

Intro to The Office of Research

Mari Ostendorf Vice Provost for Research

Office of Research (OR)

- OR Vision: create an outstanding climate of support for UW researchers to enable innovation & impact
- Mission: Enable research excellence by
 - Enhancing PI ability to obtain and manage grants
 - Promotes ethical conduct of research and facilitates compliance
 - Strategically invests in promising research and shared facilities
 - Advocates for the needs of the UW research community with UW leadership and externally

Leadership: Vice Provost & Assoc/Asst Vice Provosts



Mari Ostendorf



Joe Giffels



Cecilia Giachelli



Sara Curran



Sally Thompson-Iritani



Xiaosong Li



Andy Connelly

OFFICE OF RESEARCH UNIVERSITY of WASHINGTON

Office of Research Units

Support Offices

Getting proposals out & awards in

Office of Sponsored Programs (OSP)

Enabling ethical animal research



Office of Animal Welfare (OAW)

Keeping you out of trouble



OR Officers for Compliance

Enabling ethical human subjects research

Human Subjects
Division (HSD)

Office of Research Info Services (ORIS)



Automating admin functions

Research Units

Applied Physics Laboratory (APL)

Washington National Primate Research Center (WaNPRC)

eScience Institute & Research Cyberinfrastucture



TODAY: A FEW THINGS TO KNOW EARLY ON

- Getting proposals out
 - Mari Ostendorf, Vice Provost for Research
- Managing awards within the rules
 - Joe Giffels, Senior Associate Vice Provost
- Animal Care, Outreach & 3Rs
 - Sally Thompson-Iritani, Assistant Vice Provost
- Limited submissions & internal research funding
 - Ceci Giachelli, Associate Vice Provost



Why start with proposals?

You need to submit a proposal to get funding

 While some types of research require much more funding than others, all fields benefit from funding

Research \$\$ are critical for

- Experimental work (equipment, lab time, materials, ...)
- Clinical studies & other work with human subjects
- Field work

But all fields benefit from funding to support

- Funding to support students and post-docs
- Travel (collaborations, access to archives, attending conferences, ...) & hosting workshops
- Release time



Funding your Research – Step 1 = Proposals

What you need to do

- *Get an idea*, literature review, build a team, make a plan
- Identify a good funding source
- Develop a budget & submit an eGC1 (ask your chair about dept support)
- Write the proposal (get feedback from trusted colleagues)
- Make sure you meet OSP submission deadlines

How the Office of Research supports you

- Web resources about sponsors, alerts to limited submissions
- Matching funds, if required
- Letter of support, if required

With Dean support

- Internal funding (Research Royalty Fund)
- Automation to facilitate the submission process



You've got an award!!

How OR (and others) support you

- Contract negotiation (sponsors & subawards)
- Grants management training
- MyResearch portal for tracking status, trainings, etc.

What you need to do

- Do the research!
- Mentor trainees
- Take responsible for ensuring that funding is spent appropriately
- Get your reports in

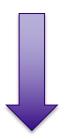




Internal Controls

Risk

- University
- School/College
- Department
- Researcher



Integrity of Research



Minimize operational/administrative burden



Responsibility - PI/Dept/School or College

Facilitation - Central Compliance Offices

- Information / Training / Awareness
- Administrative Systems and Tools
- Coordination with Other Central Compliance Offices
- Enforcement



Research Website – Compliance Page



A > UW Research > Compliance

Compliance requirements can be complex, challenging, and require considerable time and attention of an Investigator and their research team. This page features curated resources for researchers, students, and administrators to learn about key subject areas and campus partners in research compliance.

Animal Welfare

The Office of Animal Welfare facilitates the IACUC review of research protocols and grants involving live vertebrate animals.

Office of Animal Welfare

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Environmental Health and Safety

A gateway to online EH&S services as they apply to Principal Investigators, employees, forms for research grant proposals, and

Biosafety

Key Biological Safety resources provided by EH&S for researchers and their teams, for all stages of research.

Environmental, Health and Safety Biosafety

Export Controls

Guidance to faculty.

staff, officers, and

administrators of their

responsibilities related

to U.S. export control

laws and associated

regulations governing

University academic and

Embryonic Stem Cells (ESCRO)

The UW Embryonic Stem Cell Research Oversight Committee reviews and approves research involving human embryonic stem cells.

