Workshop Goals

• Awareness of terminology within the graduate funding environment

• Identify sources of grad financial support both internal and external to OSU

• Prepare for your search for financial support

• Explore tools and techniques for database searching and tips for finding and securing funding

• Q & A
Terminology Matters

But *why???

- Locally
- Regionally
- Nationally

Terms you should be clear about:
- Graduate assistantship, fellowship, traineeship
- Graduate student worker (hourly wage appointment)
- Graduate scholarship
- Internships, residential fellowships & international collaborations
- Grants and grants-in-aid
Sources of Funding – Internal to OSU

- Academic Programs
- Graduate School
- Financial Aid
- ASOSU
Sources of Funding – External to OSU

• Begin by looking at Graduate School site

• Sources include:
  o **Federal Agencies**, such as NSF, EPA, NOAA, DOD, DOE
  o **Industry**, such as IBM, Xerox, **Semiconductor Research Corp**
    o Check with YOUR company to see if educational benefits are offered
  o **Foundations & Private Organizations**, like **AAUW, HHMI, Alfred P. Sloan Foundation, Doris Duke Charitable Foundation, Ford Foundation, Bullitt Foundation, the Hertz Foundation**
Sources of Funding for International Students

- **NSF Doctoral Dissertation Research Improvement Grants**
  - Students must be enrolled at US institution
  - Must be US citizen
  - Must have advanced to candidacy before submission deadline
  - Proposal must be submitted by major professor

- **Ford Foundation International Fellowships**
  - Must be resident of eligible country
  - Any academic field related to Ford’s strategic areas (see link)
  - Funding level and duration determined in the selection process

- **Margaret McNamara Memorial Fund**
  - Part of the World Bank Family Network
  - Grants to women from developing countries
Sources of Funding for International Students

- **Open Society Institute and Soros Foundation**
- **American Association of University Women (AAUW)**
- **International Federation of University Women**
- **IEFA**
- **International Student Loan Center**
- **OSU Office of International Students and Scholars**
Prepare Before You Start Your Search

• Define yourself
• Define your field
• Define your project
Overview of NSF GRF Application Materials

1. Personal Statement Essay
2. Previous Research Experience Essay
3. Proposed Plan of Research Essay
4. Three Letters of Reference
5. Transcripts

NSF Graduate Research Fellowship Program (GRFP)

1 Refer to NSF website for complete documentation
### Creating Key Words

<table>
<thead>
<tr>
<th>Effect of acid rain on reproduction of freshwater fish in Connecticut River Valley Massachusetts⁠¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science</td>
</tr>
<tr>
<td>Industrial pollution</td>
</tr>
<tr>
<td>Water pollution</td>
</tr>
<tr>
<td>Wildlife</td>
</tr>
<tr>
<td>Population biology</td>
</tr>
<tr>
<td>Environmental Studies</td>
</tr>
<tr>
<td>Connecticut River Valley</td>
</tr>
</tbody>
</table>

Save time, save effort
Aggregated sources of information

- Federal government websites and databases
- Subscription databases
- Web-based college grant organizations
  - Beware of fees!

Grants Guide link

or find it on the library’s homepage under Find It - Help - Research Guides – then type Grants in the Search box.
When it comes to paying for school, you're not alone. Grants, work-study, and low-interest loans help make college affordable.

Financial aid is available from a variety of sources for college, career school, graduate school, and professional school.

Financial aid is money to help pay for college or career school. Aid can come from:

- the U.S. federal government,
- the state where you live,
- the college you attend,
- a nonprofit or private organization.

Besides financial aid, you also should think about what you can do to lower your costs when you go to college.

“Types of Federal Student Aid” Video

Check out this video to learn about grants, loans, and work-study jobs and how they can help fund your education. (Captioning available in English and Spanish; just start the video and click on the CC symbol at the bottom.)

Quick Links

- Federal Versus Private Loans
- Finding and Applying for Scholarships
- Who Gets Aid
- FAFSA: Apply for Aid
- Leave Us Feedback

Glossary

WorkStudy

A federal student aid program that provides part-time...
Foundation Center: [http://foundationcenter.org](http://foundationcenter.org)

Strengthening the social sector by advancing knowledge about philanthropy.

**TRYING TO RAISE FUNDS FOR YOUR NONPROFIT? FOUNDATION DIRECTORY ONLINE Will Show You The Way**

Start searching

NEW RESEARCH

*Advancing Human Rights: Knowledge Tools for Funders*

FUNDER DATA

Foundation Finder

- Name
- Select State
- ZIP Code

More search options>

Foundations: Learn how to share your data online>

MARKETPLACE

Professional Training

- In-person
- Webinars
- E-learning

Learn more and sign up>
New database: FOUNDATION DIRECTORY ONLINE

Search Tutorials and Help
Need a refresher or some help getting started with your searches? The FDO Help section includes brief search tutorials to get you oriented with index menus, Boolean searches, and more. Check these out along with the basic and advanced search guides and video guided tours.

