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 you 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](http://www.nsf.gov), EPA, NOAA, DOD, DOE
  o **Industry**, such as IBM, Xerox, [Semiconductor Research Corp](http://www.src.org)
    - Check with YOUR company to see if educational benefits are offered
  o **Foundations & Private Organizations**, like [AAUW](http://www.aauw.org), [HHMI](http://www.hhmi.org), [Alfred P. Sloan Foundation](http://www.alfredp Sloan.org), [Doris Duke Charitable Foundation](http://www.dorisduke.org), [Ford Foundation](http://www.hhmi.org), [Bullitt Foundation](http://www.bullittfoundation.org), the [Hertz Foundation](http://www.hertzfoundation.org)
Sources of Funding for International Students

• **NSF Doctoral Dissertation Research Improvement Grants**

• **Ford Foundation International Fellowships**

• **Margaret McNamara Memorial Fund**
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)

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

<table>
<thead>
<tr>
<th>Science</th>
<th>Conservation</th>
<th>Biological Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial pollution</td>
<td>Ecology</td>
<td>Fish</td>
</tr>
<tr>
<td>Water pollution</td>
<td>Lakes &amp; Rivers</td>
<td>Agriculture &amp; natural resources</td>
</tr>
<tr>
<td>Wildlife</td>
<td>Limnology</td>
<td>Recreation &amp; leisure activities</td>
</tr>
<tr>
<td>Population biology</td>
<td>Sport fishing</td>
<td>Reproductive biology</td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>Acid rain</td>
<td>Northeast U.S.</td>
</tr>
<tr>
<td>Connecticut River Valley</td>
<td>Systematics</td>
<td>Massachusetts</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 – Learn About…
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, or
- 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

Work Study

A federal student aid program that provides part-time
Foundation Center: 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
SEARCH
More search options>

MARKETPLACE
Professional Training
In-person • Webinars • E-learning

Learn more>

Learn more and sign up>

Learn how to share your data online>
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 is the official blog of Foundation Directory Online. Visit often to stay current on everything FDO.

Visit Eye on FDO

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>Advanced Search -</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sponsor</strong></td>
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<tr>
<td><strong>Deadline</strong></td>
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<tr>
<td><strong>Sponsor Type</strong></td>
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<tr>
<td><strong>Submission</strong></td>
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<tr>
<td><strong>Applicant Type</strong></td>
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</tbody>
</table>
Search Results

- Displays as list
- Click title for complete info
- Hover cursor for quick info

**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...

<table>
<thead>
<tr>
<th>Amount</th>
<th>Submission Dates(s)</th>
<th>Eligibility</th>
<th>Submission Info</th>
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<tbody>
<tr>
<td>$34,000,000</td>
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</table>

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.

**Cyber-Innovation for Sustainability Science and Engineering (CyberSEES)**
National Science Foundation

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, methods, prototypes, and systems that lead to an increased understanding of sustainability and to solutions to sustainability challenges. Proposals are...

<table>
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<th>Submission Info</th>
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<tbody>
<tr>
<td>$10,500,000</td>
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</tbody>
</table>

Pending availability of funds...
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...

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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
    - 6.21% Interest
  - Graduate PLUS loan
    - 7.21% 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

Jim Rivers

College of Forestry, Oregon State University
What are research grants?

- Research grants...
  - are non-repayable funds
  - usually have a formal application process
  - often require compliance and reporting

- Request For Proposals (RFP):
  - describes the application materials needed for a particular grant competition
Types of grants for graduate research

• Research grants (supplies, tech salaries)
• Travel grants to professional conferences
• Training grants
  – specialized course/workshop
  – lab visit to learn a technique
• Faculty grants (check with your advisor)
Grants come from a diversity of sources

- Government
  - Federal grants (NSF, NIH, EPA)
  - State grants (DEQ, ODOT, ODFW)
- University-level grants (research + travel)
- Professional societies (Sigma Xi)
- Private groups
  - Companies (Anheuser-Busch)
  - Foundations (Bill and Melinda Gates)
Why should you apply for research grants?

• To get money to fund your research
  – buy essential equipment/supplies
  – expand your work in new ways
  – free up your time (via hiring a technician)

• For professional development
  – demonstrates your ability to obtain funding
  – advisors really like it
  – OSU really likes it
Why should you apply for research grants?

• For laying the foundation for your work
  – “proposal writing is clear thinking, plain and simple”
  – verbalizing is easy; writing gets you into the details
  – demonstrates novelty of your research
  – provides an outline for your thesis chapter/article
Case study: funding a Ph.D. with small grants

• 2002-2003:
  – Applied for 10 grants
  – Awarded 5 grants for $8925

• 2004-2007
  – Applied for 20 grants
  – Award 8 grants for $29700

• Awarded 6 travel grants for $3890

$42,515 towards my Ph.D. research!!
Four final suggestions

1. Submit at least 1 proposal per year
   – show your granting ability early
   – you won’t be funded forever
   – often high success rates for student grants

2. Build off previously-written proposals
   – leverage funding you’ve already obtained
   – multiple proposals may be needed to demonstrated project feasibility
Four final suggestions

3. Construct your budget carefully
   – include all items needed for research, even if grant can’t cover all of them
   – budget justification is key to demonstrate need

4. Focus on the potential payoff
   – if you work 5 hours and get a $2500 grant...
   ...you got paid $500/h for working on your thesis!!
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Graduate School Website:
gradschool.oregonstate.edu/

Financial Aid and Scholarships Website:
Financialaid.oregonstate.edu