

## WEEKLY FUNDING ALERTS Week of 07.09.09

### Featured Funding Opportunity

#### [Cutting-Edge Basic Research Awards \(CEBRA\) \(R21\)](#)

**Description:** To foster highly innovative or conceptually creative research related to drug abuse and addiction and how to prevent and treat them. It supports research that is high-risk and potentially high-impact that is underrepresented or not included in National Institute on Drug Abuse (NIDA) current portfolio. The proposed research should: (1) test a highly novel and significant hypothesis for which there is scant precedent or preliminary data and which, if confirmed, would have a substantial impact on current thinking; and/or (2) develop or adapt innovative techniques or methods for addiction research, or that have promising applicability to drug abuse research.

**Deadline:** August 21, 2009, December 21, 2009, August 20, 2010

**Amount:** Varies – See full announcement.

### Non-Federal, Foundation and Corporate Opportunities

***OHSU Foundation Tracking and Clearance:*** Please note all of the following private foundation opportunities require OHSU Foundation clearance, unless otherwise indicated. If you intend to apply, please follow the instructions and complete the OHSU Foundation tracking and clearance form available at <http://ozone.ohsu.edu/research/rda/funding/clearance.shtml#foundation>.

#### [American Association for Cancer Research \(AACR\) - Judah Folkman Career Development Award for Anti-Angiogenesis Research](#)

**Description:** To support research projects restricted to basic, clinical, translational or epidemiological projects that will substantially advance the field of anti-angiogenesis research in cancer.

**Deadline:** August 10, 2009

**Amount:** A two-year grant of up to \$100,000

**Eligibility:** Open to junior faculty who completed postdoctoral studies or clinical fellowships no more than three years prior to the start of the grant term; who are in their first full-time, faculty appointment and hold the title of Instructor, Research Assistant Professor, Assistant Professor, or an equivalent full-time faculty appointment; and who are at an academic, medical, or research institution.

#### [Morris Animal Foundation \(MAF\) – Pilot-Study Grants](#)

**Description:** For investigators researching the health of companion animals, horses, and wildlife, especially canine overpopulation, heartworm in dogs and cats, cardiac disorders in the Doberman Pinscher, and canine hip dysplasia.

**Deadline:** August 31, 2009

**Amount:** \$10,000 plus 8 percent for indirect costs.

**Eligibility:** All investigators are eligible to apply—new investigators are particularly encouraged. An investigator can serve as principal investigator (PI) or co-investigator on only ONE (1) MAF pilot study per year. You are not eligible to apply for an MAF pilot study if you are a PI on a current MAF study (serving as a co-investigator on a current MAF study or having a pending pre-proposal or full proposal at MAF is acceptable) You are not eligible to apply as the PI of an MAF pilot study if you currently (at the time of submitting the application) have extramural funding exceeding \$20,000. This does not apply to any co-investigators on the study. A pending pre-proposal or full proposal at or exceeding this budget with MAF or another funding agency is acceptable. The PI on an MAF pilot study does not need to have full-time faculty status at his or her institution. Residents are eligible to apply for this award.

#### [Fondation Leducq - Transatlantic Networks of Excellence in Cardiovascular Research Program 2009-2010](#)

**Description:** Funding to promote international research in cardiovascular and neurovascular disease to collaborative research teams, who work together to advance our knowledge and treatment of cardiovascular and neurovascular disease.

**Deadline:** Letter of interest (required): September 18, 2009, 6pm (Paris time).

**Amount:** Up to U.S. \$6 million over five years.

**Eligibility:** Researchers in North America and Europe who are working in cardiovascular or neurovascular disease, or who have expertise in an appropriate related field. Researchers must be affiliated with an academic research center.

#### **[The Alzheimer's Drug Discovery Foundation - Frontotemporal Dementia Drug Discovery Program](#)**

**Description:** For research investigating the pathologic mechanisms of neurodegeneration in frontotemporal dementia (FTD) and related disorders has advanced recently, creating new potential targets for drug discovery. Examples of programs appropriate for this Request for Proposals include, but are not limited to, identification and in vitro testing of potentially disease modifying lead compounds; development and testing of novel high throughput screening assays; medicinal chemistry on lead compounds; testing of lead compounds in a relevant animal model for preclinical proof of concept; ADME (absorption, distribution, metabolism, and excretion), toxicology, pharmacokinetics, and pharmacodynamics on lead compounds; development and testing of targeted gene delivery strategies; and development of biomarkers to accelerate drug development and early diagnosis.

**Deadline:** October 1, 2009

**Amount:** Not specified – see full announcement.

**Eligibility:** This funding will not support applications for basic research – See above & full announcement for appropriate topics of research.

