

FUNDING ALERT

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FUNDING NEWS

NASA Announces a Change in the Proposal Submission Process

Potential proposers should be aware of a major change in the NASA proposal submission process from 2004. NASA has implemented a new master proposal data base system. All proposers, co-investigators, and proposing organizations must register with the system at <http://nspires.nasaprs.com/>. A significant change from the previous system is the requirement that the electronically submitted Cover Page / Proposal Summary / Budget Summary must be submitted by an authorized official of the proposing organization. Potential proposers are urged to access the system well in advance of the proposal due date(s) of interest to familiarize themselves with its structure and enter the requested information.

INQUIRIES: Dr. Paul Hertz, 202/358-0986, paul.hertz@nasa.gov. WEB: <http://nspires.nasaprs.com/external/index.do>.

Fisheries Investment for Sustainable Harvest (FISH) Activity -- Change in Due Date

The US Agency for International Development announces a change in due date for the *Fisheries Investment for Sustainable Harvest Activity* program. The original due date of Jan. 14 is changed to **Feb. 25**.

WEB: <http://www.fedgrants.gov/Applicants/AID/OM/UGA/RFA%26%23032%3B617-05-001/listing.html>. *NIH Guide, January 28, 2005*.

Public Policy Analysis and Education Center for Early Childhood Health -- Change in Due Date

The Department of Health and Human Services announces a change in due date for the *Public Policy Analysis and Education Center for Early Childhood Health* program. The original due date of Dec. 28, 2004 is changed to **Mar. 3, 2005**.

WEB: <http://www.fedgrants.gov/Applicants/HHS/HRSA/GAC/HRSA-05-115/listing.html>. *FedGrants, February 1, 2005*.

Democracy Fellows Program -- Change in Due Date

The US Agency for International Development announces a change in due date for the *Democracy Fellows Program*. The original due date of Feb. 28 is changed to **Mar. 9**.

WEB: <http://www.fedgrants.gov/Applicants/AID/OP/WAS/M%26%23047%3B0AA%26%23047%3BDCHA%26%23047%3BDOFDA-05-385/listing.html>. *FedGrants, January 27, 2005*.

Fogarty International Research Collaboration Award -- Notice of Extension

The Fogarty International Center (FIC) announces the extension of PA-02-057, the Fogarty International Research Collaboration Award (FIRCA) program (<http://grants.nih.gov/grants/guide/pa-files/PA-02-057.html>) and the associated Notice (NOT-TW-04-002) (<http://grants.nih.gov/grants/guide/notice-files/NOT-TW-04-002.html>) through the Mar. 25, 2005 receipt deadline. The Mar. 25, 2005 deadline will be the last for which applications will be accepted under PA-02-057.

Two separate, companion FIRCA Program Announcements (PARs) will be issued for the future FIRCA deadlines. The new companion FIRCA PARs will be the Fogarty "International Research Collaboration – Behavioral and Social Sciences" (FIRCA-BSS, deadline Jul. 25 each

year beginning with the Jul. 25, 2005 receipt date), and the Fogarty “International Research Collaboration – Basic Biomedical” (FIRCA-BB, deadline Mar. 25 and Nov. 25 each year beginning with Nov. 25, 2005 receipt date). Please watch the NIH Guide and also the FIRCA website (<http://www.fic.nih.gov/programs/firca.html>) for updates.

WEB: <http://grants.nih.gov/grants/guide/notice-files/NOT-TW-05-001.html>. *NIH Guide, January 24, 2005.*

Social and Behavioral Interventions to Increase Organ and Tissue Donation -- Change in Due Date

The **Department of Health and Human Services** announces a change in due date for the *Social and Behavioral Interventions to Increase Organ and Tissue Donation* program. The original due date of Mar. 1 is changed to **Mar. 29**.

WEB: <http://www.fedgrants.gov/Applicants/HHS/HRSA/GAC/HRSA-05-007/Modification1.html>. *FedGrants, January 27, 2005.*

FUNDING OPPORTUNITIES

Listed below are funding opportunities in the following categories: Arts & Humanities, Community Development, Curriculum Development, Environmental & Life Sciences, Graduate Funding, Health Sciences, International Opportunities, Multidisciplinary, Physical Sciences & Engineering, Postdoctoral Funding, and Social Sciences. Please call ORS or the telephone numbers listed with each announcement for more information.

ARTS & HUMANITIES

National Research Competition: Research Contracts

The **National Council for Eurasian and East European Research** (NCEEER) invites applications for *National Research Competition: Research Contracts*. The Council was created to develop and sustain long-term, high-quality programs of postdoctoral research in the social, political, economic, environmental, and historical development of Russia, Eurasia, and Eastern Europe. NCEEER has established an unequalled record of support for research in these areas, research that directly benefits US policymakers, the academic and nonprofit communities, and American business. It also has helped bring to the attention of Congress and the executive branch the national interest served by the exchange of ideas among professionals in academia and government. Research Contracts support collaborative projects involving multiple postdoctoral scholars, including at least one US-based scholar. NCEEER's programs provide insight and a clearer understanding of current trends in this region for US government representatives, while promoting academic growth and opportunity. With these ends in mind, NCEEER encourages projects that involve participation by graduate students; facilitate interaction between the public and private sectors; develop data banks and research aids that can be of use to other scholars; and advance the exchange of ideas in academic, governmental, and public fora. Deadline: **Feb. 15**.

