

Earlier this year, OHSU purchased SciVal Funding, a powerful new database that makes it easier to find grants tailored to your research. Find opportunities based on your publication history, search for previously awarded grants, and even set up personalized alerts.

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WEEKLY FUNDING ALERTS Week of 11.17.11

Featured Funding Opportunity

[NIH National Center for Research Resources \(NCRR\) – Shared Instrumentation Grant Program \(S10\)](#)

Description: For groups of NIH-supported investigators to purchase or upgrade a single item of expensive, specialized, commercially available instrumentation or an integrated system that costs at least \$100,000. Types of instruments supported include confocal and electron microscopes, biomedical imagers, mass spectrometers, DNA sequencers, biosensors, cell-sorters, X-ray diffraction systems, and NMR spectrometers among others.

Deadline: Internal: January 11, 2012 / External: March 21, 2012

Amount: Applications will be accepted that request a single, commercially available instrument or integrated system which costs at least \$100,000. There is no upper limit on the cost of the instrument, but the maximum award is \$600,000. Since the cost of the various instruments will vary, it is anticipated that the size of the award also will vary.

Eligibility: **NOTE - INTERNAL PROPOSALS REQUIRED:** To apply, you must submit a brief 1-3 page preliminary proposal to Dr. Sue Aicher, who is coordinating the review process for the Office of the Vice President for Research, by January 11, 2012. The proposal should indicate the following:

1. What instrument will be requested and why it is needed;
2. Instrument cost (please include vendor quote);
3. Cost of maintenance contract;
4. Where instrument will be located;
5. Major user group (at least 3 PIs with qualifying federal funding active at the time of award); and
6. Institutional support.

Proposals will be evaluated based on whether the instrumentation will enhance the proposed research; if there is a good match between the proposed science and the requested instrument; justification of need; organization of project; continuing commitment (including department and other sources); and the benefit to the overall research community. Submit pre-proposals to aichers@ohsu.edu.

Non-Federal, Foundation and Corporate Opportunities

Applying to a corporation or foundation? Be sure to fill out a [Notice of Intent Form](#).

Sponsor	Opportunity, Amount, Research Focus	Deadline	Eligibility
L'Oreal USA	Fellowships for Women in Science Up to \$60,000 for one year. A national awards program that recognizes and rewards five U.S.-based women researchers at the beginning of their scientific careers. The aims of this program are to: (1) raise awareness of the contribution of women to the sciences; and (2) identify exceptional female researchers in the U.S. to serve as role models for younger generations.	December 15, 2011	Applicants must be U.S. citizens or permanent residents. All candidates must have completed their Ph.D. (or equivalent) by the time of their application submission and have started in their postdoctoral position by September 1, 2012. MDs are not eligible.
American Federation for Aging Research	New Investigator Awards in Alzheimer's Disease Up to \$100,000 total for one or two years. Supports research in areas in which more scientific investigation is needed to improve the prevention, diagnosis, and treatment of Alzheimer's disease. Projects in basic and translational research related to Alzheimer's disease that are clinically relevant, will be considered.	December 15, 2011	The applicant must be an independent investigator with independent research space, and must be no more than 10 years beyond start of postdoctoral research training as of July 1, 2012.

