

The bulletin is blind-copied to graduate faculty.

## **This Week**

### **Women in Science (WIS) and Research in Progress Seminar Series – Time Change**

Thursday, September 11<sup>th</sup> from 2:00 to 3:00 pm in Vollum M1441

Dr. Jerry Lee is with the Center for Strategic Scientific Initiatives (CSSI) at the National Cancer Institute. Dr. Lee will be talking about the research initiatives and funding priorities at CSSI, especially in regard to graduate students and post-docs, as well as his personal career path. For more information on Dr. Lee, visit his website at: <http://cssi.cancer.gov/lee.asp> . Questions: Kateri Spinelli, PhD [spinelli@ohsu.edu](mailto:spinelli@ohsu.edu)

### **Goodman lecture: Robert J. Lefkowitz, M.D. – Location changed**

Thursday, September 11<sup>th</sup> from 4-5 pm in the Medical Student Lecture Hall, RJH 4340. Reception to follow.

The OHSU Department of Pharmacology proudly welcomes [Robert J. Lefkowitz, M.D.](#), James B. Duke professor of biochemistry at Duke University and Howard Hughes Medical Institute investigator, for its [2014 Goodman Lecture](#) titled “Seven Transmembrane Receptors.” Dr. Lefkowitz was the recipient of the Nobel Prize in Chemistry in 2012 for his studies of G-protein-coupled receptors. Alongside Dr. Brian Kobilka, Dr. Lefkowitz has made groundbreaking discoveries in the functionality of these specific cell receptors. Approximately half of all medications used today make use of this kind of receptor.

## **New Postings**

### **Have you heard about ORCID?**

ORCID is an online product that provides a persistent digital identifier that distinguishes researchers uniquely; is integrated in key research workflows such as manuscript and grant submission, and supports automated linkages between researchers and professional activities. ORCID Registry is free of charge, easy to set up, curate and publish, and allows varying levels of privacy. The use of ORCID will allow easier tracking of publications and grants and ORCID numbers can be attached to all current and future grants, publications, and manuscripts. Set up your account at <http://orcid.org/>

Questions regarding ORCID? Contact Jackie Wirz [wirzj@ohsu.edu](mailto:wirzj@ohsu.edu) or Robin Champieux [champieu@ohsu.edu](mailto:champieu@ohsu.edu) SOM Graduate Studies is requiring that ALL SOM Graduate Students register for ORCID, and provide the ID's to our office, to assist in tracking student publications and grant submissions.

### **Pursue Your Financial Freedom - Apply for NIH Loan Repayment Program Awards**

The National Institutes of Health Loan Repayment Programs (LRPs) **repay** the student loans of doctoral level, biomedical or behavioral scientists conducting research funded by nonprofit institutions. The application cycle opens on **September 1, 2014** and closes on **November 17, 2014**. You may be eligible to receive up to **\$70,000** of qualified educational debt repayment with a 2 year contract. Full information and to apply:

[http://www.lrp.nih.gov/apply\\_here/index.aspx](http://www.lrp.nih.gov/apply_here/index.aspx)

## **SAVE THE DATES**

### **2015 Convocation and Hooding Ceremony**

Friday, 6/5/2015 at the Oregon Convention Center. Regalia ordering should begin in February.

### **2015 Research Week**

May 4-8, 2015 <http://www.ohsu.edu/xd/research/research-week/>

### **Leadership transition in the Department of Biochemistry and Molecular Biology**

Peter Rotwein, M.D., is stepping down from his role as chair of the Department of Biochemistry and Molecular Biology, effective November 2, 2014. Dr. Rotwein has accepted a position as Associate Dean for Research and as Assistant Vice President of Research at the Texas Tech University Health Sciences Center (TTUHSC) in El Paso. He also will serve as Chair of the Department of Biomedical Sciences in the Paul L. Foster School of Medicine at TTUHSC. After consultations with Dr. Rotwein, faculty and other leaders over the next month,

Dean Richardson will appoint an interim chair of the department.

<http://o2.ohsu.edu/blogs/insidesom/2014/09/02/leadership-transition-in-the-department-of-biochemistry-and-molecular-biology/>

## Paper of the Month

### [NMDA receptor structures reveal subunit arrangement and pore architecture](#)

Published in [Nature](#). Graduate student Chia-Hsueh Lee, lead author, along with co-authors Wei Lu, Jennifer Carlisle Michel, April Goehring, Juan Du and Xianqiang Song all work in the laboratory of Eric Gouaux, Ph.D., senior scientist at the Vollum Institute. <http://www.ohsu.edu/xd/education/schools/school-of-medicine/about/school-of-medicine-news/research-news/paper-090214.cfm>

## Dr. Louis Picker awarded \$25 million grant to further HIV vaccine research

Oregon Health & Science University researchers have received a \$25 million grant from the Bill & Melinda Gates Foundation to advance work on a promising vaccine candidate that may someday prevent or cure infection with HIV, the virus that causes AIDS. The grant — awarded to a team of scientists at OHSU's Vaccine and Gene Therapy Institute led by **Louis Picker, M.D.** — is among the largest philanthropic grants OHSU has ever received. “We are incredibly grateful for the Gates Foundation’s support,” said **OHSU President Joe Robertson, M.D., M.B.A.** “This is great news for OHSU but even better news for the fight against HIV and AIDS. Dr. Picker’s research is at the leading edge of a process that might eliminate HIV from humans. The support of the Gates Foundation adds momentum to this vitally important work.”