Eye on FDO
Eye on FDO is the official blog of Foundation Directory Online. Visit often to stay current on everything FDO.

Visit Eye on FDO »

Newsletter
The monthly FDO newsletter keeps you up to date on new FDO features, fundraising tips, nonprofit news, and more.

Coming soon!
Best uses for FOUNDATION DIRECTORY ONLINE:

- Access 120,000+ foundations and corporate donors, 3 million recent grants and more than half a million key decision makers
- General research on philanthropic activity
- Discover donor fields of interest, geographic focus, amounts and kinds of grants they give
- Get hard-to-find information on corporate donors, not just philanthropic organizations
**Grant Forward is:**

- Best option for finding individual grant opportunities
- A subscription database (OSU subscribes!)
- Updated daily
- Pulls information from multiple sources (grants and other funding opportunities)

**Grants from:**

- Federal agencies
- Private foundations
- Universities
- Not-for-profits (e.g. associations, libraries, museums)
Funding Opportunities in

Supported Research Activities

• Doctoral
• Fellowship and Scholarship
• Internship
• Research
• Training

Also for Awards & Prizes,
Travel, Workshops and Conferences
How to search in *Grant Forward*

- Search with or without signing in
- Enter keywords *or*
- Search categories — enter or browse a list
Advanced search shows all the options on one page

<table>
<thead>
<tr>
<th><strong>Advanced Search</strong> -</th>
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</thead>
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<tr>
<td><strong>Sponsor</strong></td>
</tr>
<tr>
<td>enter sponsor names, e.g., &quot;NSF&quot;</td>
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<tr>
<td><strong>Deadline</strong></td>
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<tr>
<td>Anytime to Anytime</td>
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<td>✓ Other</td>
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<td><strong>Submission</strong></td>
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<tr>
<td>✓ Is Not Limited</td>
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<tr>
<td>✓ Graduate</td>
</tr>
<tr>
<td>✓ International</td>
</tr>
<tr>
<td>✓ Early Career Investigator</td>
</tr>
</tbody>
</table>
Search Results

1. Sustainable Energy Pathways (SEP)
   - National Science Foundation
   - The Sustainable Energy Pathways solicitation will support interdisciplinary efforts by teams of researchers to address the challenges of developing efficient pathways towards a sustainable energy future. The overarching theme of the solicitation is "sustainability" in all of its facets. Pathways to sustainable energy, from their starting points to ending points, should use renewable sources of...
   - Amount: $34,000,000
   - Submission Dates(s): About $34M is expected for the FY2012 competition, pending availability of funds. The award size is expected to be up to $500,000/year for up to four years per proposal. Innovative proposals of a more limited scope that still meet the SEP fundamental considerations, but requiring a lesser level of investment, are also encouraged.

2. Cyber-Innovation for Sustainability Science and Engineering (CyberSEES)
   - National Science Foundation
   - Scientific Scope: This Cyber-Innovation for Sustainability Science and Engineering (CyberSEES) solicitation aims to advance computing and information sciences research and infrastructure in tandem with other disciplines to develop analyses, methods, prototypes, and systems that lead to an increased understanding of sustainability and to solutions to sustainability challenges. Proposals are...
   - Amount: $10,500,000 pending availability of funds

Displays as list
Click title for complete info
Hover cursor for quick info
Example of search results record

Cyber-Innovation for Sustainability Science and Engineering (CyberSEES)

This opportunity was added on August 11, 2014 and was last modified on August 28, 2014.

Description
A. Scientific Scope
This Cyber-Innovation for Sustainability Science and Engineering (CyberSEES) solicitation aims to advance computing and information sciences research and infrastructure in tandem with other disciplines to develop analyses,...

Sponsor
National Science Foundation (Federal/State)

Deadlines
Submission: February 03, 2015

Amount
$10,500,000 pending availability of funds

Eligibility
Who May Submit Proposals:
The categories of proposers eligible to submit proposals to the National Science Foundation are identified in the Grant Proposal Guide, Chapter I, Section E.
Who May Serve as PI:
Due to this program's focus on...

