

## WEEKLY FUNDING ALERTS Week of 08.13.09

### Featured Funding Opportunity

#### Craig H. Neilsen Foundation - Multiple Opportunities

- **Basic Research Grants** - To improve the current treatment for acute and chronic spinal cord dysfunction. The Foundation is interested in, but not limited to, funding projects in the following basic research areas: Neuroprotection and/or the pathological mechanisms responsible for neuronal injury; Strategies to promote neuronal survival, axonal regeneration, synaptogenesis, myelination, functional connectivity; Transplantation strategies; Pharmacological therapies to improve function; Neurorobotics and other bioengineering strategies to improve function. || **Amount:** Up to \$125,000/year or up to \$250,000 for the entire project. || **Eligibility:** For individuals who are independent investigators. Junior faculty members, at the level of instructor or assistant professor, are encouraged to apply. Non-tenure track applicants should provide assurance from the appropriate administrative official (Chair or Director) that facilities and resources will be available during the period that the grant is active.  
**Postdoctoral Fellowship Grant** - To encourage training and specialization in the field of spinal cord injury. || **Amount:** Up to \$60,000/year or up to \$120,000 for the entire 2-year project. || **Eligibility:** Applicants must have a Ph.D., M.D., D.V.M. or other professional degree. Applicants should have a proven track record of research experience. The Foundation does not fund undergraduate or pre-doctoral students.
- **Preclinical and Clinical Grants** - The Foundation is interested in, but not limited to, funding projects in the following preclinical and clinical areas that are designed to improve the current treatment for acute and chronic spinal cord dysfunction: Pathophysiology of gait, reflexes and muscle; Complications of spinal cord injury including: bowel, bladder, sexual and other autonomic dysfunctions, respiratory dysfunction, neuropathic pain, pressure sores and osteoporosis; Novel treatment procedures. || **Amount:** Up to \$125,000/year or up to \$250,000 for the entire project. || **Eligibility:** For individuals who are independent investigators. Junior faculty members, at the level of instructor or assistant professor, are encouraged to apply. Non-tenure track applicants should provide assurance from the appropriate administrative official (Chair or Director) that facilities and resources will be available during the period that the grant is active.

**Deadline:** Letter of intent (required): September 9, 2009 / Full proposal (invitation only): December 2, 2009

**Eligibility:** Applicants may only apply for one grant per cycle with the Foundation and may hold only one Neilsen grant at any time.

### 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>.

#### National Organization for Hearing Research Foundation (NOHR) – Annual Research Award

**Description:** Funds are primarily given as seed monies for exploration into innovative research areas in the preventions, causes, treatments and cures of hearing loss and deafness. Foundation encourages proposals related to biological restoration of hearing.

**Deadline:** October 9, 2009

**Amount:** \$20,000 for one year.

**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.

#### National Organization for Hearing Research Fund – Two Year Sira Vascularis Project

**Description:** For a two-year project concerned with hearing loss whose underlying basis is a disruption of lateral wall homeostasis. The proposed studies should involve stria or spiral ligament pathologies that have a genetic, vascular or metabolic origin. Research with potential translational significance is encouraged.

**Deadline:** October 9, 2009

**Amount:** \$25,000 per year for up to two years.

**Eligibility:** Not specified.

#### [American College of Surgeons - Resident Research Scholarships](#)

**Description:** To support a research plan for two years. Priority will be given to the projects of residents involved in full-time laboratory investigation.

**Deadline:** September 1, 2009

**Amount:** \$30,000 per year for up to two years.

**Eligibility:** *Limited Submission at the Department Level* – See below & full announcement. For residents in surgery or a surgical specialty. Applicant must be a resident member of the College who has completed two postdoctoral years in an accredited surgical training program in the United States or Canada at the time the scholarship is awarded, July 1, 2010, and shall not complete formal residency training before June 2012. Scholarships do not support research after completion of the chief residency year. Supporting letters from the head of the department of surgery (or the surgical specialty) and from the mentor who will be supervising the applicant's research should be submitted.

*Limited Submission at the Department Level: Please note these opportunities require internal coordination since the Department of Surgery can only sponsor applicants. If you intend to apply, please contact the department/division head or chair.*

#### [Ronald McDonald House Charities – Global Grants](#)

**Description:** To provide grants and program services designed to make an immediate, positive impact on children in need around the world. The RMHC board of trustees is most interested in national or international organizations that have a specific program related to children's health and well-being. Organizations seeking funding should have a specific program that directly improves the health and well-being of children; addresses a significant funding gap or critical opportunity; has long-term impact in terms of replication or reach; and produces measurable results.