[http://www.ohsu.edu/xd/about/news\\_events/news/2014/09-03-ohsu-scientist-awarded-2.cfm](http://www.ohsu.edu/xd/about/news_events/news/2014/09-03-ohsu-scientist-awarded-2.cfm)

## Important NIH updates on genomic data sharing, IACUC review, and biosafety

The National Institutes of Health has issued several notices of interest to OHSU Researchers. The following is a summary of those announcements:

NIH finalized the [NIH Genomic Data Sharing](#) policy. Starting with funding applications submitted for a Jan. 25, 2015, receipt date, the policy will apply to all NIH-funded, large-scale human and nonhuman projects that generate genomic data. If you’re applying, you must state in your cover letter that you will be generating this type of data; applications are now required to include a genomic data sharing plan. Refer to the [implementation guidelines](#) to learn more about how this new policy may affect you, and see [further comments](#) in *Nature*.

Changes to IACUC guidance from NIH

The NIH has issued [new guidance](#) regarding how you manage IACUC review, clarifying when additional review may be needed—such as when you need to make significant changes to your protocols, e.g. nonsurvival to survival surgery, changes in housing, or alterations of the study objectives—or when changes can be made administratively. Our IACUC leadership is currently weighing the implications of this guidance. Stay tuned, and in the meantime you can read what your colleagues across the U.S. [said about this dilemma](#).

September is National Biosafety Stewardship Month

Your federal agencies care about your safety, and they want you to care too: September is [National Biosafety Stewardship Month](#), a new effort to make sure we don’t expose one another to [anthrax or flu](#) or other dangerous things. They are urging all DHHS grantees to participate in this effort and remain vigilant about safety.

## Technology Transfer & Business Development Awards

Monday, October 6<sup>th</sup> at CLSB, PSU Lecture Hall, first floor from 5-8 pm

Drinks and hors d’oeuvres will be served at the opening reception with the ceremony beginning at 6 pm. The office of Technology Transfer & Business Development invites the OHSU community to attend the 2014 TTBD Awards Ceremony. Awards will be presented to OHSU community members for their collaborations and efforts in licensing, sponsored research, patenting, and entrepreneurship. In addition, top honors will be awarded in the categories of New Inventor of the Year, Business Development Partnership, Technology Transfer Achievement, and TTBD Appreciation. Please join TTBD for this special event to support your colleagues and to learn more about innovation and entrepreneurship at OHSU. [Register here](#) to attend 2014 TTBD Awards ceremony.

## **OHSU Researchers at the 2014 Military Health Systems Research Symposium**

Eleven OHSU scientists presented to enthusiastic colleagues at the 2014 [Military Health System Research Symposium](#) (MHSRS) Aug. 18-21 in Fort Lauderdale, Florida. This unique scientific conference, known for its interdisciplinary subject matter and networking opportunities, is the Department of Defense's major research meeting to address the medical needs of warfighters. Scientists from academia, industry, and three branches of the military, as well as military clinicians, program heads, and other officials, gather to discuss the latest findings in "military-unique" research. Topics range widely, including research that addresses the direct results of combat, such as traumatic brain injury diagnosis, hemorrhage control, wound treatment, and rehabilitation, to new developments in regenerative medicine and vaccines to occupational health concerns such as fitness, sleep, and balance. All the research at this conference, however, strives to improve the health and well-being of those in military service. In 2013, senior vice president for research Dan Dorsa initiated a program to defray the travel costs for OHSU researchers whose projects are accepted for poster or podium presentations. It's an opportunity for OHSU faculty to network with scientists from across the world with the eventual goal of fostering productive long-term collaborations and relationships. Last year's attendees have gone on to form new research collaborations, become peer reviewers for DoD programs, and apply for new funding. This year, presenters included Martin Schreiber, M.D., division chief of Trauma, Critical Care & Acute Surgery in the School of Medicine Department of Surgery; a new faculty member from that division, David Zonies, M.D., associate professor; and two residents from the same division, Nicole Gordon, M.D., and Alexis Moren, M.D.; Kenton Gregory, M.D., director of the OHSU Center for Regenerative Medicine, and Cynthia Gregory, Ph.D., senior scientist at the OHSU Center for Regenerative Medicine and research scientist at the Portland Veterans Affairs Medical Center; Matthew Butler, Ph.D., assistant scientist, Oregon Institute of Occupational Health Sciences; Laurie King, Ph.D., assistant professor in the School of Medicine Department of Neurology; Paul Cordo, Ph.D., professor, School of Medicine Department of Bioengineering; Kerry Kuehl, M.D., Dr.P.H., professor of medicine and co-director of the Human Performance Laboratory in the School of Medicine Division of Health Promotion & Sports Medicine; and Kathleen Carlson, Ph.D., assistant professor in Public Health and Preventive Medicine and core investigator, PVAMC.

Interested in attending next year? OHSU's Research Funding and Development Services will be sponsoring a workshop later this academic year to talk about DoD funding in general and this conference in particular.

## **Grant & Fellowship Opportunities**

### **OHSU Emerging Technology Fund, letters of intent due Sept. 15**

The Office of the Senior Vice President for Research seeks applications for the [OHSU Emerging Technology Fund](#), which provides funds for OHSU faculty members to purchase major equipment or technology needed to conduct state-of-the-art research. Technologies funded by this award could include novel instrumentation previously unavailable at OHSU, as well as the replacement of high-end equipment that has become obsolete due to technical advances. Funds may be awarded to a group of investigators; a department, center, or institute; or a university core facility. Successful applications must include a sound financial plan ensuring that major infrastructure elements, including space and personnel, will be provided from other sources for a minimum of five years. The purpose of this program is to support emerging science by funding high-end instruments or technologies that will substantially advance OHSU research or keep it at the forefront of a particular research area. It is designed to support equipment that has few other mechanisms of support other than private philanthropy, thus the minimum total cost of the equipment must be \$400,000 or above (including necessary accessories). Funding is available up to \$500,000. Letters of intent are due Sept. 15, 2014. Full applications are due Sept. 30, 2014. [View more information, including the application packet and previous recipients.](#)

## **OHSU Brain Institute - 2014 Neurobiology of Disease Fellowship Award Program Deadline September 19th**

The award includes base stipend plus \$2,000 that can support graduate students (PhD or MD/PhD) pursuing research relevant to the neurobiology of disease.

