

WEEKLY FUNDING ALERTS

Week of 09.11.08

Featured Funding Opportunities

Roadmap Transformative R01 Program (T-R01)

- **Deadline:** January 29, 2009
- **Amount:** There is no budget limit per application up to the amount of funding provided for the program as a whole.

<http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&oppld=18350>

Designed to provide a more flexible and engaging avenue for support of investigators testing novel concepts and truly transformative ideas. The primary objective of the T-R01 initiative is to create a program that is specifically designed to support exceptionally innovative, high risk, original and/or unconventional research with the potential to create new or challenge existing scientific paradigms. Applicants must clearly articulate (1) the fundamental issue to be addressed and its overarching importance to the biomedical/behavioral research enterprise, (2) how the studies will either establish new or disrupt existing paradigms, and (3) how the proposed rationale and/or approaches significantly differ from state of the art in the field. Successful projects will be expected to have a major impact in a broad area of biomedical or behavioral research. Consistent with this highly transformative focus, projects supported under the T-R01 program will reflect ideas substantially different from mainstream concepts being pursued in the investigator's laboratory or elsewhere.

OHSU School of Medicine - Gerlinger Research Award

- **Deadline:** November 17, 2008
- **Eligibility:** Faculty appointment in the OHSU School of Medicine. Applications are accessible through the link below or by contacting Nancy Clark at clarkn@ohsu.edu.
- **Amount:** Up to \$40,000 per year - 1 year (funds may be sought for salary, equipment, or supplies).

<http://ozone.ohsu.edu/research/rda/funding/fopdetail.php?fopID=605>

Preference will be given to research dealing with collagen disease, arthritis or DMSO. Indirect costs cannot be provided. Applicants may seek all or part of the \$40,000 available annually. Applicants should follow guidelines provided in the Gerlinger application. An original and 29 copies (all copies stapled) of the application should be submitted by 12:00 noon, Friday, November 17, 2008, to Nancy Clark in the Department of Nephrology, mailcode PP262. Funding will begin in January 2009.

NIH Extramural Loan Repayment Program (LRP)

- **Deadline:** December 1, 2008
- **Amount:** Up to \$35,000 annually
- **Eligibility:** Applicants must be U.S. citizens, U.S. nationals, or permanent resident of the U.S. In general, applicants must have a health professional doctoral degree from an accredited institution. You must have total qualifying educational debt equal to or in excess of 20 percent of their institutional base salary at the time of award (between July and September annually). You must devote at least 50% of your time (20 hours per week) to research in the priority areas. Note: PhDs may qualify for this program if their research is within the scope of the priorities. See full announcement for further details.

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-083.html>

Encourages qualified health professionals to participate in NIH mission-relevant research in exchange for up to \$35,000 annually toward the repayment of educational loans. The LRP has five different programs, all designed to encourage highly qualified health professionals to pursue research careers in clinical, pediatric, health disparities, or contraception and infertility.

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>.

Thoracic Surgery Foundation for Research and Education - Nina Starr Braunwald Career Development Award

- **Deadline:** October 15, 2008
- **Amount:** \$55,000 per year, for up to two years.
- **Eligibility:** Open to women cardiac surgeons in an academic cardiac surgery unit. Applicants must have a senior mentor who is an established investigator in cardiac surgery, cardiology or allied disciplines. See full announcement for further details.

<http://www.tsfre.org/Awards/NinaBraunwald.html>

The award is intended to provide salary for the recipient and/or direct research support (equipment, supplies, technical assistance) for women who wish to further their investigational skills.

Thoracic Surgery Foundation for Research and Education - Research Grants

- **Deadline:** October 15, 2008
- **Amount:** Up to \$30,000 per year for up to two years.
- **Eligibility:** Any thoracic surgeon who has completed a program leading to certification by the American Board of Thoracic Surgery or its equivalent in a country outside of the United States or who will successfully complete such training by the grant start date. See full announcement for further details.