**Deadline:** Letter of intent (required): September 4, 2009 / Full proposal: Invitation only

**Amount:** Not disclosed.

**Eligibility:** Applicant must be designated a not-for-profit, tax-exempt charitable organization.

#### [Prevent Cancer Foundation - Grants & Fellowships](#)

**Description:** To prevent cancer through scientific research and education. The foundation defines cancer prevention as the "reduction of cancer incidence through research, education, and early detection." Proposals will be considered in the following categories: basic, clinical, translational, and population-based research projects; education programs in cancer prevention; early detection projects; and behavioral intervention projects.

- **Research Grant - Amount:** \$40,000 for two years. | **Eligibility:** Researchers at the instructor or assistant professor level. Senior researchers who have shifted their area of interest toward primary and secondary cancer prevention. Researchers at any academic level who need seed funding to test an innovative hypothesis. Researchers from non-profit institutions (including academic institutions) are eligible to apply. An eligible proposal must demonstrate substantial potential for impact on prevention or early detection of cancer.
- **Research Fellowship - Amount:** \$40,000 for two years. | **Eligibility:** Awards are limited to postdoctoral level applicants only. Therefore, only graduate students who will have their doctoral degree before the project start date are eligible to apply.

**Deadline:** September 14, 2009

#### [Scleroderma Foundation – New Investigator Grant](#)

**Description:** Seeks applications from 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.

**Deadline:** September 15, 2009

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

**Eligibility:** Applications may be submitted by domestic non-profit organizations, public and private such as universities, colleges, hospitals and laboratories. These new investigator grants may not be used to support thesis or dissertation research or fellowship training. 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. Applicants who have been a Principal Investigator on grants from the Scleroderma Foundation or other national, private or government agencies other than fellowship grants are not eligible for this award.

#### **Scleroderma Foundation – Established Investigator Grant**

**Description:** Seeks applications from promising established investigators both inside and outside the field of systematic sclerosis (SSc) research who wish to propose pilot studies to obtain preliminary data dealing with a highly innovative and/or highly relevant theme related to SSc. This grant will support pilot research that is likely to lead to more substantial unlimited research project grants from federal or non-federal sources.

**Deadline:** September 15, 2009

**Amount:** Up to \$75,000 per year for up to two years.

**Eligibility:** Applications may be submitted by domestic non-profit organizations, public and private such as universities, colleges, hospitals and laboratories. Applicants must have a doctorate degree in Medicine, Osteopathy, Veterinary Medicine or one of the sciences, must have completed a postdoctoral fellowship, have been Principal Investigator on grants from the Scleroderma Foundation or other national, private or government agencies in the past.

#### **Microsoft Corporation - Research PhD Fellowship**

**Description:** A two-year fellowship for outstanding PhD students in the areas of Computer Science, Electrical Engineering, or Mathematics.

**Deadline:** October 9, 2009

**Amount:** Stipend of \$28,000 annually plus 100% tuition and fees for two academic years.

**Eligibility:** *Limited Submission at the Department Level* – See below & full announcement. Applicants for the Microsoft Research PhD Fellowship Program must be nominated by their universities, and their nominations must be confirmed by the office of the chair of the eligible department. Direct applications from students are not accepted. Student must attend a United States or Canadian university and be enrolled in the Computer Science, Electrical Engineering, or Mathematics department (if your department is within the scope of these areas, but is titled differently, you are eligible). Students must be starting their second or third year in an eligible PhD program in the fall semester or fall quarter of 2009. A maximum of three applicants per eligible department, per eligible university will be accepted. The recipient must remain enrolled in a PhD program during the period of the award or forfeit the award.

*Limited Submission at the Department Level: Please note these opportunities require internal coordination since only the Department of Science & Engineering can sponsor up to three applicants. If you intend to apply, please contact the department/division head or chair.*

#### **Orthopaedic Research & Education Foundation (OREF) - Career Development Award in Total Joint and Trauma Surgery**

**Description:** To advance the training of the next generation of orthopaedists, specifically those who have a clinical or scientific interest in total joint surgery and/or trauma treatment.