WEB: http://www.nceeer.org/Programs/national_research_competition.htm. *COS, January 24, 2005.*

National Preservation Awards

Each year the **National Trust** celebrates the best of preservation by presenting *National Preservation Awards* to individuals and organizations whose contributions demonstrate excellence in historic preservation. For 2005, the award categories are as follows:

- *The Trustees' Award for Organizational Excellence* recognizes a nonprofit organization

that has demonstrated sustained and superlative achievement in historic preservation.
Deadline: **Mar. 1.**

- *The John H. Chafee Trustees' Award for Outstanding Achievement in Public Policy* honors an individual or organization that has made an outstanding contribution to historic preservation in the field of public policy. Deadline: **Mar. 1.**
- *The Trustee Emeritus Award for Excellence in the Stewardship of Historic Sites* recognizes sustained excellence in the preservation, management, and interpretation of one or more historic sites. Deadline: **Mar. 1.**
- *The National Trust/HUD Secretary's Award for Excellence in Historic Preservation* recognizes organizations and agencies for their success in advancing the goals of historic preservation while providing affordable housing and/or expanded economic opportunities, particularly for low- and moderate-income families and individuals. Deadline: **Mar. 1.**
- *The National Trust/Advisory Council on Historic Preservation Award for Federal Partnerships in Historic Preservation* celebrates a project or program in which a federal agency and one or more non-federal partners have achieved an exemplary preservation outcome. Deadline: **Mar. 1.**
- *The National Preservation Honor Awards* recognize the efforts of individuals, nonprofit organizations, public agencies, and corporations whose skill and determination have given new meaning to their communities through preservation. These efforts include citizen attempts to save and maintain important landmarks; companies and craftsmen whose work restores the richness of the past; the vision of public officials who support preservation projects and legislation in their communities; and educators and journalists who help Americans understand the value of preservation. Deadline: **May 1.**

WEB: http://nationaltrust.org/preservation_awards/index.html?cat=4.

Summer Seminars and Institutes

The **National Endowment for the Humanities** invites applications for *Summer Seminars and Institutes*. These grants support national faculty development programs in the humanities for school teachers, and for college and university teachers. Seminars and institutes may be as short as two weeks or as long as six weeks. The duration of a program should allow for full and thorough treatment of the topic. Summer seminars and institutes:

- extend and deepen knowledge and understanding of the humanities by focusing on significant topics, texts, and issues;
- enhance the intellectual vitality and professional development of participants;
- build a community of inquiry and provide models of excellent scholarship and teaching; and
- promote effective links between teaching and research in the humanities;

Seminars and institutes may be hosted by colleges, universities, school systems, learned societies, centers for advanced study, libraries or other repositories, and cultural or professional organizations. The host site must be appropriate for the project, providing facilities for scholarship and collegial interaction. Deadline: **Mar. 1.**

INQUIRIES: 202/606-8446, info@neh.gov. WEB: <http://neh.gov/grants/guidelines/seminars.html>.

Morton Gould Young Composers Award

The **American Society of Composers, Authors, and Publishers Foundation** presents the *Morton Gould Young Composer Awards* to encourage developing music creators during the earliest stages of their careers. Deadline: **Mar. 1.**

WEB: <http://www.ascapfoundation.org/awards.html>. *COS, January 25, 2005.*

Louise Wallace Hackney Fellowship for the Study of Chinese Art

The **American Oriental Society** awards the annual *Louise Wallace Hackney Fellowship for the Study of Chinese Art*. It is conceived to permit the study of Chinese art, with special relation to painting and its reflection of Chinese culture, and to permit the translation into English of works upon the said subject for the purpose of furthering a better understanding of Chinese painting in the US. Deadline: **Mar. 1**.

WEB: <http://www.umich.edu/~aos/hackney.htm>. *COS, January 25, 2005*.

Constant H. Jacquet Research Awards

The **Hartford Seminary Center for Social and Religious Research** invites applications for the *Constant H. Jacquet Research Awards*. The Religious Research Association gives awards for applied and basic research on religion each year on a competitive basis, with priority being given to applied projects. In this competition, applied research is that which has an identifiable organizational or institutional client who will use the research results for specific goal-centered activities. Deadline: **Apr. 1**.

WEB: <http://rra.hartsem.edu/constant.htm>. *COS, January 27, 2005*.

National Dance Project: Production Grants

The **National Dance Project** (NDP), funded by the Doris Duke Charitable Foundation, welcomes applications for the *Production Grants* program. Every season, NDP awards fifteen to twenty Production Grants for the creation of new dance work that will tour nationally. Funds support a project's development through the time of its premiere, covering costs related to production of the work. Grants, which are highly competitive, are awarded to dance projects based on nominations from presenters, artists, artist managers, and agents. Grant amounts generally range from \$15,000 to \$35,000. All projects nominated for NDP Production Grants should make possible the creation of regionally or nationally significant work that will eventually tour; offer the potential to engage and diversify audiences; explore collaborations within and across disciplines; and involve creative and dynamic partnership with one or more presenter partners in the development of the work. Deadline: **Apr. 1**.

WEB: http://www.nefa.org/grantprog/ndp/ndp_prod_grant_app.html. *Foundation Center's RFB Bulletin, January 28, 2005*.

Also see these listings:

- **Balzan Prizes**

COMMUNITY DEVELOPMENT

KaBOOM! Playground Opportunities

KaBOOM! has announced ongoing opportunities to build new, *safe playgrounds across North America*. KaBOOM! is conducting outreach to locate potential community partners in cities and towns all across North America for playgrounds to be built in 2005. Ideal community partners are usually child-serving, nonprofit organizations, but could be community development organizations, neighborhood coalitions, charter schools, or any organization that can mobilize a volunteer force and is in need of a playground. Ideal community partner candidates should serve children from low-income or disadvantaged backgrounds; own and provide land for the playground; agree to own, insure, and maintain the playground for the lifetime of the playground; be able to raise and contribute up to \$10,000 cash toward the cost of equipment; and have the ability to recruit volunteers to participate in planning committees and to help build the

playground. Deadline: **open**.