<http://www.tsfre.org/Awards/grants.html>

These grants are intended to support the costs of original research. Preference will be given to either clinical or laboratory based investigations that are judged likely to generate data that will, in turn, facilitate subsequent funding support for the applicant.

Thoracic Surgery Foundation for Research and Education - Research Fellowships

- **Deadline:** October 15, 2008
- **Amount:** Up to \$35,000 per year for up to two years.
- **Eligibility:** Any general surgical trainee who intends to pursue a career in investigative thoracic surgery; thoracic surgical trainees whose program director indicates that the applicant will be allowed not less than 80% protected time for research; or thoracic surgeons who have completed their training but wish to acquire an investigative education with a specified mentor. See full announcement for further details.

<http://www.tsfre.org/Awards/Fellowships.html>

These awards are designed to provide salary and/or direct experimental support for surgeons and surgical trainees who wish to acquire investigational skills.

Thoracic Surgery Foundation for Research and Education - Career Development Award

- **Deadline:** October 15, 2008
- **Amount:** Up to \$50,000 per year for up to two years.
- **Eligibility:** Applicants must have completed thoracic surgical training and be able to demonstrate that they hold a position in an investigation-oriented environment. See full announcement for further details.

<http://www.tsfre.org/Awards/CareerDevelopment.html>

These awards are designed to provide salary support for the development of cardiothoracic surgical investigators. Preference is given to investigators (either clinical or laboratory based) that are able to demonstrate unique potential for a successful career in investigative cardiothoracic surgery.

American Liver Foundation – Multiple Opportunities

- **Deadline:** October 16, 2008
- **Amount:** Varies per award – See below & full announcement.
- **Eligibility:** Varies per award – See below & full announcement.

<http://www.liverfoundation.org/healthcare/grants/>

Alagille Syndrome Seed Grant: Supports a faculty member at any academic level initiating a new area of investigation related to Alagille Syndrome. The proposed investigations may involve basic or clinical research. This research should lead to the submission of a successful application for support from the NIH or other agencies. Research projects include, but are not limited to pathophysiological studies, clinical trials or data analysis, and the application or assessment of new diagnostic and/or therapeutic modalities. Of particular interest are projects involving direct

interaction with patients or with patient-derived specimens or data. A two-year award of \$50,000 per year.

Liver Scholar Award: To help bridge the gap between their completion of research training and attaining status as independent research scientists, and ensure their ability to compete for research grants from national sources, particularly the National Institutes of Health (NIH). Applications on all research topics, including biliary atresia (BA), cystic fibrosis, Primary Biliary Cirrhosis (PBC), and viral hepatitis are encouraged. A three-year award of \$75,000 per year.

Postdoctoral Research Fellowship: MD, PhD and MD/PhD postdoctoral fellows in their first or second year of appointment, and who seek professional development, additional training, and experience in liver disease research. Applications on all research topics, including, autoimmune hepatitis, hepatitis C, pediatric liver diseases, Primary Sclerosing Cholangitis (PSC), and transplantation, are encouraged. A one-year award of \$12,500.

National Organization for Hearing Research (NOHR) Foundation – Annual Research Awards

- **Deadline:** October 17, 2008
- **Amount:** \$20,000
- **Eligibility:** Clinicians and researchers qualified in the field of auditory science may apply. Applications from researchers in other disciplines who will conduct research directly relevant to auditory science are also encouraged.

<http://www.nohrfoundation.org/Pages/2002%20research%20grants.html>

The National Organization for Hearing Research Foundation will award grants, primarily in the form of seed money, for exploration into innovative biomedical research areas in the preventions, causes, treatments and cures of hearing loss and deafness. NOHR encourages proposals related to biological restoration of hearing.

Hartford Geriatrics Health Outcomes Research Scholars Awards Program

- **Deadline:** Internal: October 17, 2008 / Agency: December 8, 2008
- **Amount:** \$100,000 per year for two years
- **Eligibility:** Have a MD or DO degree; hold a full-time faculty appointment at the level of assistant professor for no longer than two years at the time the grant becomes effective. Demonstrate the motivation and ability to devote the majority (75%) of his or her time to conduct related research. There are further eligibility requirements, please see full announcement for further details). Applicants must obtain permission from the dean of the medical school to apply for this award – see below for further details.