Eligibility requirements:

- Student must have completed at least one year of Ph.D. training at OHSU and be enrolled full-time as a Ph.D. student during the proposed year of fellowship support. Preference will be given to 3<sup>rd</sup> and 4<sup>th</sup> year graduate students and students who have not previously received an OBI Graduate Student Fellowship previously.

- The student's research interests must be relevant to the neurobiology of disease.
- Student must have identified a mentor who has agreed to supervise the dissertation and provide support for the student's research.
- Student must be in good academic standing with a GPA  $\geq$  3.0.

Graduate students interested in applying for these fellowships should submit the following as a single PDF document:

- A brief description of the proposed research (three pages maximum, not including references). This should include a clearly stated hypothesis, specific aims, impact, significance, preliminary data and experimental design. Font should be Arial or New Times and be no smaller than 11 point. Margins should be 1". Applications using smaller fonts or margins will not be considered.
- A description (1/2 page) of student's long term career goals
- Student's curriculum vitae
- A letter from the mentor indicating the support available for the graduate student and the proposed research
- Mentor's biographical sketch and research support (NIH format)

Applications will be judged on the basis of scientific merit, novelty, relevance of the research to the neurobiology of disease, the commitment of the student to ongoing research on the neurobiology of disease, and the mentor's qualifications.

**APPLICATION DEADLINE: September 19, 2014.** Awards will be announced later in the fall. Questions or to submit applications: Ashley Uchtman at [Uchtman@ohsu.edu](mailto:Uchtman@ohsu.edu), Program Coordinator, OHSU Brain Institute

### **NIH issues "Follow that Cell" challenge, offering \$500,000 in prizes**

The NIH is challenging researchers to compete for prizes totaling up to \$500,000 for developing new ways to track the health status of a single cell in complex tissue over time. The [NIH Follow that Cell Challenge](#) seeks tools that would, for example, monitor a cell in the process of becoming cancerous, detect changes due to a disease-causing virus, or track how a cell responds to treatment. "Advances in cellular analysis promise earlier diagnosis and improved therapies for diseases, from cancer to Alzheimer's," said [James Anderson, M.D., Ph.D.](#), director of NIH's Division of Program Coordination, Planning, and Strategic Initiatives. "These prizes will also help to stimulate new businesses and economic growth in our biomedical communities." The Challenge aims to generate creative ideas and methods for following and predicting a single cell's behavior and function over time in a complex multicellular environment – preferably using multiple integrated measures to detect its changing state.

### **MRF Grants**

The Medical Research Foundation (MRF) supports promising biomedical exploration and the development of research careers in clinical investigation in Oregon through a program of competitively awarded research grants. Most MRF grants are awarded quarterly. MRF Grant Applicants: Application guidelines are subject to change between deadlines. Please carefully review the guidelines each time you submit an application. August 2014: New naming conventions are required; see guidelines for specific instructions.

<http://www.ohsu.edu/xd/about/foundation/about/medical-research-foundation/grants.cfm>

#### **New Investigator Grant:**

Maximum grant award: \$40,000, Two to three grants awarded quarterly

Application deadline dates: Feb. 15, May 15, Aug. 15, Nov. 15.

#### **Early Clinical Investigator Grant:**

Maximum grant award: \$20,000, Two to three grants awarded quarterly

Application deadline dates: Feb. 15, May 15, Aug. 15, Nov. 15.

### **Applications for American Cancer Society Research Scholar Grants due Oct. 15**

[Research Scholar Grants](#) are intended to provide support for investigator-initiated projects across the cancer research continuum. These grants provide **up to \$165,000 per year for up to four years** and typically cover the costs of salaries, consumable supplies, and other miscellaneous items required to conduct the proposed research. This funding mechanism supports basic, preclinical, clinical, epidemiological, psychosocial, behavioral research, and research in palliative care and symptom management. Independent investigators within the first six years of an independent career, within a total of 12 years from the awarding of their terminal degree, and with no more than one R01-type grant are eligible to apply.

Applications are **due October 15, 2014**

## **Prior Postings**

### **NIH Revised notice on Individual Development Plans for Grad Students and Postdocs**

NIH, August 4, released a revised notice on the use of individual development plans for graduate students and postdoctoral researchers. “NIH annual progress reports received on/after October 1, 2014 must include a section to describe how individual development plans (IDPs) are used to identify and promote the career goals of graduate students and postdoctoral researchers associated with the award. “ Please see:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-14-113.html>

NIH's Sally Rockey, deputy director for extramural research, August 5, posted a blog entry on progress in meeting NIH's biomedical research workforce goals, including increasing postdoc stipends, collecting data on postdoc benefits, automating NRSA training grant application tables, the development of a tracking system for trainees, and the creation of an office in the NIH Office of the Director to assess the biomedical research workforce. A blog entry on August 8 discusses issues concerning women in biomedical research. See:

<http://nexus.od.nih.gov/all/2014/08/05/progress-in-meeting-nih-biomedical-research-workforce-goals/> and

<http://nexus.od.nih.gov/all/2014/08/08/women-in-biomedical-research/>

### **New OHSU Student Portal**

OHSU now has a Student Portal for Graduate Students. Students will find news updates from all of OHSU in one central location, and see Graduate Studies postings specific for their program and degree. For the next few weeks, while we transition to the Portal, the student bulletin will still be sent. By the end of September, all student news will be uploaded to the Portal only. Program coordinators will be assigned administrator access soon so they can post program/degree specific information to their students portal.