WEB: <http://www.kaboom.org/nooz.aspx?id=452>. *Foundation Center's RFP Bulletin*, January 28, 2005.

Improving Literacy through School Libraries Program

The **Department of Education** invites applications for the *Improving Literacy through School Libraries Program*. The purpose of this program is to improve student reading skills and academic achievement by providing students with increased access to up-to-date school library materials; well-equipped, technologically advanced school library media centers; and well-trained, professionally certified school library media specialists. Deadline: **Mar. 14**.

WEB:

<http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-1652.htm>. *Federal Register*, January 28, 2005.

Community Food Projects

The **Cooperative State Research, Education, and Extension Service** announces the availability of grant funds and requests applications for the *Community Food Projects Competitive Grants Program* for fiscal year 2005. The purpose of the program is to support the development of Community Food Projects, with a one-time infusion of federal dollars, to make such projects self-sustaining. Also support are projects that provide training and technical assistance on a nationwide or regional basis to entities interested in developing new Community Food Projects and to support current grantees. The primary objectives of the program are to increase the food self-reliance of communities; promote comprehensive responses to local food, farm and nutrition issues; develop innovative linkages between the public, for-profit, and nonprofit food sectors; and encourage long-term planning activities and comprehensive multi-agency approaches. Community Food Projects are intended to bring together stakeholders from the distinct parts of the food system. Deadline: **Mar. 30**.

WEB: <http://fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-012705-002/listing.html>. *FedGrants*, January 28, 2005.

AmeriCorps

The **Corporation for National and Community Service** invites applications for the following *AmeriCorps* programs:

- *AmeriCorps National*
- *Indian Tribe AmeriCorps*
- *AmeriCorps Education Award Program*

The purpose of the AmeriCorp programs are to help assure that the government contributes to and supports the volunteer and service efforts of individuals, organizations, and communities. Specifically, the mission is to support people and community needs, to foster an ethic of civic responsibility, and to strengthen the ties that bind us together as a nation. Deadline: **Mar. 8**.

WEB: <http://www.americorps.org/resources/2005guidelines/index.html>.

Also see these listings:

- **National Dance Project: Production Grants**
- **National Preservation Awards**
- **Native Plant Conservation Initiative**
- **Nursing Excellence Fellowship**
- **Adolescent Family Life Demonstration Projects**

CURRICULUM DEVELOPMENT

See these listings:

- **Multiscale Mathematics Research and Education**
- **Reproductive and Child Health Grants**
- **Summer Seminars and Institutes**

ENVIRONMENTAL & LIFE SCIENCES

PADI Grants

The **PADI Foundation** encourages and supports underwater science, environmental projects, and education. The foundation will fund and assist worthwhile projects that will enrich mankind's understanding of the aquatic environment and encourage sensitivity to, and protection of, the delicate ecological balance of underwater life. The foundation will also fund worthwhile projects to increase understanding of sport diving physics and physiology that will benefit the general diving public and add to the scientific understanding of man's relationship and ability to survive in the underwater environment. Deadline: **Feb. 15**.

WEB: <http://www.padifoundation.org/Hyperlinks/Application.htm>. *COS, January 24, 2005*.

Native Plant Conservation Initiative

The **National Fish and Wildlife Foundation**, in partnership with the **Plant Conservation Alliance**, requests proposals for the *2005 Native Plant Conservation Initiative*. The purpose of the program is to promote the conservation of native plants. There is a strong preference for "on-the-ground" projects that involve local communities and citizen volunteers in the restoration of native plant communities. Projects that include a pollinator conservation component are also encouraged. Awards range from \$5,000 to \$40,000, with the average award of \$15,000. Deadlines: **Feb. 15** and **Aug. 15**.

WEB: <http://www.nfwf.org/programs/npci.htm>. *Foundation Center's RFP Bulletin, January 28, 2005*.

2005 Atlantic Sea Scallop Research Set-Aside Program

The **New England Fishery Management Council** has set aside portions of the total allowable catch and Days-at-Sea allowance in the sea scallop fishery to be used for research endeavors under a research set-aside program. Proposals are solicited for research activities concerning the *Atlantic sea scallop fishery*. Priority will be given to funding research proposals in the following areas: ground fish by catch reduction; reduction of fishing impact on habitat; sea turtle interactions; sea scallop abundance estimates; distribution, size composition, and density of scallops; and other research relevant to the sea scallop fishery. Deadline: **Mar. 3**.

WEB: <http://fedgrants.gov/Applicants/DOC/NOAA/GMC/NMFS-NERO-2005-2000006/listing.html>. *FedGrants, February 2, 2005*.

National Integrated Water Quality Program-Conservation Effects Assessment Project

The **Department of Agriculture** requests applications for the *National Integrated Water Quality Program-Conservation Effects Assessment Project (CEAP)* to develop research, education, and extension projects aimed at improving the quality of water resources in agricultural watersheds across the Nation. CEAP responds to a need to conduct research that evaluates the impacts of interactions among conservation practices and their biophysical setting on water quality at the watershed scale; and evaluates social and economic factors influencing

implementation and maintenance of practices. Deadline: **Mar 29**.

WEB: <http://fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-012705-003/listing.html>. *FedGrants*, January 28, 2005.

