Why International?

- **Access** to unique facilities and equipment
- **Share** costs and risks
- **Exchange** techniques and insights
- **Strengthen / Expand** knowledge base
- **Attract** talent
- **Pursue** personal / professional goals
- **Address** national, transnational or global problems
- **Foster** science diplomacy
- **Access** foreign markets

**Resources**

**Capacity**

**Global Objectives**
Drivers For International Engagement

- **RESEARCH**
- **EDUCATION**
- **CAPACITY BUILDING**
Ask yourself these questions…

• What are my international interests, and are they - basic, applied, education and/or capacity building?
• What are the drivers of my international interests?
• Who will fund my interests?
• How can I begin a collaboration?
Other agencies

Independent Agencies

U.S. President

Office of Management and Budget
Office of Science and Technology Policy
Other boards, councils, etc.

Major Departments

Agriculture
Health Human Services
State
Transportation
Defense
Energy
Commerce

Agriculture
Health Human Services
State
Transportation
Defense
Energy
Commerce

Other agencies
Total R&D by Agency, FY 2017

budget authority in billions of dollars, including new mandatory

DOD, $73.7
HHS (NIH), $32.7
DOE, $17.4
NASA, $12.9
NSF, $6.5
USDA, $2.9
Commerce, $1.9
All Other, $6.2

Total R&D = $154.3 billion

Source: OMB R&D data, agency budget justifications, and other agency documents and data. R&D includes conduct of R&D and R&D facilities. © 2016 AAAS
CAPACITY BUILDING
Other agencies

Independent Agencies

U.S. President

Office of Management and Budget

Office of Science and Technology Policy

Other boards, councils, etc.

Major Departments

Agriculture

Health Human Services

State

Transportation

Defense

Energy

Commerce

Office of Science and Technology Policy

Office of Management and Budget
Federal Foreign Aid Funding Budget FY 2015

Source: http://www.foreignassistance.gov/
Feed the Future Innovation Labs

Feeding the Future Innovation Labs draw on the expertise of top U.S. universities and developing country research institutions to tackle some of the world's greatest challenges in agriculture and food security.
U.S. GLOBAL DEVELOPMENT LAB

The United States Agency for International Development (USAID) has joined with several U.S. Government (USG) supported agencies to support Partnerships for Enhanced Engagement in Research (PEER). Administered by the U.S. National Academy of Sciences (NAS), PEER is a competitive grants program that invites scientists in developing countries, partnered with USG-supported collaborators, to apply for funds to support research and capacity-building activities on topics with strong potential development impacts. This innovative program is designed to leverage the investments other USG-supported agencies have made in scientific research and training while supporting the initiatives of developing country scientists.

Learn more...

This program is sponsored by USAID in partnership with the following U.S. Government-supported agencies:
2014 U.S. Contributions: $358.38 billion by type of recipient organization (billions of dollars – figures rounded)