**The Faculty Bulletin will still be sent to all Graduate Faculty.**

### **Reproductive Hazards for Laboratory Workers**

The OHSU Environmental Health and Radiation Safety Office, in collaboration with Women in Science, has developed a Reproductive Hazards for Laboratory Workers guideline! EHRS offers personalized, confidential risk assessments for anyone at OHSU, so that you can learn about what special precautions to take in the lab if you are pregnant or thinking of becoming pregnant. This is a big step forward in addressing basic chemical and biological safety of pregnant lab workers. <http://www.ohsu.edu/xd/about/services/integrity/ehrs/chemical-safety/upload/Reproductive-Hazards-for-Laboratory-Workers.pdf> A full list of the chemical safety information can be found at <http://www.ohsu.edu/xd/about/services/integrity/ehrs/chemical-safety/index.cfm>

### **Cloud storage now available for OHSU researchers**

A new cloud-based file storage system called Box is available for all OHSU faculty, students, fellows, and staff. Box is similar to Dropbox or Google Drive but with added protections for confidential data and protected health information. <http://www.ohsu.edu/blogs/researchnews/2014/08/05/cloud-storage-now-available-for-ohsu-researchers/>

### **Teams sought for Brain Start-up Challenge**

The Heritage Provider Network, National Institutes of Health, and the Center for Advancing Innovation have teamed up to search for commercially viable brain-related inventions important to public health. Teams will have an opportunity to develop a business plan for a brain-related invention and launch a start-up. The challenge is intended to accelerate the commercialization of Federal agency brain-related inventions, spur economic growth, and provide universities with a platform to further develop their entrepreneurship-learning portfolio. Teams must consist of at least two graduate students and one entrepreneur. Up to 600 teams will be selected to compete for prizes and start-up money. If you are interested in participating, but having trouble finding partners on campus, the program's Wiggio site can help you connect with potential partners from across the globe. To participate, submit your letter of intent at [www.brainstartupchallenge.org](http://www.brainstartupchallenge.org) before October 31, 2014

### **Central Financial Services launches new Stipend Web Page and email address**

Central Financial Services has recently launched a web page dedicated to Stipend related information:

<https://o2.ohsu.edu/central-financial-services/accounts-payable/stipends.cfm>. The web page includes FAQ's and

links to the stipend calendar, the stipend direct deposit form, as well as other forms pertaining to stipends. The new email address just for stipend questions: [stipends@ohsu.edu](mailto:stipends@ohsu.edu)

## **Upcoming Calendar Events**

Please go to [www.ohsu.edu/som/graduate](http://www.ohsu.edu/som/graduate) for full information on upcoming events.

## **FUNDING Opportunities**

**Funding Alerts** <http://www.ohsu.edu/blogs/researchnews/funding-alerts/>

**NIH Funding Opportunities website:** <http://grants.nih.gov/grants/guide/index.html>

**OHSU Research Headlines:** <http://ozone.ohsu.edu/blogs/somresearchvoice/2011/08/17/who-made-headlines-ohsu-research-in-the-news/>

The new [OHSU Funding Opportunities database](#) is now online. This customized database houses opportunities, primarily from non-governmental sources, of particular relevance to OHSU researchers. The database is also used to track all [limited submission](#) opportunities and their corresponding internal deadlines, including federal opportunities. If you have any questions or would like us to demonstrate this tool for you, contact [funding@ohsu.edu](mailto:funding@ohsu.edu).

## **WEEKLY FUNDING ALERTS**

**Week of 9-4-14**

### **Featured Funding Opportunities**

#### **[Oregon Clinical & Translational Research Institute \(OCTRI\) – Specimen Retrieval Opportunity with the NW Biobank at Kaiser Permanente Northwest](#)**

**Description:** The Oregon Clinical & Translational Institute is now accepting proposals for Specimen Retrieval with the NW Biobank at Kaiser Permanente. This is an opportunity for OHSU investigators to have their own research ideas supported through this Kaiser Permanente resource. Samples will be retrieved from the Kaiser Permanente Northwest Biobank where specimens currently in storage are stabilized buffy coat or DNA at -80C. Buffy coat samples will have DNA extracted before transfer to the selected investigator for use in research. Samples from the Tissue Clinical Library may also be available. All specimen retrieval costs will be supported by OCTRI. This program will support the retrieval of approximately 125 tissue specimens or 500 buffy coat specimens for a single project for which specimen retrieval can be completed by June 15, 2015.

**Meet with Kaiser Investigator deadline:** October 23, 2014

**Full application deadline:** November 3, 2014

**Amount:** N/A

**Eligibility:** The Principal Investigator must meet the [OHSU guidelines for eligibility](#). Investigators must meet with the Kaiser liaison Sheila Weinmann, Ph.D., to obtain further information about the current capabilities, and discuss the scientific potential and feasibility of proposals for specimen retrieval. She can also help investigators evaluate the available data from the electronic medical record. Individual appointments can be scheduled by contacting [Debra Burch](#) prior to the deadline of October 23, 2014. See sponsor announcement for complete opportunity details.

#### **[Oregon Clinical & Translational Research Institute \(OCTRI\) – Project Funding for Translational Research Leading to Biomedical Commercialization](#)**

**Description:** The Biomedical Innovation Program is designed to identify and foster creative bioengineering solutions for important health care problems. Critical elements of successful proposals will be a well-developed idea or vision for the end product and collaboration between clinician scientists and bioengineers; that collaboration will make possible the identification of a significant clinical problem, an innovative idea for a device to address the problem, bioengineering approaches for device development, voice of consumer studies, and early clinical trials. Similar to a federal R21 grant, the focus of the program is on early phase experiments intended to yield proof of concept results. Specifically, funding is intended to allow the bioengineering necessary to create a prototype device or diagnostic and evaluate initial clinical effectiveness. Projects will typically be for an initial one-year period with specific pre-defined milestones and quantitative metrics of success evaluated on a quarterly basis.