Sponsor	Opportunity, Amount, Research Focus	Deadline	Eligibility
American Federation for Aging Research	Julie Martin Mid-Career Award in Aging Research Up to \$125,000 per year for four years. Sponsored by the Ellison Medical Foundation, this program encourages outstanding mid-career scientists who have not been engaged in aging research but whose research is relevant and could lead to novel approaches to aging. Also eligible are aging researchers whose research is high risk, and thus not attractive to NIH or other traditional sources, but has the potential for high payoff in advancing our understanding of basic aging.	December 15, 2011	The applicant must be an Associate Professor who achieved tenured status after December 1, 2008 (or equivalent). The proposed research must be conducted at any type of not-for-profit setting in the U.S. Recipients, past or present, of the Ellison Medical Foundation Senior Scholar Award in Aging are not eligible to apply for this award.
American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS)	Leslie Bernstein Grant \$25,000 total for up to three years. Encourages original research projects which will advance facial plastic and reconstructive surgery.	Letter of intent: December 15, 2011 Full application: January 16, 2012	Applicant must be an AAFPRS member. The research must be original and have direct application to facial plastic and reconstructive surgery.
Dystonia Medical Research Foundation	Research Grants Up to \$65,000 per year for one or two years. Research grants are available in support of hypothesis-driven research at the genetic, molecular, cellular, systems, or behavioral levels that may directly or indirectly lead to a better understanding of the pathophysiology or to new therapies for any or all forms of dystonia.	December 15, 2011	None specified.
Dystonia Medical Research Foundation	Fellowships \$50,000 per year for two years. Designed to assist postdoctoral fellows as they establish careers in research related to dystonia.	December 15, 2011	None specified.
Pediatric Endocrine Society	Research Fellowship Awards One-year stipend of \$50,000. To support the final year of research training in pediatric endocrinology for highly qualified individuals preparing for a career in academic pediatric endocrinology. Both clinical and basic research projects are eligible.	December 18, 2011	Associate members in good standing who are in an approved training program in Pediatric Endocrinology are eligible for the Research Fellowship Award. Applicants must have medical degree. Both third year fellows and fourth year fellows (who do not have a faculty appointment) are invited to apply.
Pediatric Endocrine Society	Clinical Scholar Awards Up to \$50,000 per year for two years. Promotes mentored research and career development in academic pediatric endocrinology for junior faculty members.	December 18, 2011	Associate members and members in good standing are eligible. Candidates may apply for support to begin during the first three years of a junior faculty position in Pediatric Endocrinology. Completion of a minimum of two years of pediatric endocrinology training is required. Faculty rank should not exceed Assistant Professor.

Sponsor	Opportunity, Amount, Research Focus	Deadline	Eligibility
Bill & Melinda Gates Foundation	<p>Biomarkers of Gastrointestinal (Gut) Function and Health</p> <p>Up to \$1.5 million over a two-year period. The goal of this opportunity is to identify and validate biomarkers of gut function to improve the health and development of children in the developing world. This funding initiative is intended to identify promising biomarkers that accurately reflect physical and physiological properties of the structural or functional integrity of the gut—especially the ileum or small bowel. Ultimately, biomarkers of interest will be sensitive, quantitative indicators that can be correlated with outcomes such as nutrient absorption, failure of linear growth (stunting), and cognitive development—all of which can be impacted by enteric infections and malnutrition.</p>	Letter of intent: January 11, 2011 Full application: April 2012	Applicant organizations must be individual non-profit organizations, for-profit companies or other recognized institutions that can successfully execute the activities in their technical area.
Hilda & Preston David Foundation	<p>Postdoctoral Fellowship in Eating Disorders Research</p> <p>\$43,000 to \$63,000 per year for three years (up to five will be awarded). Provides funding to postdoctoral fellows who are focusing on the biological causes of anorexia nervosa and bulimia nervosa. Examples of areas of interest include but are not limited to neural pathways of feeding behavior in animal models; molecular genetic analysis of relevant neural circuit assembly and function; testing of new chemical compounds that might be used in animal models as experimental treatments; and brain imaging technologies that identify neurochemical pathways in patients with these disorders.</p>	January 12, 2012	Applicants with a Ph.D. or equivalent must commit 90% of time to research, applicants with an M.D. or equivalent must commit at least 70% of time to research. Applicants must not have completed more than three years of full-time postdoctoral training by the time funding begins on July 1, 2011. Research must be conducted at a hospital, university or other non-profit research institution. U.S. citizenship is not required.
Bill & Melinda Gates Foundation	<p>Discover New Ways to Achieve Healthy Growth</p> <p>Up to \$2 million over a three-or-four-year period. The goal of this opportunity is to elucidate new pathways or mechanisms that will directly inform the development of interventions for the prevention of impaired growth, i.e. stunting and wasting, during the first 1,000 days following conception in the developing world. Ultimately we aim to identify simpler, less costly, and more effective interventions delivered before conception, during pregnancy, or in the first two years of life. To meet this goal, approaches should address the underlying biological mechanisms that lead to these adverse developmental outcomes focusing specifically on either or both infection and nutrition, the two primary factors involved in altering the course of fetal and infant growth and development in the developing world.</p>	Letter of intent: January 25, 2012 Full proposals: April 2012	Applicant organizations must be individual non-profit organizations, for-profit companies or other recognized institutions that can successfully execute the activities in their technical area.