<http://www.healthinaging.org/hartford/award.asp>

Supports physician-scientists committed to improving the health care of older adults during the critical transition from junior faculty to independent researcher. Research must be focused on older adults and may address clinical strategies and effectiveness, innovative outcomes measures, and quality of life. Hartford Outcomes Scholars must have a research sponsor who has a strong background in training and outcomes research, as well as expertise and interest in the outcomes research that is being proposed.

****Limited Submission:** Please note this opportunity requires internal coordination since the number of applications is limited. OHSU may authorize the submission of no more than one application in each eligible discipline. No institution will receive more than two awards in any given year. If you intend to apply, complete a limited submission form at <http://ozone.ohsu.edu/research/rda/funding/lmsubform.php> before the internal deadline.

American Dental Education Association ADEA/ Zimmer - Dental Implant Education Teaching Award

- **Deadline:** Internal: October 17, 2008 / Agency: December 8, 2008
- **Amount:** \$25,000
- **Eligibility:** Limited submission - the sponsoring agency expects all who are interested will submit together, see further details below.

http://www.adea.org/professional_development/adea_scholarships_awards_fellowships/Pages/default.aspx

In recognition of an institution and dental educator team that has demonstrated a commitment to excellence and innovation in the field of implant dentistry education.

****Limited Submission:** Please note this opportunity requires internal coordination since the sponsoring agency expects all who are interested will submit together. If you intend to apply, complete a limited

submission form at <http://ozone.ohsu.edu/research/rda/funding/lmsubform.php> before the internal deadline.

American Health Assistance Foundation - National Glaucoma Research (NGR) Program

- **Deadline:** October 27, 2008
- **Amount:** Up to \$100,000
- **Eligibility:** Must be an independent researcher and hold the academic rank of Assistant Professor or equivalent, or higher. Must be permitted to supervise any additional personnel named in the application.

<http://www.ahaf.org/glaucoma/research/glresrch.htm>

The American Health Assistance Foundation awards grants for basic research on the causes of or treatments for age-related and degenerative diseases. The foundation's National Glaucoma Research program supports basic research into the causes and potential treatments of glaucoma.

American Society of Health-System Pharmacists (ASHP) Foundation - Pharmacy Resident Practice-Based Research Grant

- **Deadline:** October 31, 2008
- **Amount:** \$5,000
- **Eligibility:** Proposed research must involve practice-based research in medication use that is conducted by a pharmacy resident in an ASHP-accredited residency program or a pharmacy resident in a residency program that has submitted an application for ASHP accreditation. The principal investigator must have a senior investigator participate on the research team as a mentor/advisor. In the application process and grant progress reports, evidence must be included regarding the support and involvement of the senior investigator. The proposed study must be submitted to an institutional review board (IRB) for approval.

<http://www.ashpfoundation.org/MainMenuCategories/ResearchResourceCenter/FundingOpportunities/PharmacyResidentPracticeBasedResearchGrant.aspx>

Supports practice-based research in medication use conducted by residents in ASHP-accredited pharmacy residency programs and residents in pharmacy residency programs that have submitted an application for ASHP accreditation. Practice-based research affects a wide range of medication-use topics, including patient education; patient outcomes and effectiveness of medication therapy; health care quality; medication use in minority, elderly and other special populations; medication costs and financing; information for health care policymakers; and access to medications.

USA to Australia Fellowships

- **Deadline:** October 31, 2008
- **Amount:** \$20,000
- **Eligibility:** Applicants must be US citizens or permanent residents doing research or study at the graduate level.

<http://www.aaanyc.org/Educational/usa-australia.php>

The American Australian Association Education Fund awards individual Fellowships of up to US \$20,000 each year in its USA to Australia Program. The Association encourages intellectual interchange and the Fellowships are intended to build on the strong social and economic partnership between Australia and the United States.