#### **[Juvenile Diabetes Research Foundation \(JDRF\) - High Priority, Short-Term Bridge Award](#)**

**Description:** To support the research of investigators whose research is being curtailed or delayed by failure to receive funding. This award will provide one year of funding for research grant applications that address a high priority research area for JDRF and scored within 10% of the funding payline for a review cycle of a research funding agency up to a year prior to the request to JDRF. The goal of this “bridge” funding is to help investigators generate additional supporting data for an amended, competitive application.

**Deadline:** November 1, 2009

**Amount:** \$55,000 total for one year.

**Eligibility:** Applicants must hold an MD, DMD, DVM, PhD, or equivalent and have a faculty position or equivalent at a college, university, medical school, or other research facility. There are no citizenship requirements for this program.

#### **[International Union Against Cancer \(UICC\) - Yamagiwa-Yoshida Memorial International Cancer Study Grant](#)**

**Description:** Supports bilateral research projects abroad that exploit complementary materials or skills, including advanced training in experimental methods or special techniques. Candidates should be actively engaged in cancer research and have appropriate scientific or medical qualifications and recent publications in international peer-reviewed periodicals.

**Deadline:** January 15, 2010

**Amount:** \$10,000

**Eligibility:** Targeted towards cancer researchers, clinicians, and public health professionals. Applicants must have appropriate scientific or medical qualifications and a minimum of two years postdoctoral experience; active engagement in cancer research; and recent publications in the international peer-reviewed literature.

### **NIH Federal Opportunities**

#### **[Basic and Clinical Studies of Congenital Urinary Tract Obstruction \(R01\)](#)**

**Description:** To address the numerous scientific and clinical uncertainties related to the development, treatment and prognosis of congenital obstructive uropathy, by encouraging and facilitating research in diverse areas. These areas include: the development of objective prognostic markers; the genetic determinants of this congenital disorder; the development of reliable animal models of the disorder; and, evaluation of the long-term effectiveness of various treatment strategies.

**Deadline:** Standard dates apply - See full announcement.

**Amount:** Up to \$500,000 per year for up to five years.

#### **Mentored Career Development Award to Promote Faculty Diversity/Re-Entry in Biomedical Research (K01)**

**Description:** To increase the number of highly trained investigators, from diverse backgrounds or who have experienced an interruption in their research careers, whose basic and clinical research interests are grounded in the advanced methods and experimental approaches needed to solve problems related to cardiovascular, pulmonary, hematologic, and sleep disorders in the general and health disparities populations.

**Deadline:** August 25, 2009

**Amount:** For individuals from underrepresented racial and ethnic groups, individuals with disabilities, individuals from disadvantaged backgrounds or individuals who have experienced an interruption in their research careers. Limited to a maximum salary of \$75,000 per year plus commensurate fringe benefits for 9-12 person months (equivalent to 75 to 100%) full-time professional effort; and a maximum of \$30,000 for research and development costs.

#### **Minority Institutional Research Training Program (T32)**

**Description:** To provide an intensive, mentored research experience to individuals and therefore significantly enhance research skills and abilities through a three-to-five-year award to support faculty members who are currently underrepresented on faculty at academic institutions in health-related research on a national or institutional basis, such as individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from disadvantaged backgrounds; or (for re-entry) individuals who were in a postdoctoral or faculty position at the time they left active research and have experienced an interruption in their research careers due to non-academic issues.

**Deadline:** August 25, 2009

**Amount:** Varies – See full announcement.

**Eligibility:** For individuals from underrepresented racial and ethnic groups, individuals with disabilities, individuals from disadvantaged backgrounds or individuals who have experienced an interruption in their research careers. Only U.S. citizens or non-citizen nationals, or individuals lawfully admitted for permanent residence who have a currently valid Permanent Resident Card, or some other verification of legal admission as a permanent resident prior to the time of award, are eligible for this award. Individuals must have been awarded a doctoral degree, such as the Ph.D., M.D., D.O., D.V.M., or an equivalent degree at least two years prior to the award and have a full-time non-tenured faculty appointment (such as instructor or assistant professor) at an accredited college or university at the time of award. See full announcement for details.

#### **Partnerships for Biodefense Viral Pathogens (R01)**

**Description:** To development of new therapeutics, immunotherapeutics or medical diagnostics focused on National Institute of Allergy and Infectious Diseases (NIAID) Category A, B, or C viral pathogens. (see full announcement). Research may include, but is not limited to: target identification and/or validation; adaptation of platform technologies or products to biodefense applications; development of broad spectrum platforms and/or production technologies; optimization of products; process development; preclinical evaluation; scale-up; and production of quantities sufficient for preclinical regulatory requirements.