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories

The **National Science Foundation, Office of Budget, Finance and Award Management, Headquarters** invites proposals for *Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories*. Biological Field Stations and Marine Laboratories (FSMLs) are off-campus facilities for research and education conducted in the natural habitats of terrestrial, freshwater, and marine ecosystems. FSMLs support biological research and education by preserving access to study areas and organisms, by providing facilities and equipment in close proximity to those study areas, and by fostering an atmosphere of mutual scientific interest and collaboration in research and education. To fulfill these roles, FSMLs must offer modern laboratories and educational spaces, up-to-date equipment, appropriate personal accommodations for visiting scientists and students, and modern communications and data management systems for a broad array of users. In recognition of the importance of FSMLs in modern biology, NSF invites proposals that address these general goals of FSML improvement. Deadline: **Apr. 26**.

WEB: <http://fedgrants.gov/Applicants/NSF/OIRM/HQ/05-550/listing.html>. *FedGrant*, February 2, 2005.

Also see these listings:

- **Biology of the Perimenopause: Impact on Health and Aging in Non-Reproductive Somatic and Neuronal Tissues**
- **Primary Immune Deficiency Diseases**
- **Research Opportunities in Space and Earth Sciences**

GRADUATE FUNDING

- **Society for Technical Communication** -- *Scholarships in Technical Communication*. Deadline: **Feb. 15**. WEB: <http://www.ors.duke.edu/find/student/grad/gradmulti.html#sitc>
- **Cooper Ornithological Society** -- *Joseph Grinnell Student Research Awards*. Deadline: **Feb. 14**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#jgsra>
- **American Geophysical Union** -- *Horton Research Grant*. Deadline: **Mar. 1**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#hrg>
- **Women's Studies Program** (at Duke University) -- *Ernestine Friedl Research Award, Suzanne E. and Margaret A. Franks Gender and Science Research Award, Anne McDougall Memorial Award, and Race and Gender Award*. Deadlines: **various** (see listings). WEB: <http://www.ors.duke.edu/find/student/grad/gradduke.html#womens>

Also see these listings:

- **John J. and Nancy Lee Roberts Fellowship Program**
- **Small Grants Program**

HEALTH SCIENCES

Primary Immune Deficiency Diseases

The US Immunodeficiency Network is requesting concept research proposals on *Primary*

Immune Deficiency Diseases. Research objectives are to study the clinical, molecular, and cellular characteristics of genetically determined immunodeficiency diseases; identify the molecular bases of newly defined primary immune deficiency diseases (PIDD); discover improved diagnostic tools for PIDD; advance novel therapeutic approaches for PIDD; and encourage utilization of the PIDD registries and repository. Deadline: **Continuous** (The review committee will consider full applications on the following dates: Mar. 1, July 1, and Nov. 1).

WEB: <http://www.rdinfo.org.uk/queries/listgrantdetails.asp?GrantID=7489>. *COS*, January 27, 2005.

Directed Stem Cell Differentiation for Cell-Based Therapies for Heart, Lung, and Blood, and Aging Diseases (R21)

The **National Institutes of Health** invites applications for *Directed Stem Cell Differentiation for Cell-Based Therapies for Heart, Lung, And Blood, and Aging Diseases (R21)*. This funding opportunity will define the factors and mechanisms controlling the differentiation of embryonic or adult stem or progenitor cells, either in vitro or in vivo. It is designed to stimulate new scientific advances in stem cell differentiation including technology research that may not be hypothesis driven. The long-range goal of this program is the development of methods to direct the differentiation or development of stem cells along specific cell lineages to yield replacement cells for clinical use, whether the replacement cells are formed in vitro for delivery or formed in vivo in the tissue or organ environment. Deadlines: **Feb. 1, Jun. 1, Oct. 1**.

WEB: <http://grants1.nih.gov/grants/guide/pa-files/PA-05-043.html>. *NIH Guide*, January 26, 2005.

Mechanisms of Adverse Drug Effects in Children

The **National Institutes of Health** invites applications for *Mechanisms of Adverse Drug Effects in Children*. The major focus of the program is to solicit projects that enhance the state-of-the-science on the molecular and cellular mechanisms involved in the production of adverse drug reactions in children. The objective of this announcement includes research on the role of ontogeny and the characterization of pharmacogenetic and developmental variations of drug metabolizing enzymes, transporters, ion channels, and receptors that are responsible for drug toxicity in the pediatric population. Research on the role of ontogeny in the production of, and immune responses to, reactive metabolites and research on the efficiency of detoxification mechanisms are particularly emphasized. The development of adequate animal models to spur discovery of the mechanisms of hypersensitivity reactions in children and the identification of toxicity biomarkers are an important part of this initiative. Another important objective will be to determine whether, within the developmental continuum between birth and adolescence, there are periods of increased vulnerability to drug toxicity. Deadlines: **Feb. 1, Jun. 1, Oct. 1**.

WEB: <http://grants2.nih.gov/grants/guide/pa-files/PA-05-045.html>. *NIH Guide*, January 27, 2005.

Harry Weaver Neuroscience Scholarships (Junior Faculty Award)

The **National Multiple Sclerosis Society** invites applications for *Harry Weaver Neuroscience Scholarships*. A limited number of awards will be offered to highly qualified candidates who have concluded their research training and begun academic careers as independent investigators in an area of the neurosciences related to multiple sclerosis. The awards are designed to provide salary and grant support for a five-year period, thus permitting the awardee to establish competence in his or her chosen research area. Deadline: **Feb. 11**.

WEB: <http://www.nationalmssociety.org/%5CResearch-jrfaculty.asp>. *COS*, January 24, 2005.

Independent Investigator Award

The **National Alliance for Research on Schizophrenia and Depression's Independent**

Investigator Award provides support for investigators during the critical period between the initiation of research and the receipt of sustained funding. Basic or clinical investigators are supported, but research must be relevant to schizophrenia, major affective disorders, or other serious mental illnesses. The program is intended to facilitate innovative research opportunities. Deadline: **Mar. 4**.