American Association of Neurological Surgeons (AANS)/Neurosurgery Research and Education Foundation (NREF) Young Clinician Investigator Award

- **Deadline:** October 31, 2008
- **Amount:** \$40,000
- **Eligibility:** Applicants must be physicians or neurosurgeons who are full-time faculty in North American teaching institutions and in the early years of their careers.

http://www.aans.org/research/fellowship/nref_y.asp

The purpose of the award is to fund pilot studies that provide preliminary data used to strengthen applications for more permanent funding from other sources.

American Psychiatric Association (APA)/AstraZeneca Young Minds in Psychiatry Awards

- **Deadline:** October 31, 2008
- **Amount:** \$45,000

- **Eligibility:** Open to international young psychiatrists within 5 years of completing a psychiatric residency.

<http://youngminds.astrazeneca.com/node/home.aspx>

To recognize and support promising international young psychiatrists within 5 years of completing a psychiatric residency.

Academy of Osseointegration (AO)/3i Dental Implant Research Grant

- **Deadline:** October 31, 2008
- **Amount:** \$15,000
- **Eligibility:** Restricted to members of the Academy of Osseointegration. There is no age or citizenship requirement.

<http://www.osseo.org/resources/grants.htm>

The purpose of this grant is to provide support for research in the behavioral, biologic, biomechanical or biomaterial aspects of dental implants. Applicants that address areas of research to enhance the public acceptance of implants are welcome.

American Association of Neurological Surgeons (AANS) - Research Fellowship for Neurosurgery Residents

- **Deadline:** October 31, 2008
- **Amount:** \$70,000
- **Eligibility:** Applicants must be M.D.s who have been accepted into, or who are currently in, approved residency training programs in neurological surgery in North America.

<http://www.aans.org/research/fellowship/nref.asp>

The Research Fellowship provides training for neurosurgeons who are preparing for academic careers as clinician investigators.

Bill & Melinda Gates Foundation – Grand Challenges Explorations Round II

- **Deadline:** November 2, 2008
- **Amount:** \$100,000 each, and projects showing promise will have the opportunity to receive additional funding of \$1 million or more.
- **Eligibility:** Anyone can apply, regardless of education or experience level. **Registration is required prior to the submission of a proposal.** Visit the website for further details. This opportunity requires tracking & clearance through the OHSU foundation prior to applying – see below for details.

<http://www.gcgh.org/explorations>

To help scientists across the globe pursue unconventional & innovative global health solutions that have never before been tested for solving major health problems. The foundation modified the topics from Round 1 and added two additional topics. The foundation will no longer require applicants to register for a topic in advance of submitting their proposals. This funding round of Grand Challenges Explorations will consider proposals in the following topic areas:

- Create new vaccines for diarrhea, HIV, malaria, pneumonia, and tuberculosis – NEW!
- Create new tools to accelerate the eradication of malaria – NEW!
- Create new ways to protect against infectious diseases
- Create drugs or delivery systems that limit the emergence of resistance
- Create new ways to prevent or cure HIV infection
- Explore the basis for latency in tuberculosis

****OHSU Foundation Proposal Tracking & Clearance Form required:** While this is an open RFA, this opportunity requires a completed OHSU Foundation tracking and clearance form:

<http://ozone.ohsu.edu/research/rda/funding/clearance.shtml#foundation>. This form is for tracking purposes only.

Lawrence Livermore National Laboratory (LLNL) - Lawrence Fellowship

- **Deadline:** November 3, 2008
- **Amount:** Starting salary of \$8,092 per month.
- **Eligibility:** Must either be in the process of completing their Ph.D. (within one year and employment may not start until Ph.D. requirements have been verified), or have received their Ph.D. degree within five years of being hired as a Lawrence Fellow. Although US citizenship is

not required for application, candidates should be well versed on their current visa status (if any), and be prepared to provide this information should they be selected as a potential fellow.