Sponsor	Opportunity, Amount, Research Focus	Deadline	Eligibility
Bill & Melinda Gates Foundation/ Global Alliance to Prevent Prematurity and Stillbirth	Preventing Preterm Birth Up to \$2 million over a three-or-four-year period. To discover and develop novel interventions for prevention of preterm birth and stillbirth associated with preterm birth through rigorous analysis of underlying biological mechanisms that lead to these adverse outcomes, focusing on the roles of infection, inflammation, and nutrition in altering the course of pregnancy in the developing world. Collaboration and cooperation among Research Investigators will be strongly encouraged with preference for cross-disciplinary studies that could provide the most detailed interrogation of hypotheses, validation, and interventions appropriate to low-resource settings. The foundation expects to fund 6-10 grants.	Letter of intent: January 31, 2012	Applicant organizations must be individual non-profit organizations, for-profit companies, or other recognized institutions that can successfully execute the activities in their respective topic areas. Grantees awarded projects will be required to actively collaborate with members of this research consortium.

NIH Federal Opportunities

NIH grants to be submitted to Research Grants and Contacts three business days prior to their due date: You must submit your final NIH applications to [Research Grants and Contracts](#) (the pre-award office at OHSU) three business days before their due date. This enforcement is being implemented because the NIH, AHRQ, and NIOSH have eliminated their "error correction window" as of this date. View the [NIH notice](#) for more information.

Institute	Opportunity	Deadline	Amount
National Institute of Neurological Disorders and Stroke (NINDS)	Diversity Research Education Grants in Neuroscience (R25) Limited Submission: This opportunity requires internal coordination since OHSU may only submit one application. If you intend to apply, complete a limited submission form before the internal deadline.	Internal: December 2, 2011 External: January 25, 2012	Up to \$250,000 per year for five years.
Multiple Institutes	Education Research in Sleep Health and Sleep-Circadian Biology (R25)	February 2, 2012; February 1, 2013	Varies.
National Institute on Alcohol Abuse and Alcoholism (NIAAA)	Evaluation of NIAAA's Alcohol Screening Guide for Children and Adolescents (R01)	February 15, 2012	Up to \$500,000 per year for five years.
Multiple Institutes	Planning Grants for Translational Research for the Prevention and Control of Diabetes and Obesity (R34) and Translational Research for the Prevention and Control of Diabetes and Obesity (R18)	March 1, 2012	Varies.
Multiple Institutes	Mechanistic Research on Complementary and Alternative Medicine (CAM) Natural Products (R01)	March 1, 2012; November 1, 2012	Up to \$300,000 per year for five years.
Multiple Institutes	Bioengineering Interdisciplinary Training and Education for Type I Diabetes Research (T90/R90)	March 14, 2012	Varies.
National Heart, Lung, and Blood Institute (NHLBI)	Management of HIV-Related Lung Disease and Cardiovascular Co-Morbidity (R34)	March 15, 2012	Up to \$400,000 per year for two years.
National Cancer Institute (NCI)	Validation of Molecular Diagnostics to Predict Patient Outcomes Using Specimens from Multi-Site Cancer Trials (R01 / R21)	Standard dates apply.	Varies.
National Institute on Aging (NIA)	Alzheimer's Disease Drug Development Program (U01)	Standard dates apply.	\$300,000 to \$1 million per year for a three-to-five-year period.

Institute	Opportunity	Deadline	Amount
National Institute on Aging (NIA)	NIA MSTEM: Advancing Diversity in Aging Research through Undergraduate Education (R25)	Standard dates apply.	Up to \$350,000 per year for five years.