**Letter of Intent deadline:** November 12, 2014

**Full application deadline (by invite only):** February 4, 2015

**Amount:** Up to \$40,000 over one year.

**Eligibility:** The Principal Investigator must meet the [OHSU guidelines for eligibility](#). Funding requests that involve partnering with other sources (e.g. departmental sources) are strongly favored. Because funds are limited, it is expected that investigator salary expense will be provided by the department or with another cost sharing mechanism. See sponsor announcement of complete opportunity details.

## **Non-Federal, Foundation and Corporate Opportunities**

**Applying to a corporation or foundation on the [President's List](#) ? Be sure to fill out a [Notice of Intent Form](#).**

Sponsor	Opportunity, Amount, Research Focus	Deadline	Eligibility
Alliance for Cancer Gene Therapy	<p><a href="#">Young Investigator Award</a>            Up to \$250,000 total over two to three years. The overall objectives of this grant are to advance cell and gene therapy into the causes, treatment and prevention of all types of cancer by promoting development of novel and innovative studies by young investigators. The emphasis of this initiative is to promote basic, and pre-clinical research approaches utilizing cells and genes as medicine. The main areas of research supported by this mechanism are: tumor-specific replicating viruses and bacteria; anti-angiogenesis; immune-modulatory therapy and cancer vaccines; oncogene/suppressor oncogene/apoptosis directed therapy; tumor targeting and vector development; cancer stem cell directed therapy; and, other gene and cell based therapies.</p>	Letter of Intent: September 16, 2014 Full application: October 30, 2014	Candidates must hold an M.D., M.P.H., Ph.D. or equivalent, and be a tenure track assistant professor within five years of their initial appointment to this rank. The investigator must be conducting original research as an independent faculty member reporting directly to the department chair or division chief, with dedicated laboratory space allocated by the department chair. The Alliance has no citizenship restrictions, and research supported by the award must be conducted at medical schools and research centers located in the U.S. or Canada.
American Society for Clinical Oncology / Conquer Cancer Foundation	<p><a href="#">Advanced Clinical Research Award in Breast Cancer</a>            \$150,000 per year for three years. Designed to fund investigators who are committed to clinical cancer research and who wish to conduct original research not currently funded. This research must have a patient-oriented focus, including a clinical research study and/or translational research involving human subjects. Proposals with a predominant focus on <i>in vitro</i> or animal studies (even if clinically relevant) are not allowed.</p>	Letter of Intent: September 30, 2014 Full application (by invite only): November 19, 2014	Applicant must be a physician who is in the fourth to ninth year of a full-time, primary faculty appointment in a clinical department at an academic medical institution at the time of grant submission. Applicants must have completed productive postdoctoral/post-fellowship research and demonstrated the ability to undertake independent investigator-initiated clinical research, and must be an active member of the Society or have submitted a membership application with the grant application. Must be able to commit 75% of full-time effort.
American Association of Anatomists	<p><a href="#">Innovation Grants</a>            Up to \$50,000 total. A pilot initiative that will provide funding to support new scientific, educational, and professional development programs and services developed by Association members. This program was established to creatively support innovation by facilitating the development and expansion of learning and research, and to provide resources to support the practice of innovation in the scientific community.</p>	October 1, 2014	Grants are intended for Association members and/or committees, and should directly support the organization's mission of advancing anatomical science through research, education, and professional development.
American Association of Anatomists	<p><a href="#">Postdoctoral Fellowship Program</a>            \$20,000 total plus travel expenses over one year. Intended to provide salary support to an Association member who is a postdoctoral fellow working in any aspect of biology relevant to the anatomical sciences. Approaches can include (but are not limited to) cellular, molecular, genetic or histological techniques, and/or emphasize development, evolution, morphology or human</p>	October 1, 2014	Must be a current member and expect to remain a member for the duration of the fellowship. Candidate should have all requirements of doctoral degree completed at the time of submission of fellowship application.

	health.		
Sexual Medicine Society of North America	<a href="#">Young Investigator Awards</a> Up to \$25,000 total over one year. This unique program offers young investigators who are interested in sexual medicine research, in particular male impotence, peyronie's disease, testosterone deficiency, prosthetic surgery outcomes and research, and female sexual dysfunction the opportunity to obtain funding to support their research while engaged in qualifying research in sexual medicine.	October 1, 2014	This research fellowship is designed to fund a one year post-doctoral fellowship for Ph.D. post-doctoral candidates or M.D. clinical fellows during their research year of an accredited sexual medicine fellowship program. The award can be used for direct research costs and salary support. Each applicant will have a mentor for the proposed research who is an authority in Sexual Medicine.
National Multiple Sclerosis Society	<a href="#">Pilot Research Grants</a> Up to \$40,000 over one year. Supports research in the areas where preliminary data are scant or nonexistent. This program is designed to support unique or novel ideas with the potential to open significant new areas of research on multiple sclerosis.	October 1, 2014	Investigators who are faculty-level or equivalent at an established research institution may apply. The PI does not need to be a U.S. citizen. Cannot have existing Society pilot award support.
Cancer Research Institute	<a href="#">Irvington Postdoctoral Fellowship Program</a> \$50,000 to \$57,000 per year for three years. The fellowship program is aligned with the overall mission of the Institute to support and coordinate both laboratory and clinical efforts that will lead to immunological treatment, control, and prevention of cancer. The Institute is seeking hypothesis driven, mechanistic studies in both immunology and tumor immunology. The applicant and sponsor must clearly state the potential of the proposed studies to directly impact our understanding of the immune system's role in cancer risk, tumor initiation, progression, metastasis, host response to tumors and/or the treatment of cancer.	October 1, 2014	Applicants must have a doctoral by the date of award activation and must conduct their proposed research in the area of cancer immunology under a sponsor who holds a formal appointment at the host institution. Applicants with five or more years of relevant postdoctoral experience are not eligible, with the exception of M.D. applicants who should not include years of residency in this calculation.
CSL Behring	<a href="#">Professor Heimburger Award</a> € 20,000 (~\$26,000) over one year. Designed to encourage the next generation of coagulation specialists to medically and scientifically establish themselves, in order to have continued progress in this therapeutic area. The grants will be available for preclinical and/or clinical research in the area of coagulation.	October 6, 2014	Grants are targeted at investigators who hold an M.D. degree and have less than five years faculty experience in hemostasis.
American Association for Dental Research	<a href="#">William B. Clark Fellowship</a> \$5,000 over up to three months. Intended for clinical research in periodontology. The training plan may be of three weeks to three months duration and should allow the successful applicant to learn state-of-the-art methodology related to clinical periodontal research. The applicant may also describe a research project using the methodology in the field of oral health.	October 7, 2014	Applicants must have completed their first professional degree. The applicant should be appointed at an accredited dental school or academic research center in the U.S. Applicants must be U.S. citizens or permanent residents of the U.S, and be members of the Association.
Simons Foundation Autism Research Initiative	<a href="#">Pilot Awards</a> \$125,000 per year for up to two years. Intended for innovative, high-impact proposals requesting support for small-scale projects or early-stage experiments that will build on	Letter of Intent: October 10, 2014 Full application: February 13, 2015	All applicants and key collaborators must hold a Ph.D., M.D. or equivalent degree and have a faculty position or equivalent at a

