

WEEKLY FUNDING ALERTS Week of 04.15.10

Featured Funding Opportunities

[Society for Neuroscience \(SfN\) – Jacob P. Waletzky Memorial Award for Innovative Research in Drug Addiction & Alcoholism](#)

Description: Annually awarded to a scientist who has conducted research, or plans to conduct research, in the area of substance abuse and the nervous system.

Deadline: June 11, 2010

Amount: \$25,000

Eligibility: Nominations must be made or endorsed by an SfN member. If the nominator is not a SfN member, the nomination package must include a letter of endorsement from a current Society member. Nominees do not have to be SfN members. Eligible candidates must have received an advanced professional degree within the past 15 years.

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](#).*

[Muscular Dystrophy Association – Research Infrastructure Grant \(TRIG\)](#)

Description: Designed to fund the development of infrastructure—tools, techniques or services—that will be of use to the neuromuscular disease research community for the purpose of therapy development. Although the need for the proposed infrastructure can be presented in the context of a specific research project or projects, the grant will ultimately be evaluated on the need for the infrastructure by the community at large, and on the applicant's specific plan for making this resource available to the community. Collaboration and compatibility of the proposal with relevant existing infrastructure is encouraged. Examples of acceptable infrastructure projects include, but are not limited to, development of databases, core facilities (e.g., vector production, muscle imaging, drug screening), microarray chips, animal model resources, tissue repositories, and components of clinical research networks.

Deadline: Letter of intent (required): April 23, 2010 and September 15, 2010 / Full application: May 15, 2010 and October 15, 2010

Amount: Not specified.

Eligibility: The applicant should be a professional or faculty member at an appropriate educational, medical or research institution, who is qualified to conduct and supervise a program of original research. The applicant should hold a Doctor of Medicine, Doctor of Philosophy, Doctor of Science or equivalent degree.

[American Psychological Foundation \(APF\) – Violence Prevention and Intervention Grant](#)

Description: For the application of psychological science, with regard to violence, its prevention, and intervention strategies, within the community. This opportunity also aims to support the implementation of innovative community programs aimed at preventing violence.

Deadline: June 1, 2010

Amount: \$20,000

Eligibility: Applicants must be 501(c)(3) nonprofit organizations or educational institutions or affiliated with such an organization. Special consideration will be given to programs with a strong foundation in violence prevention and intervention research and those that have, or show promise for broad-based community support.

[American College of Surgeons \(ACS\) – Traveling Fellowship to Japan](#)

Description: To encourage international exchange of surgical scientific information. The ACS Traveling Fellow will visit Japan, and a Japanese Traveling Fellow will visit North America. The fellow is required to:

- Spend a minimum of two weeks in Japan;
- To attend and participate in the annual meeting of the Japan Surgical Society, which will be held in Tokyo, Japan, May 26 to 28, 2011;
- To attend the Japan ACS Chapter meeting during that congress; and
- To visit at least two medical centers (other than the annual meeting city) in Japan before or after the annual meeting of the Japan Surgical Society to lecture and to share clinical and scientific expertise with the local surgeons.

Deadline: June 1, 2010

Amount: \$7,500 and exemption from registration fees for the annual meeting of the Japan Surgical Society. The fellow is to make his/her own travel arrangements.

Eligibility: The scholarship is available to a fellow in most of the surgical specialties who holds a current full-time academic appointment in Canada or the U.S., and is under 45 years of age on the day the application is filed.

[The Damon Runyon Cancer Research Foundation – Rachleff Innovation Award](#)

Description: Provides support for the next generation of exceptionally creative thinkers with "high risk/high reward" ideas that have the potential to significantly impact our understanding of and/or approaches to the prevention, diagnosis or treatment of cancer. The Innovation award is specifically designed to provide funding for extraordinary early career researchers who have an innovative new idea but lack sufficient preliminary data to obtain traditional funding. It is not designed to fund incremental advances. The research supported by the award must be novel, exceptionally creative and, if successful, have the strong potential for high impact in the cancer field.

Deadline: Pre-proposals (required): June 1, 2010 / Full proposals (by invitation only): September 3, 2010

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

Eligibility: Applicants must be Assistant Professors (tenure-track) or equivalent within the first three years of obtaining their initial Assistant Professor position, Clinical Instructors (or equivalent) and Senior Clinical Fellows who are pursuing a period of independent research before taking a faculty position, or Senior Postdoctoral Fellows and highly motivated recent PhD and MD graduates who are pursuing a period of independent research before taking a faculty position. U.S. and non-U.S. citizens are eligible, but research must be conducted in the U.S.