**Deadline:** September 23, 2009

**Amount:** Varies – See full announcement.

#### **Partnerships for Biodefense Food- and Water-borne Diseases (R01)**

**Description:** For projects that support development of therapeutics, immunotherapeutics, medical diagnostics and broad-spectrum vaccines for National Institute of Allergy and Infectious Diseases (NIAID) Category B food- and water-borne priority pathogens and toxins.

**Deadline:** September 23, 2009

**Amount:** Up to \$750,000 (more may be requested with prior program approval).

#### **Medical Rehabilitation Research Resource (R24)**

**Description:** To create a national network of research cores that provide access to collateral expertise in biomedical, behavioral, and/or psychosocial fields that are particularly relevant to medical rehabilitation research. Applicants should propose a program of research resources and collaborative opportunities in a specific content area. This may be accomplished through a combination of didactic interactions (workshops, courses, written material, and websites), consultations, and pilot funding. In addition, the research core may support intramural activities related to technique development, adaptation, and validation.

**Deadline:** October 1, 2009

**Amount:** Up to \$700,000 per year for up to five years.

#### **Fertility Preservation Research: Advancing Beyond Technology (R01)**

**Description:** To 1) characterize the risks and mechanisms of gonadal damage secondary to exposure to chemotherapy, radiation therapy, or occupational or environmental hazards, 2) elucidate more reliable biomarkers of reproductive capacity, and 3) examine the social, legal, and ethical ramifications of fertility preservation technologies.

**Deadline:** October 20, 2009

**Amount:** Up to \$500,000 per year for up to five years.

#### **The Early Detection Research Network: Biomarker Developmental Laboratories (U01)**

**Description:** For the development and characterization of new, or the refinement of existing, biomarkers and biomarker assays.

**Deadline:** October 29, 2009

**Amount:** Up to \$600,000 per year (direct costs) for up to five years.

#### **Translational Research for the Prevention and Control of Diabetes and Obesity (R18)**

**Description:** To test the effectiveness of interventions for the prevention and control of diabetes and obesity that have a high potential to be adopted, and sustained in applied health care settings. The approaches tested must be based on widely accepted interventions previously demonstrated to be efficacious in clinical trials. Research must target the prevention or reversal of obesity, prevention of type 2 diabetes, improved care of type 1 and type 2 diabetes, or the prevention or delay of the complications of these conditions. The interventions proposed under this opportunity should have the potential to be widely disseminated to clinical practice, individuals and communities at risk.

**Deadline:** November 2, 2009, March 1, 2010, July 1, 2010, November 1, 2010

**Amount:** Up to \$500,000 per year for up to 5 years.

#### **Planning Grants for Translational Research for the Prevention and Control of Diabetes and Obesity (R34)**

**Description:** To develop and pilot test translational interventions for the prevention and control of diabetes and obesity that have a high potential to be adopted, and sustained in applied health care settings. Research must be based on widely accepted interventions previously demonstrated to be efficacious in clinical trials. Research must target the prevention or reversal of obesity, prevention of type 2 diabetes, improved care of type 1 and type 2 diabetes, or the prevention or delay of the complications of these conditions. The interventions proposed under this opportunity should have the potential to be widely disseminated to clinical practice, individuals and communities at risk.

**Deadline:** November 2, 2009, March 1, 2010, July 1, 2010, November 1, 2010, March 1, 2011, July 1, 2011, November 1, 2011, March 1, 2012

**Amount:** Up to \$150,000 per year for up to two years.

#### **Cancer Intervention and Surveillance Modeling Network (CISNET) (U01)**

**Description:** Support collaborative, interactive projects involving groups of researchers that would put forward a program of comparative modeling, as well as to allow coverage across the important cancer control issues and relevant specific focus areas for the selected organ site. Investigators may propose the application, extension, and/or merging of existing models. However, de novo model development will not be supported. Because of the requirement of conducting cross-model comparisons (i.e. comparative modeling) and coverage of a broad range of cancer control issues, it is expected that each award will support between approximately 2 and 5 modeling groups working

together.

**Deadline:** November 3, 2009

**Amount:** Varies – See full announcement.

#### **Enterics Research Investigational Network Cooperative Research Centers (U19)**

**Description:** To establish a coordinated enterics research program designed to bridge the gaps between basic, translational, and clinical research on enteric disease agents, including toxins.

**Deadline:** November 17, 2009

**Amount:** Varies – See full announcement.

#### **Resource Core Alcohol Research Centers (P30)**

**Description:** To develop a collaborative transdisciplinary alcohol research program. The purpose of this program is to provide resources to foster interdisciplinary, collaborative research on a wide variety of topics relevant to the Institute's mission. These topics include, but are not limited to: the nature, etiology, genetics, diagnosis, treatment, and prevention of alcohol use disorders and their biomedical, psychosocial, and economic consequences across the lifespan.