	preliminary data or a prior track record and lead to competitive applications for funding by the Foundation or other organizations. Investigators new to the field of autism are encouraged to apply.		college, university, medical school or other research facility. There are no citizenship or country requirements.
Simons Foundation Autism Research Initiative	<a href="#">Research Awards</a> Up to \$350,000 per year for up to three years. Supports compelling, high-impact research on an experimental hypothesis for which, in most cases, preliminary data have already been gathered. The foundation will also consider projects focusing on a central hypothesis where success depends on close collaboration between two or more labs.	Letter of Intent: October 10, 2014 Full application: February 13, 2015	All applicants and key collaborators must hold a Ph.D., M.D. or equivalent degree and have a faculty position or equivalent at a college, university, medical school or other research facility. There are no citizenship or country requirements.
American Cancer Society	<a href="#">Postdoctoral Fellowships</a> Average of \$55,000 per year for up to three years. Designed to support a program of research training and study to enable a new investigator to qualify for an independent career in cancer research (including basic, preclinical, clinical, cancer control, psychosocial, behavioral, epidemiology, health services and health policy research).	October 15, 2014	Applicants must have obtained their doctoral degree prior to activation of the fellowship and must be, at the time of the application, citizens, non-citizen nationals, or permanent residents of the U.S. Individuals who have held a Ph.D. or M.D. for more than four years at the time of application are not eligible for a Fellowship.
Thoracic Surgery Foundation for Research and Education	<a href="#">Research Grants</a> Up to \$40,000 per year for up to two years. Supports research efforts by cardiothoracic surgeons who have completed their formal training, and who are seeking initial support and recognition for their research program. 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. In making the awards, emphasis will be placed on originality, clear, concise presentation of a logical project, high probability of successful project completion, and importance of the work toward the advancement of thoracic surgery.	October 15, 2014	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 U.S. or who will successfully complete such training by the grant start date is eligible. Prior receipt of an NIH grant (KO8, RO1) will weigh heavily against an applicant's candidacy in the absence of mitigating circumstances. See sponsor announcement for complete eligibility details.
Skin Cancer Foundation	<a href="#">Research Grants</a> \$10,000 to \$25,000 over one year. Supports pilot research projects related to skin cancer. The Foundation funds basic research and clinical studies which address improved methods of prevention, detection, and treatment of skin cancer.	October 15, 2014	Research must be conducted by dermatology residents, fellows, and young faculty (5-10 years post first academic appointment) from institutions within the U.S.
American Psychiatric Association	<a href="#">Kempf Fund Award for Research Development in Psychobiological Psychiatry</a> \$21,500 over one year. This award recognizes a senior researcher who has made a significant contribution to research on the causes and treatment of schizophrenia as both a researcher and a mentor. The award will support the research career development of a young research psychiatrist working in a mentor-trainee relationship with the award winner on further research in this field. Submissions will be judged	October 15, 2014	Submissions will be judged on the excellence of the nominee's overall contribution to the body of research in schizophrenia, including submission of the nominee's most significant paper or book; a description of the nominee's role as a mentor to younger colleagues in the field; and a description of the