WEB: <http://www.narsad.org/research/apply/independent/>. *COS*, January 27, 2005.

Adolescent Family Life Demonstration Projects

The **Department of Health and Human Services** invites proposals for *demonstration projects* to provide services to pregnant and non-pregnant adolescents, adolescent parents, and their families. These grants are for public or private nonprofit organizations or agencies to find effective means of strengthening families by providing an array of services that help prevent repeat pregnancy and provide adolescent mothers, fathers and/or male partners, and their babies with services that enhance their well-being. The primary purpose of care programs is to establish innovative, comprehensive, and integrated approaches to the delivery of care services for pregnant adolescents and adolescent parents under 19 years of age at program entry, with primary emphasis on unmarried adolescents who are 17 years old or younger. Deadline: **Apr. 4**.

WEB: <http://fedgrants.gov/Applicants/HHS/OS/OPHS/PA-AFLCG-05-001/listing.html>. *FedGrants*, February 2, 2005.

Biology of the Perimenopause: Impact on Health and Aging in Non-Reproductive Somatic and Neuronal Tissues

The **National Institute on Aging , Office of Research on Women's Health** invites applications for the *Biology of the Perimenopause: Impact on Health and Aging in Non-Reproductive Somatic and Neuronal Tissues* program. The purpose is to solicit applications for research studies to better understand underlying biologic mechanisms associated with the increased risk for, or decreased protection leading to, health problems and conditions associated with the menopausal process in middle-aged women. The focus is on

- how hypothalamic-pituitary-ovarian (H-P-O) axis hormone levels and dynamic changes in hormone levels across the menopausal transition affect pathophysiologic processes within non-reproductive somatic and neuronal target tissues,
- the role of steroid hormone biosynthesis and/or metabolism within non-reproductive somatic and neuronal tissues on pathophysiologic processes within these tissues across the menopausal transition, and
- the role of aging on these pathophysiologic processes.

General research areas that may be addressed include:

- model systems, including appropriate clinical and animal model systems;
- biologic impact of altered H-P-O axis hormones and hormonal dynamics across the menopausal transition on pathophysiologic processes in non-reproductive somatic or neuronal tissues; and
- biological impact and regulation of steroid hormone synthesis/metabolism in non-reproductive somatic or neuronal tissues during and following the menopause transition.

Deadlines: **Apr. 18** (letter of intent); **May. 16** (applications).

WEB: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-AG-05-008.html>. *NIH Guide*, January 27, 2005.

Ethel Hausman Clinical Research Scholars Award

The **United Cerebral Palsy Research Foundation** invites applications for the *Ethel Hausman Clinical Research Scholars Award*. The objective of the Award is to assist institutions in the US to recruit promising clinician-investigators early in their careers and to help in their

establishment as focal points for scholarly activities in areas of direct relevance to cerebral palsy and related developmental brain disorders; these scholarly activities include research, teaching, and associated clinical responsibilities. Deadline: **Mar. 1**.

WEB: http://www.ucp.org/ucp_generaldoc.cfm/1/4/23/23-23/111. *COS, January 28, 2005.*

Nanotechnology Strategies for Cancer Research

The **National Cancer Institute** has established the Nanotechnology Characterization Laboratory (NCL) (<http://ncl.cancer.gov>) at its NCI-Frederick facility to provide critical infrastructure support to NCI's Alliance in Nanotechnology for Cancer Working in concert with the National Institute of Standards and Technology (NIST) and the US Food and Drug Administration (FDA), the intent of the NCL is to accelerate the transition of basic nanobiotechnology research into clinical applications.

The NCL performs pre-clinical efficacy and toxicity testing of nanoparticles and other nanoconstructs and facilitates regulatory review of nanotechnology intended for cancer therapies and diagnostics. As part of its assay cascade, the NCL will characterize nanoparticles' physical attributes, their in vitro biological properties, and their in vivo compatibility using animal models. The time required to characterize nanomaterial from receipt through the in vivo phase is anticipated to be 18 months. NCL data will be provided to the originating investigator for support of an investigator-held IND application and subsequent clinical trials.

The NCL is actively soliciting existing *nanotechnology strategies for characterization*. Desired constructs include, but are not limited to, nano-scaled particles and devices that incorporate image contrast agents, cancer therapeutics, and/or targeting receptors or ligands. Researchers from academia, industry and government are eligible to submit proposals to the NCL. A panel consisting of scientists from NCL, NCI, the pharmaceutical industry, NIST, FDA, and the nanotechnology industry will review and evaluate the proposals. Selected nanoconstructs will be characterized by the NCL at no cost to the submitting investigator. Deadlines: **Mar. 1, Jun. 1, Sep. 1, Dec. 1**.

WEB: <http://grants2.nih.gov/grants/guide/notice-files/NOT-CA-05-011.html>. *NIH Guide, January 28, 2005.*

Investigator Award Research Grant

The **Prevent Blindness America** invites applications for the *Investigator Award Research Grant* program. Grants fund studies of priority interest for investigators who need assistance to defray costs of personnel, equipment and consumable supplies as needed for a specific research investigation. Deadline: **Mar. 1** (Only one application for each type of award will be accepted from a sponsor's laboratory).