Contact Information
Phillip Regalia
CISE
Phone: (703) 292-8910
Email: pregalia@nsf.gov

Todd Leen
CISE
Phone: (703) 292-8930
Email: tleen@nsf.gov

Theodore (Ted) Baker
CISE
Phone: (703) 292-8608
Email: tbaker@nsf.gov

Anita Nikolich
CISE
Phone: (703) 292-4551
Email: anikolic@nsf.gov

Ni-Bin Chang
For more information on searching for grant money on your own see the OSU Libraries *Grants* page:

http://guides.library.oregonstate.edu/subject-guide/416-Grants
Financial Aid for Graduate Students

brought to you by the
Office of Financial Aid and Scholarships
Applying for Financial Aid

• The FAFSA IS your application
  • Students that meet the Federal criteria are eligible for Financial Aid
  • Visit studentaid.ed.gov for a list of eligibility criteria

• To receive Federal Aid you must:
  • Complete a FAFSA (available Jan. 1st)
  • Be degree-seeking
  • Be least part-time (5 credits)
Types of Aid

- Types of Aid
  - Unsubsidized Direct Loan
    - 5.84% Interest
  - Graduate PLUS loan
    - 6.84% interest

- Enrollment Requirements
  - You must enroll at least part-time to receive any federal aid
  - 5 credits as a Graduate
Prior Federal Student Loans

• Loan payments can be deferred if a student is:
  • Degree seeking
  • Enrolled at least half-time (5 credits)

• Enrollment is submitted each term
  • Registrar certifies with National Clearinghouse
  • Servicers can access information and apply deferment

• Unsubsidized Loans continue to accrue interest in deferment
Reporting Assistantships

- Assistantships impact financial aid
  - Reduces Cost of Attendance allowance for tuition & fees
  - May reduces loan eligibility

- Assistantship stipends do not need to be reported as they are considered income as paid by payroll

- If we are notified after aid has disbursed we will reduce your financial aid award
Reporting Other Resources

- You need to report any grant or departmental assistance you may receive at any time during the year.

- Grant stipends for living allowances paid directly to you are considered a resource and will impact your aid eligibility.
Billing and Charges

• Billing and charges are handled by Business Affairs
  • They are available to explain charges and credits to your student account
• Email: Student.Accounts@oregonstate.edu
  • refund@oregonstate.edu
• Phone: (541) 737-3775
• In person: Kerr Admin Building, 1st Floor, windows 13 - 16

Website oregonstate.edu/fa/businessaffairs/studentfinance/
Staying Informed

• Manage your Financial Aid Experience!
  • Financial Aid Website: financialaid@oregonstate.edu
  • Check Online Services through MyOSU

• Contact us
  • Telephone: 541-737-2241/Fax: 541-737-4494
  • Email: financial.aid@oregonstate.edu
  • Available: Mon-Fri 8am to 5pm
A primer on funding opportunities for graduate student research

Dr. Jim Rivers
College of Forestry, Oregon State University
Who funds graduate research?

Funding is available from many sources

- government agencies
- OSU: colleges, departments, programs
- professional societies
- private foundations
- private companies
A key benefit of writing a proposal

Laying the foundation for your research

– writing gets you down to the critical details
– provides an outline for your thesis chapter/article

“Proposal writing is clear thinking, plain and simple.”
Benefits from getting funded

Strengthens your curriculum vitae (CV)
  – shows you can get funding within your peer group

Develops confidence in your work
  – funded grant = a bet your research is successful

Can free up your time
  – time/space to broaden your project
Case study: funding graduate research

Brown-headed Cowbird (avian brood parasite)
Case study: funding graduate research

Phase 1 research
– 5 of 10 proposals for $8,925

Phase 2 research
– 8 of 20 proposals for $29,700

Travel grants
– 6 of 6 proposals for $3,890

>$42,000 towards my Ph.D. research!!
Some final suggestions

Follow proposal guidelines carefully
  – outlines what is (and is not) needed in application
  – call/email primary contact with questions

Construct a complete project budget
  – first outline total cost of project, then outline costs covered by focal proposal
  – be clear and detailed in budget justification
Some final suggestions

Focus on benefits gained from writing proposal

– a deeper understanding of your research
– framework for a chapter/paper/proposal
– reviewer feedback that improves the science

Good luck!
Fran Saveriano  
Assistant Dean  
Graduate Student Financial Support and Recruitment  
Graduate School  
300 Kerr Administration Building  
Phone: 541-737-1459  
Fran.Saveriano@oregonstate.edu  

Valery King  
Associate Professor  
Government Information/Business Librarian The Valley Library  
Phone: 541-737-7318  
Valery.King@oregonstate.edu  

Valentine King  
Associate Professor  
Government Information/Business Librarian The Valley Library  
Phone: 541-737-7318  
Valery.King@oregonstate.edu  

Michele Lynam  
Financial Aid Advisor  
Office of Financial Aid and Scholarships  
218 Kerr Administration Building  
Phone: 541-737-2241  
Michele.Lynam@oregonstate.edu  

Financial Aid and Scholarships Website:  
financialaid.oregonstate.edu/  

Jim Rivers  
Assistant Professor  
Department of  
Forest Ecosystems & Society  
214 Richardson Hall  
Phone: 541-737-6581  
Jim.Rivers@oregonstate.edu  

Graduate School Website:  
gradschool.oregonstate.edu/  

OSU Libraries Website:  
osulibrary.oregonstate.edu/