	on the excellence of the nominee's overall contribution to the body of research in schizophrenia, including submission of the nominee's most significant paper or book; a description of the nominee's role as a mentor to younger colleagues in the field; and a description of the qualifications of the young research psychiatrist, as well as a detailed description of his/her career development plan.		qualifications of the young research psychiatrist, as well as a detailed description of his/her career development plan.
American Psychiatric Association	<a href="#">Lilly Psychiatric Research Fellowship</a> \$45,000 over one year. This fellowship provides funding for a post-graduate psychiatry trainee, under the supervision and guidance of his/her mentor, to design and conduct a research study on a major research topic.	October 15, 2014	<b>Limited Submission at the School/Department Level:</b> <i>A single sponsoring institution may submit up to one application per distinct department within each institutional training site. If you intend to apply, please contact your department chair.</i> Individuals who have received their M.D. or D.O. degree and who have completed residency training in general psychiatry or child psychiatry immediately prior to the time the fellowship commences.
Burroughs Wellcome Fund	<a href="#">Innovation in Regulatory Science</a> Up to \$500,000 total over five years. This initiative is focused on providing support for academic researchers developing new methodologies or innovative approaches in regulatory science that will ultimately inform the regulatory decisions FDA and others make. This would necessarily draw upon the talents of individuals trained in mathematics, computer science, applied physics, medicine, engineering, toxicology, epidemiology, biostatistics, and systems pharmacology, to name a few.	Letter of Intent: November 18, 2014 Full application (by invite only): April 1, 2015	These awards are open to U.S. and Canadian citizens or permanent residents who have a faculty or adjunct faculty appointment at a North American degree-granting institution. Candidates must hold an M.D., Ph.D., D.V.M., D.D.S., or M.D.-Ph.D. degree and must be an investigator at the assistant, associate, or full professor level.
International Association for Dental Research	<a href="#">Innovation in Oral Care Awards</a> Up to \$75,000 over a maximum of two years. This award is intended to help investigators pursue innovative and novel research in oral care, above and beyond the bounds of traditional dental research. Funding will be provided to recipients to advance oral care programs directed toward the development of innovative and novel compounds, biomaterials or devices that can be used ultimately at the public health level. Examples of areas of interest could include, but not be limited to: Inhibition or removal of biofilms etc. adhering to natural or artificial surfaces; Modification of those surfaces to inhibit biofilms and other deposits, stains and odors; Adhesives for removable prosthetic devices; Inhibition of tooth surface loss and gingival recession, and amelioration of their effects; and, Counteracting the oral effects of dry mouth, systemic illness, hormonal disturbances or physiological aging.	December 12, 2014	Must be a current member of (or at the time of application have made an application to) IADR. Proposals should be collaboratively sponsored by at least one researcher whose principal expertise is in an area of biotechnology other than a dental science. Applicants should possess advanced degrees and must hold an affiliation with an academic center, not-for-profit institution, or for-profit entity. Letters of support from the PI's institution are required and should describe the nature of the PI's appointment and commitments to the PI, such as lab and office space, technical assistance or travel funds.

### 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 the [Pre-Award Office](#) (formerly Research Grants & Contracts) 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
Multiple Institutes	<a href="#">Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Etiology, Diagnosis, Pathophysiology, and Treatment (R01)</a>	October 24, 2014	Budgets are not limited but must reflect the actual needs of the proposed project. The maximum project duration is five years.
Multiple Institutes	<a href="#">Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Etiology, Diagnosis, Pathophysiology, and Treatment (R21)</a>	October 24, 2014	Up to \$275,000 total over a maximum of two years with no more than \$200,000 allotted in a single year.
Multiple Institutes	<a href="#">Paul B. Beeson Clinical Scientist Development Award in Aging (K08)</a>	November 7, 2014	Up to \$800,000 total over a maximum of five years.
Multiple Institutes	<a href="#">Paul B. Beeson Patient-Oriented Research Career Development Award in Aging (K23)</a>	November 7, 2014	Up to \$800,000 total over a maximum of five years.
National Institute of Environmental Health Sciences (NIEHS)	<a href="#">Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences (R21)</a>	December 1, 2014	Up to \$275,000 over a maximum of two years with no more than \$200,000 allotted in any single year.
Multiple Institutes	Multidisciplinary Studies of HIV/AIDS and Aging ( <a href="#">R01</a> ) ( <a href="#">R03</a> ) ( <a href="#">R21</a> )	December 9, 2014	Amount and duration vary by award mechanism.
National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)	<a href="#">(Re)Building a Kidney Coordinating Center (U01)</a>	January 14, 2015	Up to \$1.6M per year for up to five years.
National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)	<a href="#">(Re)Building a Kidney: Cells to Organ (UH2/UH3)</a>	January 14, 2015	Amount and duration vary by award phase.
National Institute of Dental and Craniofacial Research (NIDCR)	<a href="#">Planning Grants for Dental, Oral and Craniofacial Tissue Regeneration Consortium Resource Centers (R34)</a>	January 29, 2015	Up to \$125,000 over one year.
National Institute of Mental Health (NIMH)	<a href="#">Career Transition Award for Tenure-Track and Tenured Intramural Investigators (K22)</a>	Applications are due on the 9th of each month.	Up to \$300,000 per year for up to three years.

### Non-NIH Federal Opportunities

Sponsor	Title, Amount, Research Focus	Deadline	Eligibility
National Science Foundation (NSF)	<a href="#">Division of Molecular and Cellular Biosciences: Investigator-Initiated Research Projects</a> Project budgets are not limited but should reflect the actual needs of the project. The maximum project duration is five years. Supports quantitative, predictive, and theory-driven fundamental research and related activities designed to promote understanding of complex living systems at the molecular, subcellular, and cellular levels. Seeks proposals for hypothesis-driven and discovery	November 17, 2014	Unrestricted.

	research related to molecular biophysics, cellular dynamics and function, genetic mechanisms, or systems and synthetic biology.		
National Science Foundation (NSF)	<p><a href="#">Ocean Sciences Postdoctoral Research Fellowships (OCE-PRF)</a></p> <p>\$87,000 to \$97,000 over one year with the possibility of extension.</p> <p>Intended to provide opportunities for scientists early in their careers to work within and across traditional disciplinary lines, develop partnerships, and avail themselves of unique resources, sites and facilities.</p> <p>The fellowship program is intended to recognize beginning investigators of significant potential, and provide them with experience that will establish them in positions of leadership in the scientific community. During tenure, fellows will affiliate with an appropriate research institution(s) and conduct research on topics supported by OCE. The OCE fellowship program has two tracks: Track 1 (Broadening Participation) and Track 2 (International). Fellowships are awarded to individuals, not organizations, and are administered by the fellows.</p>	December 8, 2014	Must be a U.S. citizen or permanent resident and hold a doctoral degree. Must not have worked more than a total of 24 full-time months in positions that require a doctoral degree. Applicants cannot submit concurrently the same project to another postdoctoral program.