WEB: <http://www.preventblindness.org/research/#grants>. *COS, January 26, 2005.*

Administrative Supplements for Research on Medical Countermeasures to Chemical Terrorism

The **National Institutes of Health** announces the availability of one-year *Administrative Supplements for Research on Medical Countermeasures to Chemical Terrorism*. Given the NIH's role as the steward of medical and behavioral research for the Nation and the interest of the Department of Health and Human Services in counter terrorism-related research, the NIH is committed to improving our understanding of, and treatments for, the harmful effects of chemical threat agents. The short-term supplemental funds provided under this initiative are intended to support pilot research related to the parent grant that will lead to the development of independent research proposals. These supplements are one-time awards and will not extend to subsequent budget periods. Principal Investigators with Research Project (R01), Javits Award (R37), Exploratory/Development (R21), Phase II SBIR (R44), Phase II STTR (R42), Program Project (P01), Specialized Center (P50 or U54), and Cooperative Agreement (U01) grants funded by the

NINDS or NIEHS are eligible to apply. Deadlines: **Mar 15** and **Jul. 15**.

WEB: <http://grants1.nih.gov/grants/guide/notice-files/NOT-NS-05-004.html>. *NIH Guide*, January 26, 2005.

Nursing Excellence Fellowship

The **National Hemophilia Foundation** invites applications for the *Nursing Excellence Fellowship*. The purpose of the Fellowship is to provide support for a registered nurse currently employed or interested in hemophilia care to conduct nursing research or clinical projects. Endorsement by a federally funded hemophilia treatment center is recommended. Current topics of interest include, but are not limited to, the development of clinical pathways, measurable outcomes in hemophilia care, service utilization, epidemiology, and patient and community education. Other topics include rehabilitation, therapeutic modalities, psychosocial issues, women's health, liver disease, and AIDS. The objectives of the fellowship are to improve the delivery of nursing care and expand the knowledge of nursing science. Deadline: **Mar. 15**.

WEB: <http://www.hemophilia.org/research/nursing.htm>. *COS*, January 24, 2005.

Clinical Nutrition Research Unit Core Centers

The **National Institute of Diabetes and Digestive and Kidney Diseases** invites applications for *Clinical Nutrition Research Unit (CNRU) Core Centers*. The CNRUs are core centers that are part of an integrated program of nutrition and obesity-research support provided by NIDDK. A total of \$4,000,000 in FY 2006 will be committed to fund a total of three new and/or competing continuation grants. Deadlines: **Jun. 10** (letter of intent); **Jul. 12** (applications).

WEB: <http://grants2.nih.gov/grants/guide/rfa-files/RFA-DK-04-020.html>. *NIH Guide*, January 25, 2005.

Also see these listings:

- **2005 J. Allyn Taylor International Prize in Medicine - Molecular Imaging of Cell Signaling**
- **Daniel Haughton Senior Faculty Award**
- **Molecular Approaches to Diet and Pancreatic Cancer Prevention**
- **Patient Management, Care, and Rehabilitation Program**
- **Reproductive and Child Health Grants**
- **Small Grants Program**
- **Traditional Grant Program**

INTERNATIONAL OPPORTUNITIES

Reproductive and Child Health Grants

The **Bill and Melinda Gates Foundation** invites applications for *Reproductive and Child Health Grants*. Reproductive health care is the primary health need of women, yet limited resources in developing countries combined with women's economic and social position often deprive women of access to the care they need and want. Increasing access to voluntary family planning services, providing emergency obstetrical care to enable women to safely carry and deliver babies, providing a trained midwife at delivery, and preventing cervical cancer are examples of the kinds of work supported by the foundation. Deadline: **Continuous**.

WEB: <http://www.gatesfoundation.org/GlobalHealth/ReproductiveChildHealth/>. *COS*, January 25, 2005.

Arca Foundation Grants

The **Arca Foundation** invites applications for *Arca Foundation Grants*. The Arca Foundation is dedicated to the pursuit of social equity and justice, particularly given the growing disparities in our world. The foundation also believes in the principal that a vibrant democracy requires "speaking truth to power". In pursuit of these principles, the foundation has adopted experimental, strategic, and innovative approaches that give voice to the unheard and raise unasked questions. While the foundation's specific program focus may change from time to time, its fundamental purpose is achieved by supporting efforts that can affect public policy. Furthermore, the foundation trusts that with adequate information, an organized and informed citizenry will make the right choices. Deadlines: **Mar. 1, Sep. 1**.

WEB: <http://www.arcafoundation.org/pages/howtoapply.htm>. *COS, January 24, 2005*.

International Program Fellowship

The **Population Reference Bureau** is accepting applications for its *International Program Fellowship* at the US Agency for International Development (USAID). The fellowship is for one year, with the option to extend for a second year. The position is full-time and will begin in September 2005. The fellow will work within USAID's Office of Population and Reproductive Health. The Office's staffs work to improve the environment and delivery of family planning and reproductive health care in development countries. The fellow's principal responsibility will be to support the Senior Policy Advisor and other members of the front office. Other duties and activities will be determined by the interests of the selected fellow and he needs of the Office of Population. The Fellowship pays a stipend of \$ 35,000 per year plus benefits. Deadline: **Mar. 30**.

INQUIRIES: Lisa Colson, lcolson@prb.org. WEB: http://www.prb.org/Content/NavigationMenu/PRB/AboutPRB/Employment1/Employment_Information.htm#ipfellowship.