[Muscular Dystrophy Association – Research and Development Grants](#)

Description: For developing treatments for the muscular dystrophies and related diseases of the neuromuscular system. This includes: the muscular dystrophies (among which are Duchenne and Becker); motor neuron diseases (including ALS and SMA); the peripheral nerve disorders (CMT and Friedreich's ataxia); inflammatory myopathies; disorders of the neuromuscular junction; metabolic diseases of muscle as well as other myopathies. Please see [diseases](#) for complete list.

Deadline: Letter of intent (required): June 15, 2010 / Full application: July 15, 2010

Amount: Funding levels for primary Research Grants are unlimited. Development grants are a maximum of \$60,000 per year. Awards are for either one, two or three years for all grant types.

Eligibility: Eligibility varies for each opportunity – See full announcement for more information. Applicants for both opportunities must hold a Doctor of Medicine (M.D.), Doctor of Philosophy (Ph.D.), Doctor of Science (D.Sc.) or equivalent degree (i.e. D.O.)

Ovarian Cancer Research Fund – Multiple Opportunities

- [Program Project Development Grants](#) – Provides funds for ovarian cancer research projects that may involve several investigators within one institution or collaborations between groups in multiple institutions. Areas of emphasis include screening and early detection, etiology and prevention, molecular therapeutics, cancer biology and genetics. The primary review criteria will be the likelihood that the investigators can leverage this funding to compete successfully for an National Cancer Institute (NCI) or Department of Defense (DOD) funded program project grant,

Specialized Programs of Research Excellence (SPORE) or similar award in the future. || **Amount:** \$300,000 per year for three years. || **Eligibility:** The PI and other investigators must have full-time faculty appointments in a school of medicine or public health or recognized non-profit scientific research facility. They should not currently be in a training program.

- [Liz Tilberis Scholars Award](#) – For junior faculty with a strong commitment to an investigative career in the field of ovarian cancer research. The intent of these awards is to support a substantial time commitment to research and academic endeavors in ovarian cancer. The selection committee will consider most favorably applications that are creative, original, and hold the most promise in the areas of early detection, prevention, treatment, and translational ovarian cancer research. || **Amount:** \$150,000 per year for three years. || **Eligibility:** Candidates must have an M.D. or Ph.D. degree and should be in their first academic appointment after having completed their fellowship or post-doctoral training. Individuals who will begin such a position by July 2010 are eligible for this award.
- [Ann Schreiber Research Programs of Excellence](#) – Provides funding for trainees who are working under the supervision of a mentor who is a recognized leader in the field of ovarian cancer research. || **Amount:** \$75,000 total for one to two years. || **Eligibility:** Applicants must be clinical fellows (Gynecologic Oncology, Medical Oncology) or postdoctoral fellows. Candidates for this program must have an M.D. or Ph.D. degree. Applicants should be involved in either laboratory, clinical, or epidemiology research. The research leader who will serve as the mentor should have significant independent ovarian cancer research funding.

Deadline: June 25, 2010

[Prince Mahidol Award Foundation under the Royal Patronage – Prince Mahidol Award](#)

Description: For individuals or institutions which have demonstrated outstanding and exemplary contributions to the advancement of medical and public health services for humanity throughout the world.

Deadline: June 30, 2009

Amount: \$50,000

Eligibility: An individual or group of individuals or an institution may be nominated by national medical or health authorities or by individual or group of individuals in nongovernmental capacity.

American Tinnitus Association (ATA) – Research Grants

- [Research Grant](#) – Financially supports scientific studies investigating tinnitus. Studies must be directly concerned with tinnitus and contribute to ATA's goal of finding a cure. || **Amount:** \$50,000 per year for three years. || **Eligibility:** Scientists and doctors worldwide who are seeking tinnitus-related research funding and are affiliated with non-profit institutions are eligible.
- [Student Research Grant](#) – Financially supports students who are investigating tinnitus. Studies must be directly concerned with tinnitus and contribute to ATA's goal of finding a cure. || **Amount:** \$10,000 for one year. || **Eligibility:** Doctoral students, including Ph.D. and Au.D. candidates, or medical residents affiliated with an American (U.S.) non-profit institution are eligible. Each candidate must have a qualified mentor supporting their research.

