

FUNDING FOCUS: OHSU RESEARCH 101

Research Funding & Development Services



OHSU researchers brought in
\$340 million in FY 2013

A map for initiating research projects at OHSU

- Who to know
- How to find resources
- How to navigate through the system

Who do you need to know?

Colleagues

Department administrators

University resources

- Oregon Clinical & Translational Research Institute
- Oregon National Primate Research Center
- Comparative Medicine
- Cores and University Shared Resources

Who do you need to know? (cont.)

Research administration

- Research Funding & Development Services
- Research Grants & Contracts
- Tech Transfer & Business Development
- Clinical Trials Office
- Research Integrity Office (COI, IRB, IACUC)
- Sponsored Projects Administration
- Research Administration Training & Education
- Export Controls

OHSU Experts: A catalogue of research expertise

The screenshot displays the OHSU Experts website interface. At the top left is the OHSU logo and the text "OREGON HEALTH & SCIENCE UNIVERSITY". To the right, the word "researchexpertise" is written in a stylized font. A search bar contains the text "E.g. blood pressure" and has buttons for "By Concept", "By Last Name", and "By Free Text". Below the search bar, the breadcrumb "Home > Thomas M Becker" is visible. The main profile section for "Thomas M Becker" is shown, with the subtext "Public Health & Preventive Medicine" and an "Edit your profile" button. A left-hand navigation menu includes "Home", "Expert Overview", "Profile", "Publications", "Grants", "Patents", "Similar Experts", "Journals", "Trends", "Institutional Network", "Coauthor Network", "Research Network", and "Additional Information". The "Profile" section features a horizontal bar chart with categories: "Indians, North American", "New Mexico", "Hispanic Americans", "Tumor Virus Infections", "Inuits", "Uterine Cervical Dysplasia", "Uterine Cervical Neoplasms", "European Continental Ancestr...", "Alaska", and "Mortality". The "Publications" section lists three entries: 1. Tina M. McClure; Dongseok Choi; Kathleen Wooten; Chris Nield; Thomas M. Becker; Steven L. Mansberger. "The impact of eyeglasses on vision-related quality of life in American Indian/Alaska natives". American Journal of Ophthalmology 2011;151(1):175-182.e2. 2. Njeri Karanja; Tam Lutz; Cheryl Ritenbaugh; Gerardo Maupome; Joshua Jones; Thomas Becker; Mikel Aickin. "The TOTs community intervention to prevent overweight in American Indian toddlers beginning at birth: A feasibility and efficacy study". Journal of Community Health 2010;35(6):667-675. 3. Annette L. Adams; Melissa A. The "Similar Experts" section lists: Christopher L. Aml..., Joseph David Bloom, Eun Sul Lee, Eric S. Orwoll, and David A. Lieberman, each with a publication count and a bar chart. The "Journals" section lists: American Journal of P..., International Journal..., Cancer Epidemiology B..., Sexually Transmitted ..., and Western Journal of Me... with their respective publication counts.

<http://www.ohsu.edu/experts>

OCTRI Programs & Services

Research Navigator

- Letters of Support
- Connection to OCTRI Services and Cost Estimates

Clinical and Translational Research Center (CTRC)

- Nursing – Adult/Pediatric inpatient and outpatient
- Bionutrition
- Study Coordinators
- Core Laboratory

Investigator Support and Integration Services

- IRB applications
- Budget development
- Regulatory Consultations

Biostatistics and Design Program (BDP)

- Biostatistics Drop in Sessions (1st and 3rd Tuesday of each month)
- Pre-award and Post-Award statistical support

OCTRI Programs & Services (cont.)

Education

- Human Investigations Program (HIP), HIP Buffets
- Career Development Awards (KL2) and OCTRI Scholars Program

Community and Practice Research

- Consultation on working with community organization and research collaborations

Funding Opportunities

- Pilot Project Funding – Catalyzing Translational Research, Biomedical Commercialization
- Strategic Investments

Biomedical Informatics Program (BMIP)

- Data management consultation, Epic data for research, REDCap Drop in Sessions & customized databases, research databases, REDCap, functional Genomics consultation, statistical genetics consultation, experimental design and analysis

OCTRI Funding Opportunities

Current Award Types:

Award Types	Biomedical Innovation Program (BIP)	Strategic Investment	Catalyst Award
Funding Objective	Funding for biomedical device and diagnostic development	Limited, JIT funding for final requirements for grant submissions	Funding for Center Grants, Cohorts & First in Human
Funding Amounts	Up to \$40,000 with project facilitation	Two Levels of Funding - \$5,000 - \$20,000 - Less than \$5,000	Up to \$100,000 plus up to \$50,000 worth of OCTRI services
Available	RFA released 9/12 Innovation Panel 11/11 LOIs due 11/28	Open – Online application	FY 15 RFA Spring 2014

Cores and University Shared Resources

Website - More Cores, & News

Investigators:
Need access to technology outside your lab?