<https://fellowship.llnl.gov/>

To pursue cutting-edge science and stimulate cross-fertilization of ideas. Fellowships are awarded to candidates with exceptional talent, scientific track records, and potential for significant achievements. Typically two to four fellowships are awarded each year. The fellows may participate in experimental and/or theoretical work at LLNL. They will have access to LLNL's extensive computing facilities, specialized laboratory facilities and field equipment. Additional details are provided in the links below. The fellows will most likely conduct their research in a collaborative, multidisciplinary manner with others in a team environment. A senior staff scientist will serve as a mentor to each of the fellows. The fellows' primary residence will be in the mentor's organization.

The Medical Foundation - Klarman Family Foundation Grants Program in Eating Disorders Research

- **Deadline:** Letter of Intent Deadline: November 20, 2008 / Full Proposal: Invitation Only
- **Amount:** Up to \$400,000 over two years.
- **Eligibility:** Hold a faculty appointment. Eligibility is not limited to those investigators currently working in eating disorders research.

<http://www.tmfnet.org/grantmake.html#klarman>

To expand the number of outstanding scientists whose research explores the basic biology of anorexia nervosa, bulimia nervosa and/or binge eating disorder. The long term goal is to accelerate progress in developing effective treatments for these disorders. Examples of funding areas include but are not limited to molecular genetic analysis of relevant neural circuit assembly and function; animal models created by genetically altering neural circuits; testing of new chemical entities that might be used in animal models as exploratory treatments; and brain imaging approaches that identify neurochemical pathways in patients with these disorders.

Juvenile Diabetes Research Foundation (JDRF) - Scholar Award

- **Deadline:** December 1, 2008
- **Amount:** \$250,000
- **Eligibility:** Intended for researchers who hold an academic degree (D.M.D., D.O., D.V.M., M.D., Ph.D., or equivalent) in a scientific discipline and who also hold an independent investigator position at a university, health-science center, or comparable institution. The candidate will typically have at least ten years of relevant experience since receiving his/her degree. Prior research investigation in the field of type I Diabetes is not mandatory. No citizenship requirements apply to the JDRF Scholar Award. If selected, investigators must show evidence of institutional infrastructure support.

http://www.jdrf.org/index.cfm?page_id=103214

Provides sustained support for pioneering basic or clinical research aimed at fulfilling the goals of JDRF—finding a cure for type 1 diabetes or its complications. The Scholar Award is designed to support individual scientists of exceptional creativity who propose pioneering research to reach these goals. The Scholar Award, which is JDRF's most prestigious award, will fund investigators with extraordinary talent and vision, who are willing to take risks and attempt new approaches to accelerate type 1 diabetes research. The Scholar Award is meant to support outstanding investigators who intend to pursue new research directions that are not funded from other sources. The awards are not meant simply to expand the funding of persons already well supported for exploring this concept.

Federal Opportunities

Biomedical Technology Research Resource (P41)

- **Deadline:** Standard dates apply – See full announcement
- **Eligibility:** Only those with current P41 awards from NCRR or those who have been approved through the X02 pre-application process can submit an application under this FOA.

<http://grants.nih.gov/grants/guide/pa-files/PAR-08-259.html>

For development of national Biomedical Technology Research Resources. These Resources conduct research and development on new technology and new/improved instruments driven by the needs of basic, translational, and clinical researchers. The Resources are charged to make their technologies

available, to train members of the research community in the use of the technologies, and to disseminate these technologies and the Resource's experimental results broadly.

International Cooperative Biodiversity Groups (ICBG) [U01]

- **Deadline:** Internal Deadline: October 10, 2008 / Agency Deadline: November 20, 2008
- **Eligibility:** Only one application from any single institution will be reviewed. However, a single institution may submit an application as the lead institution and be a subcontractor (Associate Program) on another.
- **Amount:** Up to five years and a budget for direct costs up to \$600,000 per year.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-TW-08-010.html>

This opportunity is a joint collaboration between the NSF, NIH, and Dept. of Energy to address the interdependence of biodiversity exploration for potential applications in health and energy, with investments in research capacity that support sustainable use of these resources, the knowledge to conserve them, and equitable partnership frameworks among research and development organizations in the U.S. and low and middle income countries.