Also see these listings:

- **John J. and Nancy Lee Roberts Fellowship Program**

MULTIDISCIPLINARY

Molecular Approaches to Diet and Pancreatic Cancer Prevention

The **National Institutes of Health** invites applications for the *Molecular Approaches to Diet and Pancreatic Cancer Prevention* program. The purpose of this initiative is to invite innovative preclinical and clinical R01 applications to determine how dietary energy intake and bioactive food components, including alcohol, influence pancreatic cancer development and prevention. This program seeks to encourage collaboration between nutritional scientists and cancer biologists, oncologists and gastroenterologists to jointly examine key mechanisms in the pancreatic cancer process (e.g., carcinogen metabolism, cell division, differentiation, apoptosis) in order to begin to establish mechanistic links between quantity and form of energy consumed and/or bioactive food component intakes with pancreatic tumor incidence and behavior. The linkage between diet and pancreatic cancer comes from its long-recognized interrelationships with diabetes and obesity, and thus with caloric intake and expenditure. This program seeks to expand research that will clarify the importance of diet-related energetic and bioactive food components in pancreatic cancer prevention. Deadlines: **Feb. 1, Jun. 1, Oct. 1**.

WEB: <http://grants1.nih.gov/grants/guide/pa-files/PA-05-040.html>. *NIH Guide, January 24, 2005*.

Patient Management, Care, and Rehabilitation Program

The **National Multiple Sclerosis Society** invites applications for the *Patient Management,*

Care, and Rehabilitation Program. This program supports research projects dealing with psychosocial issues, management of symptoms, care and rehabilitation, bioengineering, and other topics related to improving the quality of life for people with multiple sclerosis. The emphasis in these areas should be the development of new techniques or principles rather than minor improvements of existing techniques. To be competitive, an application must address a significant problem related to the clinical care and management of people with multiple sclerosis, propose a testable hypothesis, have a defined protocol and appropriate methodology, and include appropriate controls and statistical analysis. Deadlines: **Feb. 2, Aug. 3.**

WEB: <http://www.nationalmssociety.org/Research-patientmgt.asp>. *COS, January 26, 2005.*

Daniel Haughton Senior Faculty Award

The **National Multiple Sclerosis Society** invites applications for the *Daniel Haughton Senior Faculty Award*. The Award is granted to established investigators seeking support for specialized training in a field that they are not currently expert, in as much as such training will enhance their capacity to conduct research related to multiple sclerosis. Awards of this type can be used for sabbatical support for qualified individuals. Deadline: **Feb. 11.**

WEB: <http://www.nationalmssociety.org/%5CResearch-srfaculty.asp>. *COS, January 24, 2005.*

Balzan Prizes

The **Fondazione Internazionale Premio E. Balzan** invites you to submit the names of candidates you deem to be the most deserving of an award from the *Balzan Prizes 2005*. There will be four Balzan Prizes of one million Swiss francs each in 2005. Half the prize sum will be awarded to the prize winner in recognition of his/her work, while the other half will be earmarked by the prize winner for research projects (including instrumentation and dissemination) which should preferably involve young researchers or research groups. The General Prize Committee has decided to award the Balzan Prizes of 2005 in the following subjects:

- The History of the Art of Asia,
- The Social and Cultural History of Cities since the Beginning of the 16th Century,
- Population Biology, and
- Mineral Physics.

Deadline: **Mar. 15.**

INQUIRIES: balzan@balzan.it; WEB: <http://www.balzan.it>.

Research Opportunities in Space and Earth Sciences

NASA has issued a research announcement entitled *Research Opportunities in Space and Earth Sciences (ROSES) - 2005*. This announcement solicits proposals for over 50 program elements supporting basic and applied research and technology across the entire range of NASA's space and earth science programs. Proposal dates are scheduled starting in April, 2005 and continue through February, 2006. Electronically submitted Notices of Intent to propose are requested for all program elements. Note that submitting organizations must be registered with the NASA proposal data system in order to submit the required electronic proposal Cover Page. The following are solicited research programs within ROSES with upcoming due dates:

- *Mars Fundamental Research* seeks to sponsor the best and most innovative scientific research concerning atmospheric, climatological, and geologic processes on Mars, and offers opportunities for Mars research beyond that available from analysis of spacecraft data alone. Deadlines: **Feb. 18** (Notice of Intent/Step 1), **Apr. 15** (Proposal).
- *Advancing Collaborative Connections for Earth-Sun System Science* seeks to expand and strengthen the interconnectedness and reuse of key information technologies and services across the broad spectrum of Earth-Sun system science investigations and those within ESSD's applied science applications. Deadlines: **Feb. 22** (Notice of Intent/Step 1), **May**

20 (Proposal).

- *Astronomy and Physics Research and Analysis* program solicits basic research proposals for investigations that are relevant to NASA's programs in astronomy and astrophysics and includes research over the entire electromagnetic spectrum, from radio to gamma rays, plus particle astrophysics. Deadlines: **Feb. 25** (Notice of Intent/Step 1), **Apr. 22** (Proposal).
- *Advanced Component Technology (ACT)*: the objectives of the ACT program are to research, develop, and demonstrate component and subsystem level technology that reduce the risk, cost, size, and development time for Earth-Sun System Division (ESSD) observing instrument and platforms, and enable new ESSD observation measurements. Deadlines: **Feb. 28** (Notice of Intent/Step 1), **Apr. 29** (Proposal).
- *Outer Planets Research* program supports diverse scientific investigations that contribute to the understanding of the giant planets in the outer Solar System, as well as the smaller solid bodies including comets, asteroids, and the Kuiper Belt. Deadlines: **Mar. 2** (Notice of Intent/Step 1), **Apr. 27** (Proposal).
- *Planetary Atmospheres* program supports scientific investigations that contribute to the understanding of the origins and evolution of the atmospheres of planets and their satellites, and of comets. Broad objectives include the determination of compositions, dynamics, energetics, and chemical behaviors of planetary atmospheres. Deadlines: **Mar. 4** (Notice of Intent/Step 1), **Apr. 29** (Proposal).
- *Terrestrial Planet Finder (TPF) Coronagraph/Instrument Concept Studies* is the cornerstone in our quest for Earth-like planets and habitable environments around other stars. The goal of TPF is to directly detect extrasolar terrestrial planets and characterize the content of their atmospheres in search for signs of life beyond the solar system. Deadlines: **Mar. 4** (Notice of Intent), **Apr. 29** (Proposal).