Deadline: June 30, 2010

Scleroderma Foundation – New and Established Investigator Grants

- [New Investigator Grant](#) – For promising new investigators who hold faculty or equivalent positions and who wish to pursue a career in research related to systemic sclerosis (SSc, scleroderma.) This grant will support promising research that is likely to lead to individual research project grants. Before completion of this grant, investigators are encouraged to seek continuing support for research through other grant mechanisms through private or government agencies. || **Amount:** Up to \$50,000 per year for three years, non-renewable. || **Eligibility:** Applicants must have a doctoral degree in Medicine, Osteopathy, Veterinary Medicine or one of the sciences and must have completed a postdoctoral fellowship by the grant award date. These new investigator grants may not be used to support thesis or dissertation research or fellowship training. Applications may be submitted by domestic non-profit organizations, public and private such as universities, colleges, hospitals and laboratories. Foreign organizations and institutions are not eligible. Applicants who have been a PI on grants from the Scleroderma Foundation or

other national, private or government agencies other than fellowship grants are not eligible for this award.

- **Established Investigator Grant** – To facilitate highly innovative or highly relevant and meritorious pilot projects by established investigators in areas of research related to SSc that will culminate in more substantial funding from Federal or non-federal granting agencies such as the National Institutes of Health, National Science Foundation and the Department of Defense or Veterans Affairs. || **Amount:** Up to \$75,000 per year for two years, non-renewable. || **Eligibility:** Applicants must have a doctorate degree in Medicine, Osteopathy, Veterinary Medicine or one of the sciences, must have completed a postdoctoral fellowship, have been the PI on grants from the Scleroderma Foundation or other national, private or government agencies in the past. Applications may be submitted by domestic non-profit organizations, public and private such as universities, colleges, hospitals and laboratories. Foreign organizations and institutions are eligible.

Deadline: September 15, 2010

NIH Federal Opportunities

NEW NIH FORMATTING REQUIREMENTS ARE NOW IN EFFECT: A new version of the [PHS 398 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.

[Child Health Research Career Development Award \(CHRCDA\) Program \[K12\]](#)

Description: For institutional research career development programs (K12) that support the career development of junior faculty who have recompleted postgraduate clinical training in Pediatrics, and who are committed to launching an independent research career. The program provides supervised research training to assist junior faculty in their transition into productive, physician scientists in areas related to pediatrics and its subspecialties.

Deadline: Internal: April 23, 2010 / External: June 9, 2010

Amount: \$400,000 per year for up to five years.

Eligibility: *Limited submission* – See below and full announcement. Only one application per institution may be submitted. The CHRCDA PI must be the Chair of the Department of Pediatrics or equivalent. The Training Director (TD) must possess the educational and scientific expertise, leadership, and administrative capabilities required to coordinate and supervise a multidisciplinary research and career development program of this scope. At the time of appointment to the K12 Program, candidates for CHRCDA Scholars must:

- Be a pediatrician holding the M.D. degree;
- Have completed postgraduate residency training in pediatrics;
- Be in the final research year of postdoctoral fellowship training in pediatrics and no more than 4 years after attaining board eligibility in their subspecialty;
- Identify an approved mentor or mentors with extensive research experience; and
- Not be or have been a PI on an R01, R29, U01, or subproject of a Program Project (P01), Center (P50, P60, U54) grant, individual mentored career development award (e.g., K01, K08, K22, K23, K24, K25, K99), or other equivalent research grant awards. Individuals who are or were PIs on NIH Small Grants (R03s) or Exploratory/Developmental Grants (R21s) remain eligible, providing they meet the other eligibility requirements.

Limited Submission: *Please note this opportunity requires internal coordination since an institution may 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.*

The National Eye Institute (NEI) Mentored Clinical Scientist Development Program Award (K12)

Description: To facilitate and support the career development of clinical vision scientists who have made a commitment to independent research careers. It is expected that scholars appointed to the program will subsequently apply for their own individual research support.

Deadline: Internal: April 23, 2010 / External: June 3, 2010

Amount: Up to \$1,125,000 per year for up to five years.

Eligibility: *Limited submission* – See below and full announcement. Applicant institutions may submit only one application. The proposed PD/PI should possess the scientific expertise, leadership, and administrative capabilities required to coordinate and supervise an interdisciplinary career development program relevant to vision research. Appointees must hold a clinical doctorate (such as DO, DVM, MD, MD/PhD, OD, or PhD) and must have completed their clinical training (i.e., completed residency/fellowship and are board-eligible).