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

Pre-application for a Biomedical Technology Research Resource (X02)

- **Deadline:** December 2, 2008, April 2, 2009, and August 6, 2009

<http://grants.nih.gov/grants/guide/pa-files/PAR-08-260.html>

For pre-applications for national Biomedical Technology Research Resources (BTRR). A BTRR conducts research and development on new technology and new/improved instruments driven by the needs of basic, translational, and clinical researchers. The Resources are charged to make their technologies available, to train members of the research community in the use of the technologies, and to disseminate both these technologies and the Resource's experimental results broadly.

Revision Award Mechanism for Support of Animal and Biological Materials Resources (ABMR) to Develop Translational Pilot Projects with Investigators at Clinical and Translational Research Institutions (P40, P51, U42)

- **Deadline:** December 2, 2008
- **Eligibility:** Principal investigators (PIs) will hold a current NCCR funded P40, P51, or U42 award with greater than one-year of non-competing funding remaining at time of application submission. These individuals must have the skills, knowledge, and resources necessary to carry out the proposed research and to work with their institution/organization to develop an application for support.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-08-011.html>

For pilot translational research projects aimed at creating new or strengthening existing scientific interactions between (1) NCCR supported Animal and Biological Materials Resources (ABMR, http://www.ncrr.nih.gov/comparative_medicine/) and (2) nationally-oriented clinical and translational research institutions. The goal is to explore the potential for future collaborative research interactions utilizing approaches and models that would be competitive for future research funding. This is a one-time supplement with a potential for future similar announcements with an expansion in scope.

NIH/Fogarty Clinical Research Training Scholars and Fellows Program

- **Deadline:** December 8, 2008
- **Eligibility:** Applicants must have a strong interest in, and potential for, a career in international health activities and/or clinical research. Applicants must have an advanced standing in a U.S. medical or osteopathic school; or enrollment in a doctoral level program at a U.S. school of public health, nursing, dentistry or other school in the health sciences where global health research may be a career goal. Applicants must have strong academic records and must be U.S. citizens or permanent U.S. residents. Medical and osteopathic students must have completed their basic science courses and one year of clinical clerkship; public health and other doctoral students must have completed their master's degree coursework prior to beginning the fellowship. Applicants must have support of their home academic institution, including a committed mentor who will continue to work with the student after return to the home institution.

http://www.fic.nih.gov/programs/training_grants/nih_fogarty.htm

The Scholars Program offers US graduate students in the health sciences hands-on experience at top-ranked, NIH-funded research centers abroad. The Fellows program offers an opportunity for young investigators (within 3 years of obtaining a doctorate degree) to develop and conduct a specific research training proposal with an overseas site. For further information please contact the OHSU Global Health Center ([Cate Bishop](mailto:Cate.Bishop@ohsu.edu) at 503-494-0387).

Non-NIH Opportunities

National Science Foundation - Ecology of Infectious Diseases (EID)

- **Deadline:** December 10, 2008
- **Amount:** Up to £800,000
- **Eligibility:** The EID program encourages collaborative projects involving U.S. scientists and social scientists from the U.K. Such projects must include a substantial focus on the roles of socio-ecological factors and processes on disease transmission dynamics. Projects with a substantial social science component in any field relevant to the EID program are welcome. Individuals considering submitting a proposal as a U.S.-U.K. Collaborative Project are strongly encouraged to contact the ESRC Cognizant Program Officer to confirm that the social science component is appropriate and sufficiently substantive.

<http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&opId=18330>

To understand the ecological and socio-ecological determinants of transmission by vectors or abiotic agents, the population dynamics of reservoir species, the transmission to humans or other hosts, or the cultural, social, behavioral, and economic dimensions of disease communication. Proposals for research on disease systems of public health concern to developing countries are strongly encouraged. See full announcement for further details.