

WEEKLY FUNDING ALERTS Week of 11.4.10

Featured Funding Opportunity

[Ellison Medical Foundation – New Scholar in Aging Award](#)

Description: Supports new investigators of outstanding promise in the basic biological sciences relevant to understanding lifespan development processes and age-related diseases and disabilities. The award is intended to provide new faculty with support during the especially critical first three years of their independent research career. Areas of interest include, but are not limited to: structural biology, molecular genetics, studies with model systems ranging from lower eukaryotes to humans, inquiries testing the relevance of simpler models to human aging, genetic epidemiology of aging, candidate longevity genes, aging in the immune system, host defense molecules in aging systems, mechanisms of free radical induced cell aging, mechanisms of aging in various differentiated cell populations, integrative physiology, gene/environment and gene/gene interactions, and new approaches to age-modulated disease mechanisms.

Deadline: Internal: December 3, 2010 / Institutional nominations due: December 15, 2010 / Candidate applications due: February 24, 2011. **If interested in applying, please submit your CV and Specific Aims/1-5 page Research Plan by Friday, December 3, 2010 using the [limited submission form](#).**

Amount: \$100,000 per year for four years.

Eligibility: *Limited Submission* – OHSU is eligible to submit two candidates. These awards are intended for investigators who are in the first three years of their research careers following their post-doctoral fellowship experience. For the 2011 competition, nominees must hold regular full time appointments (tenure or non-tenure) on the faculty of the sponsoring institution by March 1, 2011; and they must have been in such an appointment, whether at the sponsoring institution or other institution(s), for no more than three years as of July 15, 2011, i.e. the first appointment having been made no earlier than July 15, 2008. Time spent in clinical internships, post-doctoral training, residencies, or in work toward board certification does not count as part of the three-year limit. See full announcement for a list of career development awards in conflict with the New Scholar in Aging Award.

Limited Submission: *Please note this opportunity requires internal coordination since an institution may submit only two applications. If you intend to apply, complete a limited submission form at <http://ozone.ohsu.edu/research/rda/funding/limsubform.php> before the internal deadline.*

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 [here](#).*

[American Association of University Women \(AAUW\) – International Fellowships](#)

Description: Provides support for one year of graduate or postgraduate study in the U.S. to women who are not U.S. citizens or permanent residents. The purpose of this program is to advance equity for women and girls through advocacy, education, and research.

Deadline: December 1, 2010

Amount: Master's/Professional Degree fellowships carry a stipend of \$18,000 for the fellowship year. Doctoral fellowships carry a stipend of \$20,000 for the fellowship year. Postdoctoral fellowships carry a stipend of \$30,000 for the fellowship year.

Eligibility: Applicants must have citizenship in a country other than the U.S., or possession of a non-immigrant visa if residing in the U.S. Academic degree (earned in the U.S. or abroad) equivalent to a U.S. bachelor's degree completed by September 30, 2010. Applicant must intend to devote herself full-time to the proposed academic plan during the fellowship year and intend to return to her home country to pursue a professional career. Master's/Professional and Doctoral applicants must have applied by December 1, 2010, to an accredited institution of study for the period of the fellowship. Proficiency in English is required. See full announcement for additional requirements.

Landon Foundation / American Association for Cancer Research (AACR) – Innovator Awards