OHSU's Cores are campus technology partners dedicated to the success of your project. For optimal results, take advantage of the state-of-the-art resources within the OHSU community.

Benefits:
Accessible experts are here to assist investigators. We work with you to provide:

- One on one advice
- Grant assistance
- Experimental design
- Scientific collaboration

Efficient access to advanced equipment, quality services, low personnel - Pay for only what you need, when you need it.

For a complete listing of local OHSU University Resource Cores (URCs) visit our website.

CORE Resources at OHSU

Advanced Computing Center - Consulting, research storage, application hosting, support for research computing systems. Perry Gieseman: acc@ohsu.edu; (503) 418-2644; www.ohsu.edu/acc

Advanced Light Microscopy - Access to and education on the use of advanced instrumentation for fluorescence microscopy in cells, tissues, and animals. Stefano Koch-Petris: almu@ohsu.edu; (503) 494-3563; www.ohsu.edu/almu

Biomedical Informatics - Data collection and management support through every stage of the research process. Michelle Heiber: bmir@ohsu.edu (503) 418-0180; www.ohsu.edu/bmir

Bioanalytical/Pharmacokinetics - Support and consultation for the analysis of small molecules using state-of-the-art LC-MS/MS, GC/MS, or HPLC instrumentation. Dennis Koop: baprk@ohsu.edu; (503) 494-7806; www.ohsu.edu/baprk

DNA Services - Automated Fluorescent "long read" capillary DNA sequence analysis, solid-phase oligonucleotide synthesis, and help with bioinformatics. Tom Keller: keller@ohsu.edu; (503) 494-2442; www.ohsu.edu/dnaseq

Electronic and Instrument Design - Equipment design and fabrication: electronics, optics, software, mechanical. Consulting for instrumentation problems and repair, custom modifications. John Hunt: eidc@ohsu.edu; (503) 748-1143; www.ohsu.edu/eidc

Flow Cytometry - Cell sorting and analytical flow cytometry, data analysis, consultation, and user education and training. Phil Streeter: facs@ohsu.edu; (503) 494-6143; www.ohsu.edu/flowcytometry

Gene Microarray - RNA expression profiling and DNA variation analysis services on Affymetrix and Illumina microarrays; assistance with RNA/DNA isolation and sample quality assessment. Chris Harrington: gmar@ohsu.edu; (503) 418-3737; www.ohsu.edu/gmar

Histopathology - Collection, distribution of samples of normal and neoplastic human tissues for research; specimen imbedding, sectioning, staining, and immunohistochemistry; Sequenom MassARRAY system. George Thomas: hr@ohsu.edu; (503) 720-5986; www.ohsu.edu/hr

Massively Parallel Sequencing - Sample preparation and genomic scale sequencing services on the Illumina HiSeq 2000. Robert Searles: mpsrr@ohsu.edu; (503) 418-2736; www.ohsu.edu/mpsr


Proteomics - Mass spectrometric services to allow protein identification, detection of post-translational modifications, and profiling of changes in relative protein abundance. Larry Dodd: proteomics@ohsu.edu; (503) 494-8625; www.ohsu.edu/proteomics

Transgenic Mouse Models - development of genetically engineered mouse models, cryopreservation, and other services. Lev Fedorov: transgenics@ohsu.edu; (503) 494-1085; www.ohsu.edu/transgenics

Handout - USR Cores

Cores and University Shared Resources





OREGON HEALTH & SCIENCE UNIVERSITY

OHSU's cores are your campus technology partners dedicated to the success of your project. For optimal results, take advantage of the state-of-the-art scientific resources within the OHSU community.

- + Advanced Computing Center
- + Advanced Imaging Research Center
- + Advanced Light Microscopy
- Bioanalytical/Pharmacokinetics

Support and consultation for the analysis of small molecules using state-of-the-art LC-MS/MS, GC/MS, or HPLC instrumentation.

Contact us:
[Email](#)
[Phone: \(503\) 494-8034](tel:5034948034)
[Visit Full Site](#)

- + Biomedical Informatics
- + Biomolecular Structure Laboratory
- + DNA Services

Super Handy Smart Phone App!

EXPAND LISTING FOR: →

- Description of service
- Contact info
- Link to full site

How to find funding

- Search funding databases
 - SciVal Funding Database
 - OHSU Funding Database
- Subscribe to weekly Funding Alerts
- Set up NIH/Grants.gov RSS feed
- Set up a 1:1 funding consultation with Research Funding & Development Services

Start here: <http://www.ohsu.edu/funding>

Internal funding

- OCTRI Funding
- Medical Research Foundation of Oregon
- Circle of Giving (women's health)
- Knight Cancer Institute pilot funding
- Oregon Alzheimer's Disease Center pilot funding
- Tartar Trust fellowships
- Presidential Bridge Funding
- Emerging Technology Fund

[View a list of all internal funding opportunities](#)

Limited submissions

Limited submissions are opportunities for which the sponsor will only accept a select number of applications per institution.