**Deadline:** October 1, 2009

**Amount:** Up to \$50,000 for one year.

**Eligibility:** Candidate must be an orthopaedic surgeon currently completing formal orthopaedic surgical training, currently enrolled in advanced surgical training, or having completed formal training within the last four (4) years. This requirement is flexible if a sabbatical or leave of absence was taken during the candidate's early career; this will be evaluated on a case by case basis. If formal training was completed over four (4) years ago, please explain your circumstances. Candidate must be a permanent resident of North America, Central America or South America. The research or surgical training may be done at any institution of the candidate's choice. Candidate cannot receive a second Career Development Award in Total Joint and Trauma Surgery. Candidates are limited to one submission per individual per year.

### **Orthopaedic Research & Education Foundation (OREF) – Research Grant**

**Description:** Provides seed money and start-up funding for a new investigator doing work in the topic areas of stem cells and orthopaedic allograft research. Clinical relevance must be clearly demonstrated.

**Deadline:** October 1, 2009

**Amount:** Up to \$100,000 total for up to two years.

**Eligibility:** *Limited Submission at the Department Level* – See below & full announcement. The principal investigator or the co-principal investigator must be an orthopaedic surgeon. Ph.D.s and D.V.M.s are eligible if they are affiliated with an orthopaedic department and working with an orthopaedic surgeon who is the principal investigator or co-principal investigator.

**Limited Submission at the Department Level:** *Please note these opportunities require internal coordination since only the Department of Orthopaedics and Rehabilitation can only sponsor applicants. If you intend to apply, please contact the department/division head or chair.*

### **Orthopaedic Research & Education Foundation (OREF) - Research Grant in Adult Reconstruction**

**Description:** To encourage new investigators by providing seed and start-up funding for promising research in the topic area of adult reconstruction. Clinical relevance must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. Both laboratory and clinical projects are suitable, but in either case clinical relevance must be explicitly and clearly described.

**Deadline:** October 1, 2009

**Amount:** Up to \$85,000 total for up to two years.

**Eligibility:** *Limited Submission at the Department Level* – See below & full announcement. An orthopaedic surgeon, who is licensed to practice in the United States, must serve as either the principal or co-principal investigator. Non-orthopaedic surgeon M.D.s, Ph.D.s or D.V.M.s may serve as the principal or co-principal investigator, as long as they are affiliated with an orthopaedic department with an orthopaedic surgeon as the co-principal investigator. (A letter from the department chairman confirming this affiliation is required.) The principal investigator must be working at an institution in the United States. Applicants are limited to one submission per individual each year. OREF will fund only one Research grant per institution per year (but there is no limit to the number an institution can submit).

**Limited Submission at the Department Level:** *Please note these opportunities require internal coordination since only the Department of Orthopaedics and Rehabilitation can only sponsor applicants. If you intend to apply, please contact the department/division head or chair.*

### **Orthopaedic Research & Education Foundation (OREF) - Clinician Scientist**

**Description:** To encourage young surgeons to pursue a career as a clinician-scientist, with a special emphasis on continued research activity. The award will be made to an orthopaedic surgeon to allow the recipient to spend 40% or more of his or her time (two workdays each week) in research for a period of up to three years. It will provide a stipend to compensate for the projected loss of income that would result from devoting less time to clinical practice and more time to research, but no funds for the costs of the research itself. In return, the recipient is required to serve as a role model for orthopaedic residents, interns and medical students in the practice and science of musculoskeletal surgery, organize and participate in conferences, and work with students, interns and residents in the operating room.

**Deadline:** October 1, 2009

**Amount:** Up to \$85,000 total for up to two years.

**Eligibility:** *Limited Submission at the Department Level* – See below & full announcement. Candidate must be an orthopaedic surgeon working at an institution in the United States or Canada. Candidate must be in the first three years following completion of all formal training, including fellowship. During their medical school, resident, or fellowship careers, applicants must have exhibited qualities that indicate they are fit for, and committed to, an academic career. Candidate should be employed full time in an academic institution and must have shown excellent qualifications for teaching and research. Candidate may receive only one OREF grant of each type (Career, Research, Prospective Clinical or Clinician-Scientist). OREF will fund only one Clinician-Scientist Award per institution per year (but there is no limit to the number an institution can submit). Candidates must be of the highest moral and ethical character.