Non-NIH Federal Opportunities

Sponsor	Title, Amount, Research focus	Deadline	Eligibility
Centers for Disease Control and Prevention (CDC)	<p>Formative Research on Use of Mobile Applications to Increase HIV Testing Behavior and HIV Prevention with Positive Persons \$250,000 for one year. The purpose of this funding announcement is to fund one applicant to conduct formative research to understand the needs, barriers, and facilitators of using mobile phone applications ('apps') for HIV prevention. Findings from this project will be used by the CDC to develop future HIV prevention mobile apps to support public health.</p>	<p>Internal: December 2, 1011 External: January 6, 2012</p>	<p>Limited Submission: This opportunity requires internal coordination since OHSU may only submit one application. If you intend to apply, complete a limited submission form before the internal deadline.</p>
National Science Foundation (NSF)	<p>Partnerships for Innovation Varies. The NSF Partnerships for Innovation (PFI) program is an umbrella for two complementary subprograms: one of which involves an earlier stage that focuses on building innovation capacity and the other involves a later stage that focuses on the acceleration of innovative research. The former emphasizes the transformation of knowledge to market-accepted innovations created by the research and education enterprise, while the latter emphasizes the translation of research to commercialization by NSF-funded research alliances.</p>	<p>Letter of intent: January 4, 2012 Full application: March 1, 2012</p>	<p>Eligibility varies based on program.</p>
National Science Foundation (NSF)	<p>Smart Health and Wellbeing Varies. Seeks to address fundamental technical and scientific issues that would support much needed transformation of healthcare from reactive and hospital-centered to preventive, proactive, evidence-based, person-centered and focused on wellbeing rather than disease. The issues to be addressed include, but are not limited to, sensor technology, networking, information and machine learning technology, modeling cognitive processes, system and process modeling, and social and economic issues. Effective technology-based solutions must satisfy a multitude of constraints arising from clinical needs, social interactions, cognitive limitations, barriers to behavioral changes, heterogeneity of data, semantic mismatch and limitations of current cyberphysical systems.</p>	<p>Type 1 projects: February 6, 2012 Type 2 projects: February 21, 2012</p>	<p>Standard NSF eligibility requirements apply.</p>

Limited Submission Grants with Upcoming Deadlines

The sponsors of these awards have limited the number of candidates that can apply from a single institution; thereby requiring internal coordination. Opportunities noted at Limited Submission Review require institutional review through the Office of the Vice President for Research. Opportunities noted as Limited Submission at School/Department level require coordination through your department chair, division head or dean. See each opportunity for specific details. Please direct any questions to funding@ohsu.edu.

Sponsor	Title, Amount, Research focus	Deadline	Internal Coordination
Ellison Medical Foundation	New Scholar Award in Aging \$100,000 per year for four years. Basic biomedical research related to aging	Internal: December 2, 2011 External: March 1, 2012	Limited Submission Review OHSU Foundation Notice of Intent
Centers for Disease Control and Prevention	Formative Research on Use of Mobile Applications to Increase HIV Testing Behavior and HIV Prevention with Positive Persons \$250,000 for one year. Public health and preventive medicine	Internal: December 2, 2011 External: January 6, 2012	Limited Submission Review
National Science Foundation	Major Research Instrumentation Program \$100,000 to \$4 million Instrumentation acquisition or development	Internal: December 2, 2011 External: January 26, 2012	Limited Submission Review
NIH – National Institute of Neurological Disorders and Stroke	Diversity Research Education Grants in Neuroscience (R25) Up to \$250,000 per year for five years. Diversity	Internal: December 2, 2011 External: January 25, 2012	Limited Submission Review
American Society of Hematology	Alternative Training Pathway Grant Up to \$50,000 total for one or two years Novel hematology-related training programs	Internal: December 9, 2011 External: February 2, 2012	Limited Submission Review OHSU Foundation Notice of Intent
American Association of Cancer Institutes	Translational Cancer Research Fellowship \$50,000 for one year Postdoctoral fellowships in clinical or translational cancer research	Internal: December 9, 2011 External: February 1, 2011	Limited Submission Review OHSU Foundation Notice of Intent
Mary Kay Foundation	Innovative / Translational Cancer Research Award Up to \$100,000 total over a two-year period Ovarian, uterine, breast, or cervical cancer	Internal: December 9, 2011 External: February 3, 2012	Limited Submission Review OHSU Foundation Notice of Intent
NIH – Common Fund	Director's Early Independence Award \$250,000 per year for two years Independent research funding	Internal: December 16, 2012 External: January 30, 2012	Limited Submission Review
NIH – National Institute of Diabetes and Digestive and Kidney Diseases	Diabetes Research Core Centers (P30) Up to \$1 million per year for five years Diabetes, endocrine and metabolic diseases	Internal: January 6, 2012 External: February 29, 2012	Limited Submission Review
NIH – National Center for Research Resources	Shared Instrumentation Grant Program (S10) \$100,000 to \$600,000. Equipment.	Internal: January 11, 2012 External: March 21, 2012	While there is no limit on the number of proposals submitted, internal review is required. Visit the funding database for more information.
NIH – National Institute of Diabetes and Digestive and Kidney Diseases	Silvio O. Conte Digestive Diseases Research Core Centers [DDRCCs] (P30) Up to \$750,000 per year for five years Digestive and liver diseases	Internal: February 3, 2012 External: March 30, 2012	Limited Submission Review