- **Innovator Award for Cancer Prevention Research** – Recognizes the outstanding achievement of a junior faculty-level scientist working in the field of cancer prevention. This award supports his or her novel and innovative research that, if successful, will have strong potential for high impact in the cancer prevention field. Travel support is included to help foster interactions among cancer scientists working in various disciplines and to disseminate scientific knowledge about cancer prevention research throughout the field. Proposed projects may differ from current accepted practice and break new ground or extend previous findings in new directions and therefore, may not be supported by substantial preliminary data. || **Amount:** \$50,000 per year for two years. || **Eligibility:** Applicants must have a doctoral degree in a related field and not currently be a candidate for a further doctoral or professional degree. Applicants must have completed postdoctoral studies or clinical fellowships no more than four years prior to the start of the grant term. Applicants must be in the first four years of a full-time faculty appointment with the title of instructor, research assistant professor, assistant professor, or an equivalent full-time faculty position and work at an academic, medical, or research institution anywhere in the world at the start of the grant term on July 1, 2011. There are no citizenship or geographic requirements. Both AACR members and nonmembers are eligible to apply. However, nonmembers must submit a satisfactory application for AACR active membership by December 10, 2010.
- **Innovator Award for International Collaboration in Cancer Research** – Established to help overcome the barriers to international collaboration in cancer research by providing funding to an existing collaboration. This support supplements existing funding for the collaboration and provides the means to facilitate travel and the sharing of knowledge that otherwise may have been difficult to achieve in the absence of this funding. || **Amount:** \$50,000 per year for two years. || **Eligibility:** Applications will be accepted from two or more independent investigators working within an established international cancer research collaboration involving multiple countries. Proposals to initiate a collaborative project will not be accepted. Only one investigator per institution is to be identified as a Collaborator. The Collaborators may be affiliated with any institution involved in cancer research, cancer medicine, or cancer-related biomedical science anywhere in the world. There are no citizenship or geographical requirements. Applicants must have a doctoral degree in a related field and not currently be a candidate for a further doctoral or professional degree.
- **Innovator Award for Research in Personalized Cancer Medicine** – The use of genomics to accurately predict individual responses to treatment with a drug or biologic agent is a central component of the future of personalized cancer medicine. This exciting direction in cancer treatment is the result of the discovery and elucidation of the molecular basis of cancer and involves understanding the risks and the responses that are associated with individual molecular differences. In this regard, there is a growing need not only to be able to predict which patients will respond to a particular treatment, but also who are likely to be the non-responders. This opportunity provides support for physician-scientists who conduct meritorious studies with direct human therapeutic relevance. || **Amount:** \$50,000 per year for two years. || **Eligibility:** Applicants must have a medical degree or its equivalent or a combined M.D./Ph.D. in a related field and may not currently be a candidate for a further doctoral or professional degree. Applicants must have completed postdoctoral studies or clinical fellowships no more than ten years before the start of the grant term. Applicants must hold a full-time faculty appointment with the title of instructor, research assistant professor, assistant professor, or an equivalent full-time faculty position and work at an academic, medical, or research institution anywhere in the world at the start of the grant term on July 1, 2011. There are no citizenship or geographic requirements. Both AACR members and nonmembers are eligible to apply. However, nonmembers must submit a satisfactory application for AACR Active membership by December 10, 2010.

Deadline: December 8, 2010

Eligibility: All grant recipients must attend the recognition event at the AACR 102nd Annual Meeting on April 5, 2011. Complementary registration will be provided.

[American Association for Cancer Research \(AACR\) – Basic Cancer Research Fellowships](#)

Description: Open to postdoctoral and clinical research fellows working at an academic, medical, or research institution who will be in the first, second, or third year of their postdoctoral training at the start of the grant term. Proposed research projects may be in any area of basic cancer research.

Deadline: December 13, 2010

Amount: \$45,000 for one year to support the salary and benefits of the fellow.

Eligibility: Applicants must have a doctoral degree in a related field and not currently be a candidate for a further doctoral or professional degree. Applicants must be in the first three years of a postdoctoral or clinical research fellowship at an academic, medical, or research institution anywhere in the world at the start of the grant term. There are no citizenship requirements. Both AACR members and nonmembers are eligible to apply. However, nonmembers must submit a satisfactory application for AACR associate membership by December 15, 2010.

[American College of Rheumatology \(ACR\) / Research and Education Foundation \(REF\) – Career Development Bridge Funding Award](#)

Description: To provide bridge funding for promising investigators as they are revising outstanding K08/K23 awards. Through this bridge funding award, the REF plans to support young faculty members so that they have the highest likelihood of achieving success in obtaining future NIH awards.

Deadline: December 31, 2010; May 2, 2011

Amount: Up to \$75,000 for one year.

Eligibility: Applicants must be ACR members with an MD, DO, or equivalent medical degree from an accredited institution, MD/PhDs and DO/PhDs are eligible to apply. Applicants must have received a score on the latest of their initial or first re-submission of their K award. Past recipients of this award and applicants with A2 resubmission status are not eligible to apply. Applicant must be a citizen or non-citizen national of the U.S., or be in lawful possession of a permanent resident card. Non-citizen nationals are generally persons born in outlying possessions of the U.S. (e.g., American Samoa and Swains Island). Individuals on temporary (J1, H1) or student visas are not eligible.

NIH Federal Opportunities

NEW NIH FORMATTING REQUIREMENTS ARE NOW IN EFFECT: A new version of the [application forms and instructions](#) are available. The new form and instructions must be used to apply for receipt dates on January 25, 2010 and beyond. You must continue to check the opportunity to which you are applying to download the application forms and instructions for opportunities due on or after January 25th, 2010. For more information on how the application is being restructured, please visit http://enhancing-peer-review.nih.gov/restructured_applications.html.