Limited Submission Process at OHSU:

- Internal deadlines set 6-8 weeks in advance of external deadlines
- Find internal deadlines by searching in the OHSU Funding Database or reading the weekly Funding Alerts
- Submit via the [limited submissions form](#)
- All limited submissions reviewed by a committee of senior faculty
- Questions? Funding@ohsu.edu

Corporate & Foundation Funding

OHSU Foundation works with faculty, staff and students to coordinate proposals to private foundations and corporations.

- [OHSU President's List](#)
- Coordinates submission of [Collins Medical Trust](#) proposals

Grant & Scientific Writing Classes

Vollum Writing Program

Teaches grad students, postdocs and faculty the basic elements of good science writing (6 weekly sessions, offered 4x per year)

Advanced Grant Writing

Writing-intensive professional development course for faculty (4 weekly sessions, offered 1x per year)

Participants in both classes receive peer feedback and 1 on 1 coaching sessions with the instructor, Rachel Dresbeck, PhD.

See the [Career Development Portal](#) for a full list of classes and workshops.

Submitting your proposal

Who can be a PI at OHSU?

It depends.

Which pre-award office do I need?

It depends.

Submitting your proposal

Electronic Proposed Project Questionnaire, or [ePPQ](#), is the administrative tracking system at OHSU.

Other [forms](#) you may need.

Submitting your proposal

Don't sign anything! (except the ePPQ)

Research Grants & Contacts, the Clinical Trials Office, or Technology Transfer sign on your behalf.

The Research Development & Administration units typically assign staff to your departments, so you will be working with the same people.

Proposal deadlines

Submit your PPQ with the draft application to RGC at least 10 business days before the grant deadline.

Submit your final application to RGC at least 3 days before the grant deadline.

Put compliance documents in order

You want this review to take place while you're waiting to hear from the funding agency.

- Institutional Review Board (IRB)
- Institutional Animal Care and Use Committee (IACUC)
- Institutional Biosafety Committee (IBC)

Account set-up and spending

If the grant is awarded, send your grant award notice or letter to your Research Grants & Contracts contact.

After RGC completes the award set-up documents, they will forward it to Sponsored Projects Administration, who will set up your research account and help administer the funds.

Research Administration Training & Education

RATE offers a variety learning opportunities that address the funding lifecycle in more depth. The primary audience is administrators, though lab staff, study coordinators, faculty and other research staff also attend, especially the following:

- RDA 101: Introduction to Research Administration
- InfoEd with ePPQ
- Corporate & Foundation Relations 101

[Learn more on the RATE website.](#)

Research Administration Information Network (RAIN)

Third Thursday of each month, forum for recent developments, opportunities, and other notable activity in research administration.

Offered in-person at UHS 8B60, via live stream to your computer, videoconference to West campus, and posted to online archive.

[Visit RAIN website.](#)

OHSU Research News



OHSU Research News

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Fall deadline for Medical Research Foundation grants – Nov 15

Four times a year, the **Medical Research Foundation** (MRF), part the OHSU Foundation, offers grants for promising biomedical exploration and the development of research careers in clinical investigation. The following awards have a deadline of **November, 15, 2010**:



- New Investigator Grant** – Provides up to **\$40,000** to support promising new investigators in biomedical research. Grants are intended for physicians and scientists who are new to research and are currently without major funding resources. To be eligible, PIs must be at the beginning of an independent career with a faculty position at one of Oregon's colleges or universities. A letter of support from the department chair or division head must accompany each application describing the independence of the PI and the commitment of the unit to that investigator and their research program.
- Early Clinical Investigator Grant** – Provides up to **\$20,000** in support of biomedical exploration and the development of young clinical researchers in Oregon. To be eligible, PIs must be post-doctoral trainees or clinical fellows with specific plans for a career in clinical research. A letter of support from the department chair or division head and from the director of the training program must accompany each application. A letter from the applicant's mentor should also be included.
- Emergency Interim Support Grant** – Provides up to **\$40,000** of support for established investigators who are in need of bridge funding. The grant provides funding for research programs that have lost national grant funding, enabling investigators to develop data



Welcome to the Research News Blog

OHSU Research News is your portal to information about all things research at Oregon Health & Science University. Visit often for updates on events, discoveries, and important funding information.

[READ MORE](#)

Recent Blog Posts

Fall deadline for Medical Research Foundation grants – Nov 15

Society for Psychophysiological Research meeting in Portland, Sept 29 – Oct 3

<http://www.ohsu.edu/researchnews>

Questions?

Email us: funding@ohsu.edu