposals are received on a year-round, revolving basis with two decision
cycles per year. Grants generally range from $50,000-$300,000 and typically require a minimum 2:1 non-federal match.

Special Grant Programs

In addition to the Keystone Initiative Grants, the Foundation administers Special Grant Programs that have specific guidelines and timelines. Prospective applicants should review the list of Special Grant Programs to determine which may be appropriate for your needs. If your project is not appropriate under the grant program for which it was submitted, Foundation staff may move it to another grant program for funding consideration; applicants will be notified if this occurs. Deadlines for applying to Special Grant Programs are listed for the most recent grant cycle and are updated when a new call for proposals is released. Browse the Special Grant Programs.

Organic Farming Research Foundation (OFRF)
Research and Education Grants

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Web Site: http://ofrf.org/index.html

Education and Outreach Grants Program

OFRF will fund the development of educational opportunities and materials that are: 1. Scientifically based; 2. Pertinent to organic agricultural production or marketing; and 3. Aimed at organic producers and/or those considering making the transition to organic certification. OFRF will also accept proposals to fund activities that promote information sharing among organic agricultural researchers and organic farmers and ranchers. OFRF will consider proposals to:

Develop Media
- Develop or update instructional media for organic production systems;
- Develop educational media on specific organic production or marketing challenges;
- Develop and publish educational production or marketing media for farmers interested in transitioning to organic production systems;
- Conduct surveys on organic production or marketing-related topics (gather and analyze existing information contrasted to generating new information)

Conduct Interactive Outreach
- Conduct participatory training in some aspect of organic production;
- Organize farmer-to-farmer mentoring, support groups, or programs;
- Support cooperative extension workshops or meetings on organic topics;
- Support a conference that specifically emphasizes organic-related issues;
- Provide training in organic agriculture for professional information providers (e.g. extension
personnel, crop advisors);
   Develop training sessions and tools for organic inspectors.

Research Grants
The Organic Farming Research Foundation (OFRF) funds research on organic farming and food systems and the dissemination of these research results to the greater agricultural community. Proposals must involve farmers or ranchers in project design and implementation and take place on working organic farms or ranches whenever possible. Additionally, proposals should articulate how the proposed research project will foster the improvement or adoption of organic farming systems. OFRF will only fund projects in North America (which includes Canada, the United States, and Mexico). Project proposals are reviewed and awarded by the OFRF Board of Directors, the majority of whom are certified organic producers.

Funding levels OFRF requests proposals which have objectives that are realistically achievable with a modest level of funding. The average grant awarded in OFRF's last full year of grantmaking was $12,860. OFRF will not fund a project for more than $15,000 per year. Matching funds from other sources and/or in-kind contributions from cooperators are encouraged but not required.

Rockefeller Foundation
Global Inclusion

Address: 420 Fifth Avenue  
New York, NY  10018-2702  
Phone: (212)869-8461   Fax: (212)852-8461  
E-mail: mailto:global@rockfound.org  
Web Site: http://www.rockfound.org/  
DEADLINE: None

The Rockefeller Foundation works to enrich and sustain the lives and livelihoods of poor and excluded people throughout the world. The Global Inclusion Program goal is to help broaden the benefits and reduce the negative impacts of globalization on vulnerable communities, families and individuals around the world. Global Inclusion's grantmaking currently works toward the following objectives: to foster inclusive, global dialogues about the uptake of plant biotechnology; to support the emergence of fairer, development-oriented intellectual-property policies; to examine the impact of science and technology on poor people; to better understand the changing dynamics of North American transnational communities, particularly financial remittances; to support knowledge building and new practices aimed at increasing pro-poor philanthropic investments globally; and to inform global approaches to conflict prevention and management.
Welder (Rob and Bessie) Wildlife Foundation  
Fellowships in Wildlife Ecology and Related Areas 

Director, Welder Wildlife Foundation  
P.O. Box 1400  
Sinton, TX  78387  
Phone: (361)364-2643  Fax: (361)364-2650  
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DEADLINES:  10/01/2007

The Rob and Bessie Welder Wildlife Foundation's graduate research fellowship program was initiated in 1956. The program is designed to promote the education of exceptionally qualified students and provide research information to manage wildlife populations. The scientific breadth of the program is suggested by the academic units of previous fellowship recipients, among them: animal behavior, biology, botany, conservation education, ecology, genetics, mammalogy, ornithology, parasitology, range science, veterinary pathology, and wildlife sciences.

Fellowships are awarded directly to properly accredited U.S. colleges or universities for bona fide graduate students who are approved candidates for M.S. or Ph.D. degrees after project proposals have been submitted to and approved by the Foundation. For more information please download our Fellowship Policies and Procedures Form. Academic institutions are responsible for the competitive selection and supervision of fellowship recipients, subject to Foundation approval. Students working on or near the Refuge are provided dormitory apartment living quarters, utilities, office space, computer access, and such field and laboratory facilities as are available.

Scholarships for full-time students amount to $1,300 per month for M.S. candidates and $1,400 per month for Ph.D. candidates, such amounts to cover living costs, tuition, fees, and books. Students working on or near the foundation are provided dormitory-apartment living quarters, utilities, and field and laboratory facilities.