**Limited Submission at the Department Level:** *Please note these opportunities require internal coordination since only the Department of Orthopaedics and Rehabilitation can only sponsor applicants. If you intend to apply, please contact the department/division head or chair.*

### Orthopaedic Research & Education Foundation (OREF) - Multiple Opportunities for Residents & Fellows Completing Training

- **Resident Clinician Scientist Training Grant** - To prepare residents for a career with research as a major component. Clinical relevance must be clearly noted in the abstract and specific aims sections, and be obvious from the title and the study design. Both laboratory and clinical projects (e.g., outcome studies) are suitable, but in either case clinical relevance must be explicitly and clearly described. || **Deadline:** October 1, 2009 || **Amount:** Up to \$20,000 for one year. || **Eligibility:** The resident is required to have a minimum of three months dedicated research time, with six months dedicated research time preferred, within the one-year grant period. Residents may only apply for one of the two Resident Research Grants that OREF offers.
- **Orthopaedic Resident Educational Grants** - To provide funding to residents who are interested in research. The work should clearly be achievable by the resident as a free-standing project even when it is a part of a larger work. Both laboratory and clinical projects (e.g., outcome studies) are suitable, but in either case clinical relevance must be explicitly and clearly described. The resident will learn to write a competitive research proposal, and will develop a relationship with a mentor who has research experience and has mentored others. || **Deadline:** October 26, 2009 || **Amount:** Up to \$5,000 for one year. || **Eligibility:** The principal investigator must be an orthopaedic surgery resident in an ACGME accredited orthopaedic program in the United States. The resident may develop his own project, or work on an ongoing research project with a funded investigator. The principal investigator must be working at an institution in the United States. Residents may only apply for one of the two Resident Research Grants that OREF offers. Applicants are limited to one submission per individual each year. All candidates may receive only one OREF grant of each type (but there is no limit to the number an institution can submit).

**Deadline:** Varies – See above & full announcement.

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

**Eligibility:** Varies – Both opportunities above are *Limited Submission at the Department Level* – See below & full announcement.

**Limited Submission at the Department Level:** *Please note these opportunities require internal coordination since only the Department of Orthopaedics and Rehabilitation can only sponsor applicants. If you intend to apply, please contact the department/division head or chair.*

## NIH Federal Opportunities

### Innovations in Biomedical Computational Science and Technology (R01)

**Description:** To promote research and developments in biomedical informatics and computational biology that will support rapid progress in areas of scientific opportunity in biomedical research. As defined in the full guidelines, biomedical informatics and computational biology includes database design, graphical interfaces, querying approaches, data retrieval, data visualization and manipulation, data integration through the development of integrated analytical tools, and tools for electronic collaboration, as well as computational and mathematical research including the development of structural, functional, integrative, and analytical computational models and simulations.

**Deadline:** Standard Dates Apply – See Full announcement.

**Amount:** \$500,000 total for five years.

### Innovations in Biomedical Computational Science and Technology Initiative (STTR [R41/R42])

**Description:** For small business concerns (SBCs) that propose innovative research in biomedical informatics and computational biology to promote the progress of biomedical research. The NIH is interested in promoting research and developments in biomedical computational science and technology that will support rapid progress in areas of scientific opportunity in biomedical research. As defined here biomedical computing or biomedical information science and technology includes database design, graphical interfaces, querying approaches, data retrieval, data visualization and manipulation, data integration through the development of integrated analytical tools, and tools for electronic collaboration, as well as computational research including the development of structural, functional, integrative, and analytical computational models and simulations.

**Deadline:** Standard Dates Apply – See Full announcement.

**Amount:** Up to \$150,000 total costs per year and time periods up to two years for Phase I may be requested. Budgets up to \$750,000 total costs per year and up to three years may be requested for Phase II; exceptions to this should be well justified.

**Eligibility:** Only SBCs can apply – see full announcement for SBC definition details. On an STTR application, the PD/PI may be employed with the SBC or the single, partnering non-profit research institution as long as he/she has a formal appointment with or commitment to the applicant SBC, which is characterized by an official relationship between the SBC and that individual.

## **Non-NIH Federal Opportunities**

### **[National Science Foundation - Cognitive Neuroscience](#)**

**Description:** Seeks highly innovative and interdisciplinary proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, affect, action, social processes, and other aspects of cognition and behavior, including how such processes develop and change in the brain and through time.

**Deadline:** January 14, 2010

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