**Deadline:** December 2, 2009

**Amount:** Varies – See full announcement.

#### **Specialized Alcohol Research Centers (P50)**

**Description:** To support an integrated, broad-based multidisciplinary, multi-investigator, long-term program of research and research support activities planned around a specific major research theme. Alcohol Research Centers are expected to become regional, and with time, a National resource in their particular area of expertise. In addition to providing support for shared resources, this type of Center supports a full range of basic, developmental, clinical, and/or applied research components; allows for growth and development through pilot projects; and is intended to provide state-of-the-art leadership in the alcohol field. Unique scientific opportunities including sharing of resources or expertise warrant collaboration with investigators from other centers or from other institutions domestic or foreign.

**Deadline:** December 2, 2009

**Amount:** Varies – See full announcement.

#### **Comprehensive Alcohol Research Centers (P60)**

**Description:** To develop an effective research translation or information dissemination component to help accelerate the use of research findings for the benefit of public health. Outreach activities could be pursued in collaboration with other Centers, thereby optimizing the impact. Comprehensive Alcohol Research Centers are also expected to function as a regional and National resource in their particular area of expertise; to facilitate research training; to develop research collaborations with outside investigators; and to provide a means to develop new ideas and encourage new investigators via pilot projects.

**Deadline:** December 2, 2009

**Amount:** Varies – See full announcement.

#### **National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Small Grants for Clinical Scientists to Promote Diversity in Health-Related Research (R03)**

**Description:** To provide support for clinical scientists from underrepresented racial/ethnic backgrounds, disadvantaged backgrounds or clinical scientists with disabilities to conduct small research projects in the area of diabetes, endocrinology, metabolism, digestive diseases, hepatology, obesity, nutrition, kidney, urology, or hematology. This opportunity is aimed at New Investigators (who hold a health professional doctoral degree or other clinical doctoral degree AND who are from a group that has been shown to be underrepresented in biomedical research.

**Deadline:** Standard dates apply - See full announcement.

**Amount:** Up to \$125,000 per year for up to three years.

**Eligibility:** Limited to applicants who are New Investigators and who possess a health professional doctoral degree or other clinical doctoral degree and who belong to a population group nationally underrepresented in biomedical or behavioral research.

### [Highly Innovative Tactics to Interrupt Transmission of HIV \(HIT-IT\) \(R01\)](#)

**Description:** To stimulate the discovery, design and early preclinical evaluation of highly innovative, risky but rational approaches that could provide long-term protection from acquiring HIV infection. The proposed work is expected to explore novel hypotheses or address difficult problems, the solutions to which could have a significant impact on finding methods to interrupt HIV transmission. The research proposed is expected to focus on verifying a hypothesis or solving a problem for the field.

**Deadline:** November 3, 2009

**Amount:** Direct costs of up to \$350,000 (or up to \$500,000 in any year(s) if studies involve the use of non-human primates or humanized-mouse models) per year and a project duration of up to four years.

**Eligibility:** The program is open to established and new investigators and does not require research expertise in the area of HIV prevention as a prerequisite for submitting an application.

## Non-NIH Federal Opportunities

### [National Council on Disability - Keeping up: Technology's Rapid Changes and Effects on People with Disabilities Grant](#)

**Description:** To provide technology developers with knowledge on how their complex products can be developed in a cost-effective way and used to increase the employment of people with disabilities. As part of this research, six new media sources and/or digital technology products will be analyzed for their utility in employment settings, and their accessibility to people with disabilities.

**Deadline:** August 7, 2009

**Amount:** Up to \$150,000

**Eligibility:** All types of domestic entities are eligible to apply.

### [US Department of Energy - Biological Systems Research on the Role of Microbial Communities in Carbon Cycling Grant](#)

**Description:** For systems-level studies on regulatory and metabolic networks of microbes and microbial consortia involved in biogeochemical cycling of carbon; Development of metatranscriptomic, metaproteomic, and other genome-enabled approaches to understand how shifts in environmental variables impact microbially-mediated carbon cycling processes in terrestrial ecosystems, and; Development of methods and techniques for imaging and analysis of microbially-mediated carbon cycling processes in terrestrial ecosystems.

**Deadline:** Pre-application (required): August 25, 2009 / Full application: November 9, 2009

**Amount:** Annual budgets are expected to range from \$250,000 to \$1,000,000 in total costs.

**Eligibility:** All types of domestic entities are eligible to apply.