Limited Submission: *Please note this opportunity requires internal coordination since an institution may submit only 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.*

Pelvic Floor Disorders Network Data Coordinating Center (U01) and Clinical Sites (U10)

Description: For collaboration with the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) on an ongoing multi-center clinical program designed to study clinical and health aspects of pelvic floor disorders in women. Clinical and health aspects of pelvic floor disorders include surgical and nonsurgical treatments, social and behavioral contributions, pharmacologic therapies, any outcomes from the broad array of treatments available, and prevention efforts, among others. Particular attention will be paid to develop innovative solutions to the challenging problems in women with pelvic floor disorders and to reduce the burden of pelvic floor disorders for women and their families. The objective of this program is to facilitate resolution of these problems by establishing a network of academic centers that can study the required numbers of patients under rigorous common protocols and then provide answers more rapidly than individual centers acting alone.

Deadline: July 30, 2010

Amount: Data Coordinating Centers: \$4.09 million total for up to five years. Clinical sites: \$215,000 per year for up to five years.

Eligibility: The PI for the Data Coordinating Center must have senior leadership experience with multicenter randomized clinical trials, biostatistics, data management, data transmission, data analysis, and project management and have familiarity with the supportive role of a data coordinating center. The PI for a clinical site should be able to demonstrate the ability to treat urinary incontinence, fecal incontinence, and pelvic organ prolapse as well as other pelvic floor disorders both surgically and nonsurgically. Typically the PI would be a urogynecologist, but other specialties such as urology are eligible if they can demonstrate this expertise.

International Neuroscience Fellowship (F05)

Description: To advance the training of foreign neuroscientists and clinicians at the early or mid-career level, by enhancing their basic, translational or clinical research skills in the U.S. This program aims to strengthen the intellectual capital of neuroscience research in international institutions. Awardees are expected to pursue future independent and productive careers, which stimulate research in the neurosciences on a global scale.

Deadline: August 16, 2010; August 16, 2011; August 16, 2012

Amount: Varies – See full announcement.

Eligibility: Non-immigrant foreign scientists are eligible for this award. U.S. citizens, non-citizen nationals, or persons with U.S. permanent resident status are not eligible for this award. Applicants must have earned a doctoral degree (M.D., Ph.D., D.V.M., D.D.S., D.O., O.D., D.P.M., Sc.D., Eng.D., D.N.S., Pharm.D., D.S.W., Psy.D. or equivalent) in the biomedical, behavioral, or clinical sciences at an accredited U.S. or foreign institution. Foreign nationals who apply for this fellowship must have a visa that permits training or employment in the U.S. at the time that an award is made. Preference will be given to applicants from low- to middle-income countries. For the purpose of this opportunity, the [World Bank's criterion](#) for classifying Gross National Income will be employed to determine country income status and eligibility. See full announcement for additional eligibility requirements.

Planning Grants for Pivotal Clinical Trials in Hemoglobinopathies (R34)

Description: To support pilot studies to obtain data that is critical for the design of robust clinical trials in the hemoglobinopathies. Clinical trials in Phase II and/or III clinical trials in the major hemoglobinopathies, sickle cell disease (SCD), and the thalassemias are of particular interest. Examples of research and experimental approaches that are being sought include but are not limited to those listed below:

- Perform interventional or observations studies to determine the appropriate study population, intervention, or outcome in subjects with SCD or the thalassemias.
- Collect information necessary to estimate the sample size, effect size, attrition rate, or response rate in subjects with SCD or thalassemia.
- Refine the intervention.
- Test the feasibility of an outcome or intervention in the field.
- Determine whether adequate adherence to a treatment is achievable.
- Standardize and validate survey instruments.
- Standardize and test effectiveness of training tools.

Deadline: September 14, 2010

Amount: Up to \$450,000 total over a three-year period.

National Cancer Institute (NCI) Cancer Education and Career Development Program (R25)

Description: To support the development and implementation of institutional curriculum-dependent predoctoral/postdoctoral programs in the areas of cancer prevention and control, behavioral and population sciences research, nutrition, epidemiology, and/ or biostatistics.

Deadline: Standard dates apply – See full announcement.

Amount: Up to \$100,000 per year for up to five years.

Eligibility: The PI must have active, cancer-focused, peer-reviewed R01 or equivalent funding.