WEB:

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

Traditional Grant Program

The **National Marfan Foundation** (NMF) invites applications for the *Traditional Grant Program*. The Foundation's grant program is designed to provide financial support for investigators studying any or all disciplines involved in the Marfan syndrome. Special areas of interest include cardiovascular, genetic, orthopedic, and ophthalmologic issues of the Marfan syndrome and related disorders. The NMF accepts applications on a yearly basis for one- or two-year grants in basic, translational, or clinical research. Deadline: **Apr. 1**.

WEB: http://www.marfan.org/nmf/GetContentRequestHandler.do?menu_item_id=47. *COS*, January 27, 2005.

PHYSICAL SCIENCES & ENGINEERING

Small Grants Program

The **Society for Biomolecular Screening** furthers the science and applications of molecular discovery by supporting basic research and training in academic institutions. In accordance with this mission, the society has established an endowment for initiation of a *Small Grants Program*. These grants will provide start-up funding for research projects with potential to advance the disciplines, technologies, and skills involved in screening and molecular discovery, including the support of graduate and undergraduate training in these areas. The program is intended to support projects that may have an applied focus or those that may involve radically new concepts. Deadline: **Feb. 18**.

WEB: http://www.sbsonline.com/awards_grants/sgapplications.php. *COS, January 24, 2005.*

Multiscale Mathematics Research and Education

The **US Department of Energy, Office of Advanced Scientific Computing Research** requests proposals for the *Multiscale Mathematics Research and Education* program.

Applications are sought that serve two complementary objectives:

- the advancement of multiscale mathematics research, both as an intellectual pursuit and a computational science enabler; and
- innovative approaches to educating computational scientists in the effective use of multiscale mathematics

Proposed research and educational activities should be relevant to the mission of the Office of Science and, in particular to the long term goals of its applications research programs. In order to maximize the dissemination of information, promote and support technology commercialization, and avoid unnecessary duplication of effort; collaboration and communication among industry, laboratories, research centers and universities is encouraged. Deadline: **Mar. 28.**

WEB: <http://fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG01-05ER05-16/listing.html>.
FedGrants, January 28, 2005.

2005 J. Allyn Taylor International Prize in Medicine - Molecular Imaging of Cell Signaling

The *J. Allyn Taylor International Prize in Medicine*, sponsored by the **Stiller Foundation of Canada** and administered by the **John P. Robarts Research Institute**, is awarded annually to scientists who have made significant contributions to a field of science or clinical research in one of the institute's principal areas of research. The 2005 prize will be granted to a scientist who has made outstanding contributions in the area of molecular imaging of cell signaling. Deadline: **Apr. 20.**

WEB: http://www.robarts.ca/about/ab_taylorprize.shtml. *COS, January 28, 2005.*

Also see these listings:

- **Administrative Supplements for Research on Medical Countermeasures to Chemical Terrorism**
- **Balzan Prizes**
- **Daniel Haughton Senior Faculty Award**
- **Mechanisms of Adverse Drug Effects in Children**
- **Nanotechnology Strategies for Cancer Research**
- **Patient Management, Care, and Rehabilitation Program**
- **Primary Immune Deficiency Diseases**
- **Research Opportunities in Space and Earth Sciences**

POSTDOCTORAL FUNDING

- **International Society for Heart and Lung Transplants -- Research Fellowship Awards.** Deadline: **Feb. 15.** WEB: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#half>
- **National Council for Eurasian and East European Research -- National Research Competition: Research Grants.** Deadline: **Feb. 15.** WEB: <http://www.ors.duke.edu/find/student/pdoc/pdocmulti.html#eaeenrc>
- **National EpiFellows Foundation -- Research Grants.** Deadline: **Feb. 7.** WEB: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#erg>
- **National Multiple Sclerosis Society -- Postdoctoral Fellowships.** Deadline: **Feb. 11.**

WEB: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#mspf>

SOCIAL SCIENCES

John J. and Nancy Lee Roberts Fellowship Program

The **International Research and Exchanges Board** invites applications for *John J. and Nancy Lee Roberts Fellowship Program*. This program supports cutting-edge research in the social sciences on Eastern Europe, the New Independent States (NIS), the Near East, and Asia. Deadline: **Apr. 1**.

WEB: <http://www.irex.org/programs/roberts/>. *COS, January 26, 2005.*

Also see these listings:

- **Arca Foundation Grants**
- **Balzan Prizes**
- **Constant H. Jacquet Research Awards**
- **Ethel Hausman Clinical Research Scholars Award**
- **Independent Investigator Award**
- **Investigator Award Research Grant**
- **National Research Competition: Research Contracts**
- **Patient Management, Care, and Rehabilitation Program**

ABOUT THE NEWSLETTER

Funding Alert is a weekly online publication of opportunities and news related to federal and private funding for research, instruction, program development, instrumentation, etc. Funding Alert is produced to further the educational and research objectives of Duke University and the Duke University Medical Center.

Duke University campus-based faculty, staff, and students should contact the ORS Funding Opportunities staff with comments and questions:

Ken Macdonald -- kwmac@duke.edu, 681-5988

Trish McMillan -- trish.mcmillan@duke.edu, 681-8925

Duke University Medical Center faculty, staff, and students should contact the School of Medicine Funding Opportunities Specialist with comments and questions:

Justin DeSimone -- desim004@mc.duke.edu, 668-9004

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