[Solicitation for Collaborative Projects for the Therapeutics for Rare and Neglected Diseases \(TRND\) Program](#)

Description: A program designed to bridge the gap between a basic research discovery and the testing of new drugs in humans. This program is not a grant or contract; rather, successful applicants will have the opportunity to collaborate with TRND to create and implement a therapeutic development project plan. The purpose of the program is to “de-risk” Rare and Neglected disease drug development projects by accomplishing lead optimization through a Food and Drug Administration Investigational New Drug application and, when needed, proof-of-concept human studies.

Deadline: December 6, 2010

Amount: Not applicable – See full announcement.

Eligibility: The TRND program will partner with academic laboratories, not-for-profit organizations, and for-profit companies. Foreign organizations may also apply.

[Deepwater Horizon Disaster Research Consortia: Health Impacts and Community Resiliency \(U19\)](#)

Description: Solicits applications to: (1) examine impacts of the Deepwater Horizon (DWH) disaster on health, illness and quality of life for the general population residing in the Gulf coast region; and 2) increase the scientific evidence base needed to strengthen the resiliency of vulnerable populations along the Gulf coast to prepare for and recover from the effects of the DWH and similar disasters. In addition to the potential for exposure to oil, dispersants and other chemical mixtures, residents in the Gulf region are experiencing economic hardship, job loss, resettlements and other forms of psychological distress which

may all adversely impact health and quality of life. The intent of this opportunity is to create one or more community-based participatory research consortia of university-community partnerships to address health issues of concern to the residents of the Gulf States affected by the DWH disaster and to enhance capacity to respond to potential future disasters and prevent or minimize adverse health effects arising from them. By developing multi-project programs of basic and applied research, that may include population and associated laboratory-based research projects, it is anticipated that the interplay and impact of multiple stressors on human health and well-being and potential underlying mechanisms will be better understood. In addition, findings will establish the evidence base needed to inform recovery and to develop strategies to prevent illness and promote the health and well-being of populations in this and future man-made or natural disasters.

Deadline: January 21, 2011

Amount: Up to \$1.2 million for up to five years.

Eligibility: Applicants must propose a multi-project research consortium that represents a full partnership between academic researchers/institutions and community organizations residing in the Gulf region affected by the DWH disaster. The consortium should employ the principles of community-based participatory research to develop the overall goals of the consortium and to design a framework to conduct and disseminate a consortium's research. Given the purpose of this opportunity, it is expected that the community partners identified in the application will reside in the Gulf affected by the DWH disaster (i.e. Alabama, Florida, Louisiana, Mississippi and Texas bordering the Gulf of Mexico). Each consortia application must successfully meet the following minimum requirements:

- Three approved Individual research projects
 - At least one research project must address a health outcome(s) affected by the DWH disaster
 - At least one community-based participatory research project must address community vulnerability and resilience along the Gulf coast;
- An approved Administrative Core;
- An approved Community Outreach and Dissemination Core (CODC).

Medical Marijuana Policy Research: Exploring Trends and Impacts (R01)

Description: For research on medical marijuana-related “quasi-natural experiments” in the U.S. to understand the effects of changing laws, regulations, and policies on the epidemiology of cannabis or other drug and alcohol use including the use of tobacco. These quasi-natural experiments may utilize a community or other population-level law, regulation, or public policy intervention that affects medical marijuana use (i.e. decriminalization, etc.). To address this objective, applicants should propose research studies that will assess social, behavioral, and public health impacts of medical marijuana use and policies. The results of research supported by this opportunity are expected to provide critical epidemiologic and evaluation data to inform local, regional, and national public policy and public health research relevant to marijuana use across the Nation.

Deadline: February 18, 2011

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

Superfund Hazardous Substance Research and Training Program (P42)

Description: The National Institute of Environmental Health Sciences (NIEHS) is announcing the continuation of the Superfund Hazardous Substance Research and Training Program [referred to as Superfund Research Program (SRP) Centers]. SRP Center grants will support problem-based, solution-oriented research Centers that consist of multiple, integrated projects representing both the biomedical and non-biomedical disciplines; as well as cores tasked with administrative, community engagement, research translation, research support, and training functions. The scope of the SRP Centers includes: (1) advanced techniques for the detection, assessment, and evaluation of the effect on human health of hazardous substances; (2) methods to assess the risks to human health presented by hazardous substances; (3) methods and technologies to detect hazardous substances in the environment; and (4) basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances.

Deadline: Internal: February 18, 2011 / External: April 15, 2011

Amount: A new applicant may request a budget for direct costs of up to \$1.8 million dollars for the first year. Applicants submitting renewal applications may request up to a three percent increase above the awarded direct costs of the last year of their continuation project (non-competitive renewal). New

applicants may propose a project period of up to four years. Renewal applicants may propose a project period of up to five years.