Identification and Characterization of Molecular Targets Within the mTOR Pathway With Potential to Impact Healthspan and Lifespan (R21)

Description: Encourages grant applications focused on: 1) identifying novel targets within the mTOR (mammalian target of rapamycin) signaling network, the manipulation of which has the potential to promote healthy aging, i.e. extend health span in the aged (National Institute on Aging interest); and 2) identifying and characterizing dietary constituents that modulate the mTOR pathway and promote cancer prevention (National Cancer Institute interest). Identification and characterization of targets can utilize a wide range of approaches, including medicinal chemistry, in vitro assays, and studies in lower organisms or mammalian models.

Deadline: Standard dates apply – See full announcement.

Amount: \$275,000 total for a two year period.

Non-NIH Federal Opportunities

Minor Use Minor Species Development of Drugs: Research Project Grant (R01)

Description: To support the development of new animal drugs for intended minor use in major species or in minor species (MUMS). Only new animal drug products that have been designated in accordance with the provisions of section 573 of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 360ccc-2) and 21 CFR Part 516 are eligible for grants. The purpose of this opportunity is to defray the costs of qualified safety and effectiveness testing when a grant will either result in, or substantially contribute to, approval or conditional approval of a designated MUMS drug.

Deadline: May 14, 2010, September 3, 2010, February 4, 2011, August 5, 2011

Amount: \$50,000 to \$100,000 per year for up to three years.

National Science Foundation (NSF) - Industry/University Cooperative Research Centers (I/UCRC)

Description: For participation in the I/UCRC program, as either an administrative lead or a partner research site. The I/UCRC program develops long-term partnerships among industry, academe, and government. The centers are catalyzed by a small investment from the NSF and are primarily supported by industry center members, with NSF taking a supporting role in the development and evolution of the

center. Each center is established to conduct research that is of interest to both the industry members and the center faculty. An I/UCRC not only contributes to the Nation's research infrastructure base and enhances the intellectual capacity of the engineering and science workforce through the integration of research and education, but also encourages and fosters international cooperation and collaborative projects.

Deadline: Letter of intent (required): June 26, 2010 / Full application: September 25, 2010

Amount: Varies – See full announcement.

Eligibility: Please note: Cost sharing is required for this opportunity – See full announcement for more information. The PI at any institution participating in an I/UCRC proposal must be a tenured faculty member. In general, institutions must have been awarded a planning grant before they are eligible to submit a full center proposal. NSF may waive this requirement if the institution wants to join an existing center, has the approval from the center director to join, and meets the minimum membership requirements to create a research site. For a new research center, eligible academic institutions must have a new research focus with potential industry members that differs significantly from those found in planned, current, and graduated I/UCRCs. Please see the I/UCRC center directory at <http://www.nsf.gov/eng/iip/iucrc/directory/index.jsp>. Institutions may participate as a research site with these centers.

National Science Foundation (NSF) – Opportunities for Promoting Understanding through Synthesis (OPUS)

Description: For synthesizing a body of related research projects conducted by a single individual or group over an extended period. OPUS proposals will often be appropriately submitted in mid-to-late career, but will also be early enough in a career to produce unique, integrated insight useful both to the scientific community and to the development of the investigator's future work. In cases where multiple scientists have worked collaboratively, an OPUS award will provide support for collaboration on a synthesis.

Deadline: July 7, 2010; January 2, 2011

Amount: \$125,000 to \$150,000 per year for two years.

Eligibility: Standard NSF eligibility requirements apply.

National Science Foundation (NSF) – Macrosystems Biology Grant

Description: For quantitative, interdisciplinary, systems-oriented research on biosphere processes and their complex interactions with climate, land use, and invasive species at regional to continental scales. Proposals should address the scales where the ecological research challenges are the greatest and where research has the greatest potential to transform the field of ecology by addressing scaling issues that have long hindered development of large-scale ecology. Projects should strive to provide a mechanistic understanding of how multiple scale dynamics contribute to the structure, functioning, and change of the biosphere, and lead to the development of a more predictive understanding of ecological change. Proposals should be well grounded in theory, include novel approaches that will result in a theoretical framework for a predictive understanding of macroscale biology, and shows great promise for enhancing basic theoretical understandings.

Deadline: September 16, 2010; April 4, 2011; and the first Monday in April, annually thereafter.

Amount: Varies – See full announcement.

Eligibility: Non-profit and academic research institutions in the U.S. are eligible to apply.