ESCRO ☑

Financial Conflict of Interest

An overview of policies, procedures, and systems for the disclosure of Significant Financial Interests and management of Financial Conflicts of

OUTSIDE PROFESSIONAL WORK FOR COMPENSATION (FORM 1460)

Outside Professional Work for Compensation (Form 1460) Reviews policy and process requirements for prior approval of professional work to be conducted outside University duties of faculty, librarians, and other academic

Outside Work





Animal Care, Outreach & 3Rs Sally Thompson-Iritani



Use Program

Office of Animal Welfare

- IACUC Support
- Regulatory

Resource

OAW



Institutional Animal Care & **Use Committee**

- Protocol Review
- Site Visits



Attending Veterinarian & **Training**

- Animal Care Oversight

AV&T



IACUC

Washington National Primate Research Center



Lab-managed & Field Studies



Department of Comparative Medicine *

· Housing, Husban

DCM

* Academic department in the School of

WaNPRC

Outreach

Education on Why, When and How Animal Models are Important to Support Scientific Studies



3Rs



Understanding and Incorporation of the 3Rs:

Refinement, Reduction & Replacement of the use of animals in scientific studies



Limited Submission Opportunities (LSOs)

What is limited submission? How does it work?

- >Grants, awards and fellowships that limit the number of applications coming from one institution
- >Check out open LSOs:
 http://depts.washington.edu/research/funding/limited-submissions
- >There is an internal pre-application submission and review process
- >The LSO review committee selects candidates to move forward from UW.



Types of Grant Opportunities that are often limited

- > Equipment. e. g., NSF Major research instrument grants
- > Multi-PI projects (federal) e.g., NIH U01s
- > Grants for training or education: e.g., NSF Research Traineeship (NRT) Program, NSF Advancing Informal STEM Learning (AISL)...
- > Foundations. e.g., Keck, Packard, Searle, Beckman



OR's Internal LSO Review Process

- > For most LSOs, OR sends announcement to Deans, Directors, Chairs and faculty of the opportunity details including *internal* and *external* deadlines
- > Subscription to this listserv is open to all. To subscribe, just email limitedsubs@uw.edu.
- > If you have identified a limited submission opportunity that is not on this list, please contact limitedsubs@uw.edu so we can support your submission. Approval from OR is required for LSO grant applications.



OR's Internal LSO Review Process cont.

- > The LSO Review committee reviews pre-applications and selects those approved to apply for an LSO
- > The Office of Research typically asks for:
 - A one-page statement of planned project
 - A full CV
 - If it is an early investigator opportunity, a letter of endorsement from your chair.
 - Broader impacts statement if a part of the final LSO application
- > LSO review criteria include: *eligibility, impact, scientific* and technical strength, and likelihood to be funded





Internal Research Funding

- Specialized Opportunities
- Royalty Research Fund

Specialized Internal Funding Opportunities

- Connecting with an organized research units (ORU) in your research are can be useful for
 - Finding collaborators & students
 - Interesting seminars
 - Potential seed funding, e.g.
 - Institute for Translation Health Pilot Awards
 - Population Health Pilot Research Grants
- Other specialized opportunities:
 - Global innovation fund



Royalty Research Fund (RRF)

- Competitive awards program for faculty in all disciplines in the UW research community
- Funded by a portion of the royalty returns
- Purpose: To advance new research
 - in disciplines for which external funding opportunities are minimal, and/or
 - for faculty who are junior in rank, and/or
 - in cases where funding may provide unique opportunities to increase applicants' competitiveness for subsequent funding.
- Over its 30-year history, the <u>RRF</u> has:
 - made over 2,000 peer-reviewed awards, and
 - distributed >\$57 million across all three UW campuses.



Structure & Success Rates

- Two solicitations/year (Aut, Spr), ~\$1M awarded,
- Grants are ~\$40K
- Two types of awards:
 - Regular award
 - RRF scholar (request for release time)
- Three review subcommittees:
 - Arts, humanities & social sciences
 - Basic biological & biomedical sciences
 - Physical sciences & engineering
- Success rate for RRF proposals has ranged from 23% to 28%, with an average of 25%.



Evaluation Criteria

- Research performance competence
 - Soundness of research plan, nvestigator capabilities, institutional resources
- Intrinsic merit of the research
 - Likelihood of fundamental advances and/or substantial impact
- Utility or relevance of the research
 - Likelihood that the research can contribute to a goal that is extrinsic or in addition to that of the research itself
- Bonus: Effect of the research on the university infrastructure
 - Potential to contribute improving of the general effectiveness of the university's research and education efforts.



More on the RRF...

Why submit an RRF proposal?

- Better position yourself for obtaining external funding
- Make advances in an area where there is limited external funding

What makes a strong proposal?

- Outlines a specific intellectual objective
- Explains the significance of the work
- Clearly describes the means and prospects for achieving the objective

Don't give up if you aren't awarded on your 1st try

- Reviewer feedback can help you improve
- Process is useful for improving grant writing skills