Sponsor	Title, Amount, Research focus	Deadline	Internal Coordination
NIH – National Institute of Environmental Health Sciences	Superfund Hazardous Substance Research and Training Program (P42) Up to \$1.7 million per year for four years Hazardous substances	Internal: February 17, 2012 External: April 10, 2012	Limited Submission Review
NIH – National Eye Institute	Mentored Clinical Scientist Development Program (K12) Up to \$1.125 million per year for five years Clinical vision research	Internal: March 23, 2012 External: May 14, 2012	Limited Submission Review

Planning Ahead: Anticipated Funding Opportunities

Sponsor	Opportunity
NIH – National Institute of Mental Health	Funding Opportunity to Solicit Assays for High Throughput Screening (HTS) to Discover Chemical Probes (R01/R21)
NIH – National Institute of Mental Health	Funding Opportunity to Solicit Validated Hits for the Discovery of in vivo Chemical Probes (R01)
NIH – National Institute on Alcohol Abuse and Alcoholism (NIAAA)	Translational Research in Alcoholic Hepatitis (U01)
NIH – National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)	Genetic Research Centers (GRCs) for the NIDDK Inflammatory Bowel Disease Genetics Consortium (IBDGC) (U01)
NIH – National Human Genome Research Institute (NHGRI)	Expanding the Encyclopedia of DNA Elements (ENCODE) in the Human and Model Organisms (U54)
NIH – National Institute of Neurological Disorders and Stroke (NINDS)	Morris K. Udall Centers of Excellence for Parkinson's Disease Research (P50)
NIH – National Institute of Neurological Disorders and Stroke (NINDS)	Accelerated Awards Program Supporting Ancillary Studies in PREDICT-HD (U01)
NIH – National Institute of Neurological Disorders and Stroke (NINDS)	Neurosurgeon Research Career Development Program (NRCDP) (K12)
NIH – Multiple Institutes	Childrens Environmental Health and Disease Prevention Research Centers (P01)
NIH – National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)	Rheumatic Diseases Research Core Centers (P30)
NIH – National Institute on Alcohol Abuse and Alcoholism (NIAAA)	Collaborative Initiative on Fetal Alcohol Spectrum Disorders (CIFASD) (U01 / U24)
NIH – National Institute of Mental Health (NIMH)	Collaborative Hubs for International Research in Mental Health in Low- and Middle-Income Countries (U19)
NIH – National Institute of Neurological Disorders and Stroke (NINDS)	Stroke Prevention/Intervention Research Program (SPIRP) (U54)
National Institute of Child Health and Human Development (NICHD)	Biomedical and Behavioral Research Innovations To Ensure Equity (BRITE) in Maternal and Child Health (R15)
NIH – National Institute of Mental Health	Mechanisms Underlying Prevalence Patterns of Depressive and Anxiety Disorders Across Diverse Populations (R01)
NIH – Fogarty International Center (FIC)	Framework Programs for Global Health/Innovations (R24)
NIH – Fogarty International Center (FIC)	Funding Opportunity to Restructure the Fogarty International Clinical Research Training for Scholars and Fellows Program (FICRS-F) (R24)

Stay tuned for more specific information. We will post details as they are released by the funding agency.