### 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](mailto:funding@ohsu.edu)***

Sponsor	Title, Amount, Research focus	Deadline	Internal Coordination
Greenwall Foundation	<p><a href="#">Faculty Scholars Program in Bioethics</a></p> <p>Includes 50% salary support, benefits, and \$5,000 per year for travel and limited project support for three years.</p> <p>Career development.</p>	<p>Internal deadline: September 5, 2014</p> <p>Letter of Intent: November 3, 2014</p> <p>Sponsor deadline: January 30, 2015</p>	Limited Submission Review
National Science Foundation (NSF)	<p><a href="#">Partnerships for International Research and Education (PIRE)</a></p> <p>Approximately \$4M total over a maximum of five years.</p> <p>Collaboration grant.</p>	<p>Internal deadline: September 12, 2014</p> <p>Letter of Intent: October 21, 2014</p> <p>Sponsor deadline: March 15, 2015</p>	Limited Submission Review
Burroughs-Wellcome Fund	<p><a href="#">Investigators in Pathogenesis of Infectious Diseases</a></p> <p>\$500,000 total over five years.</p> <p>Research grant.</p>	<p>Internal deadline: September 12, 2014</p> <p>Sponsor deadline: November 3, 2014</p>	Limited Submission Review
Alfred P. Sloan Foundation	<p><a href="#">Sloan Research Fellowships</a></p> <p>\$50,000 total over two years.</p> <p>Fellowship.</p>	September 15, 2014	Limited at the department/school level
Collins Medical Trust	<p><a href="#">Collins Medical Trust</a></p> <p>Up to \$30,000.</p> <p>Clinical and basic research.</p>	<p>Letter of Intent submission window: October 3 – 10, 2014</p> <p>Sponsor deadline: January 1, 2015</p>	Special coordination required
National Institute of Diabetes and Digestive and Kidney Diseases	<p><a href="#">Silvio O. Conte Digestive Diseases Research Core Centers(P30)</a></p> <p>Up to \$750,000 per year for up to five years.</p>	<p>Internal deadline: October 3, 2014</p> <p>Sponsor deadline:</p>	Limited Submission Review

(NIDDK)	Center grant.	November 19, 2014	
Dermatology Research Foundation	<a href="#">Multiple Research, Career Development, and Fellowship opportunities</a> Amount and duration vary by award mechanism.	October 15, 2014	Limited at the department/school level
American Psychiatric Association	<a href="#">Lilly Psychiatric Research Fellowship</a> \$45,000 over one year. Fellowship.	October 15, 2014	Limited at the department/school level
Microsoft Corporation	<a href="#">Graduate Womens' Scholarship Program</a> \$15,000 over one year. Scholarship.	October 17, 2014	Limited at the department/school level
American Skin Association	<a href="#">Multiple Opportunities</a> <b>Research Scholar Awards</b> \$60,000 per year for up to two years. <b>Research Scholar Awards for Melanoma/Non-Melanoma Skin Cancer</b> \$60,000 per year for up to two years. <b>Research Grants</b> \$15,000 per year for up to two years. <b>Medical Student Grants Targeting Melanoma and Skin Cancer</b> \$7,000 per year for up to two years.	October 18, 2014	Limited at the department/school level
National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)	<a href="#">Nutrition Obesity Research Centers (NORCs) (P30)</a> Up to \$750,000 per year for up to five years. Center Grant.	Internal deadline: October 17, 2014 Sponsor deadline: November 25, 2014	Limited Submission Review
National Science Foundation (NSF)	<a href="#">Science and Technology Centers: Integrative Partnerships</a> Up to \$5M per year for up to five years. Program grant.	Internal deadline: October 31, 2014 Letter of Intent: December 11, 2014 Sponsor deadline: January 16, 2014	Limited Submission Review

### Planning Ahead: Anticipated Funding Opportunities

Sponsor	Opportunity
Multiple Institute	<a href="#">Rare Diseases Clinical Research Consortia (RDCRC) for the Rare Diseases Clinical Research Network (U54)</a>
National Institute of Child Health and Human Development (NICHD)	<a href="#">Medical Rehabilitation Research Resource (R24)</a>
National Institute on Drug Abuse (NIDA)	<a href="#">Drug Abuse Prevention Intervention Research (R01)</a>
National Institute on Aging (NIA)	<a href="#">Analyses to Determine Diagnostic Cut-Points for Older Adults with Low Muscle Mass or Strength (U01)</a>
National Institute of Neurological Disorders and Stroke (NINDS)	<a href="#">Institutional Center Core Grants to Support Neuroscience Research (P30)</a>
National Institute on Drug Abuse (NIDA)	<a href="#">Epidemiology of Drug Abuse (R01)</a>
National Institute of Diabetes and Digestive and Kidney	<a href="#">Prevention of Lower Urinary Tract Symptoms in Women: Bladder Health (U01)</a>

**We're on the web!** The bulletin is archived on the web at <http://www.ohsu.edu/xd/education/schools/school-of-medicine/academic-programs/graduate-studies/faculty/index.cfm>

For full information and other notices regarding seminars, dissertation/thesis defenses and social activities the Graduate Studies calendar and news can be found on our website [www.ohsu.edu/som/graduate](http://www.ohsu.edu/som/graduate) If you know of Graduate Students or Graduate Faculty who are not receiving this e-mail, please have them email us at [somgrad@ohsu.edu](mailto:somgrad@ohsu.edu)

Any graduate student, faculty or group may request an event posted to the Graduate Studies calendar, just click the 'see all' at the bottom of the calendar at under 'Event Finder' choose 'Submit an event' or see your program coordinator for assistance. For News event postings, or assistance with the calendar or other items, e-mail us at [somgrad@ohsu.edu](mailto:somgrad@ohsu.edu)

Want an event or news posted to the bulletin? Please send to [somgrad@ohsu.edu](mailto:somgrad@ohsu.edu) by noon the Thursday prior to make it into the next week's bulletin.

Your Graduate Studies Staff- Brenda Donin, Lorie Gookin, Rita Rand, Rick Goranflo III