Eligibility: *Limited Submission* – Only one application per accredited institution of higher education is allowed. Applicants must propose a multi-project, multidisciplinary research Center that addresses a problem-based, solution-oriented theme that is related to the goals of the SRP. Extensive eligibility requirements apply – See full announcement for details.

Limited Submission: *Please note this opportunity requires internal coordination since an institution may submit one application. If you intend to apply, complete a limited submission form at <http://ozone.ohsu.edu/research/rda/funding/lmsubform.php> before the internal deadline.*

Non-NIH Federal Opportunities

Department of Defense (DoD) – Young Faculty Award

Description: Aims to identify and engage rising stars in junior faculty positions in academia and expose them to DoD needs. In particular, this award will provide high-impact funding to elite junior faculty early in their careers in order to develop their research ideas in the context of DoD issues. The long term goal of the program is to develop the next generation of academic scientists, engineers, biologists and mathematicians in key disciplines of interest to Defense Advanced Research Projects Agency (DARPA) who will focus a significant portion of their career on DoD and National Security issues. See full announcement for a list of specific research topics.

Deadline: December 10, 2010

Amount: \$150,000 per year for two years.

Eligibility: Participation is limited to untenured Assistant or Associate Professors within five years of appointment to a tenure-track position at a U.S. institution of higher education.

National Science Foundation (NSF) / NIH Fogarty International Center – Ecology of Infectious Diseases Program: A Joint Program for Multidisciplinary Research

Description: Supports multidisciplinary teams in the development of predictive models and the discovery of principles governing the transmission dynamics of infectious disease agents to humans and other hosts. Proposed projects should include research and associated expertise in diverse disciplines (e.g., mammalogy, ornithology, entomology, epidemiology, microbiology, immunology, social sciences, hydrology, geographic information systems, mathematical modeling, biostatistics) as relevant to understanding the disease transmission system proposed. The Ecology of Infectious Diseases program scope has broadened to incorporate more socio-ecology, pathogen evolution and translational research in the overall context of the ecology of disease transmission. Of specific interest in this solicitation are collaborative partnerships between U.S. scientists and U.K. biological and social scientists that focus on the socio-ecological factors and processes in disease transmission.

Deadline: December 15, 2010

Amount: Each project may receive NIH support of up to \$350,000 in direct costs, or NSF support of up to \$500,000 in total costs, per year for up to five years.

Eligibility: None specified. See full announcement.

National Science Foundation (NSF) – Virtual Organizations as Sociotechnical Systems

Description: A virtual organization is a group of individuals whose members and resources may be dispersed geographically, but who function as a coherent unit through the use of cyberinfrastructure. This program supports fundamental scientific research, particularly advances in social, organizational and design science understanding, directed at advancing the understanding of how to develop virtual organizations and under what conditions virtual organizations can enable and enhance scientific, engineering, and education production and innovation. Levels of analysis may include (but are not limited to) individuals, groups, organizations, and institutional arrangements. Disciplinary perspectives may include (but are not limited to) anthropology, complexity sciences, computer and information sciences, decision and management sciences, economics, engineering, organization theory, organizational behavior, social and industrial psychology, public administration, political science and sociology. Research methods may span a broad variety of qualitative and quantitative methods, including (but not limited to): ethnographies, surveys, simulation studies, experiments, comparative case studies, and network analyses.

Deadline: January 13, 2011; January 09, 2012; January 09, 2013

Amount: \$50,000 to \$400,000 total for up to three years.

Eligibility: An investigator may participate as a PI, Co-PI, or other senior personnel in no more than two proposals submitted annually in response to this program solicitation.

[National Science Foundation \(NSF\) – Nano and Bio Mechanics](#)

Description: Supports fundamental research in biomechanics and mechanobiology. An emphasis is placed on multiscale solid and fluid mechanics approaches in the study of organisms that integrate across molecular, cell, tissue and organ domains. The relationships between mechanical behavior and extracellular matrix composition and organization are of interest. In addition, the influence of in vivo mechanical forces on cell and matrix biology in the histomorphogenesis, maintenance, regeneration, and aging of those tissues is a primary concern. Funded projects may include theoretical, computational, and experimental approaches. The program encourages the consideration of diverse living tissues as smart materials that are self-designing. Biomimetic inspired applications to other engineering fields are encompassed.

Deadline: February 15, 2011

Amount: See full announcement.

Eligibility: Standard NSF eligibility requirements apply.