Source: Giving USA Foundation I Giving USA 2015
<table>
<thead>
<tr>
<th>Foundation Name</th>
<th>Grants Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>GATES FOUNDATION, BILL &amp; MELINDA</td>
<td>248,222,870</td>
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<tr>
<td>WALTON FAMILY FOUNDATION, INC.</td>
<td>110,314,500</td>
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<tr>
<td>TURNER GLOBAL FOUNDATION</td>
<td>50,000,000</td>
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<tr>
<td>FORD FOUNDATION</td>
<td>47,634,880</td>
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<tr>
<td>FOUNDATION TO PROMOTE OPEN SOCIETY</td>
<td>41,655,679</td>
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<tr>
<td>ADELSON FAMILY FOUNDATION</td>
<td>33,550,000</td>
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<tr>
<td>MACARTHUR FOUNDATION, JOHN D. AND CATHERINE T., THE</td>
<td>29,278,000</td>
</tr>
<tr>
<td>HEWLETT FOUNDATION, WILLIAM AND FLORA, THE</td>
<td>26,718,499</td>
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<tr>
<td>BUFFETT FOUNDATION, HOWARD G.</td>
<td>23,336,114</td>
</tr>
<tr>
<td>CARNEGIE CORPORATION OF NEW YORK</td>
<td>19,974,600</td>
</tr>
<tr>
<td>BUFFETT FOUNDATION, SUSAN THOMPSON, THE</td>
<td>19,958,945</td>
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<tr>
<td>SILICON VALLEY COMMUNITY FOUNDATION</td>
<td>16,655,155</td>
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<tr>
<td>OPEN SOCIETY INSTITUTE</td>
<td>16,519,486</td>
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<tr>
<td>SKOLL FOUNDATION, THE</td>
<td>14,499,000</td>
</tr>
<tr>
<td>CATERPILLAR FOUNDATION</td>
<td>12,408,861</td>
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<tr>
<td>OMDIYAR NETWORK FUND, INC.</td>
<td>12,302,871</td>
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<tr>
<td>JOHNSON &amp; JOHNSON FAMILY OF COMPANIES FOUNDATION</td>
<td>12,181,418</td>
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<tr>
<td>GE FOUNDATION</td>
<td>12,154,520</td>
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<tr>
<td>SCHUSTERMAN FAMILY FOUNDATION, CHARLES AND LYNN</td>
<td>10,958,819</td>
</tr>
<tr>
<td>ROCKEFELLER FOUNDATION, THE</td>
<td>10,321,903</td>
</tr>
<tr>
<td>WEINBERG FOUNDATION, HARRY AND JEANETTE, INC., THE</td>
<td>7,355,000</td>
</tr>
</tbody>
</table>

http://data.foundationcenter.org/#/fc1000/subject:all/all/top:foundations/list/2012
Example: My international interests are discovery-based research or education.

Let’s explore international at NSF.
• NSF is a **domestic** science funding agency that funds **extramural, fundamental** research (no intramural research or applied/derivative research)

• Based on merit review, NSF funds researchers, predominantly through their **U.S. institutions** (80% of funding to universities)

• NSF funds U.S.-based researchers to work internationally, but **does not fund** capacity building or international researchers
• Intellectual partnerships and mutual benefit are clear

• U.S. students and junior researchers are engaged internationally

• Global networks linking expertise and resources are common

Make a case in your proposal!
NSF Programmatic Organization

NSF Office of the Director
- Office Integrative Activities (OIA)
- Office of International Science and Engineering (OISE)

NSF Directorates
- Biological Sciences (BIO)
- Computer and Information Science and Engineering (CISE)
- Education and Human Resources (EHR)
- Engineering (ENG)
- Mathematical and Physical Sciences (MPS)
- Geosciences (GEO)
- Social, Behavioral and Economic Sciences (SBE)
Most international research and education activities are funded by NSF disciplinary programs:

- As part of regular awards
- As supplements to regular awards
### NSF Funding Opportunities

Opportunities for MSU Faculty to Get NSF Support for International Student Research

- (International) Research Experiences for Undergraduates (iREU) and REU Supplements to existing NSF awards
- International Research Experiences for Students (IRES) managed by NSF’s Office of International Science and Engineering
Opportunities for MSU Students to Get NSF Support for International Student Research

- [Graduate Research Fellowship Program](#) (GRFP/GROW)
- [East Asia Pacific Summer Institutes (EAPSI)](#)
- (International) [Postdoctoral Research](#)
Graduate Research Opportunities Worldwide: An International Opportunity for NSF-funded Graduate Research Fellows

- Offers opportunities to NSF Graduate Research Fellows for 2-12 month international research collaborations
- 2016 Partners: Australia, Austria, Brazil, Chile, Denmark, Finland, France, India, Ireland, Japan, Korea, Netherlands, Norway, Singapore, Sweden, and Switzerland
- Contact: grow@nsf.gov

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504876
Office of International Science and Engineering

Graduate Research Opportunities Worldwide (GROW)

GROW 2015-2016

A new GROW Dear Colleague Letter, NSF 16-012, has been released. GROW expands opportunities for U.S. graduate students to engage in international research collaboration. GROW is open to only active awardees of the Graduate Research Fellowship Program (GRFP). The submission deadline is December 4, 2015. For the upcoming competition, in addition to existing GROW partner countries: Australia, Austria, Brazil, Chile, Denmark, Finland, France, India, Ireland, Japan, Korea, Netherlands, Norway, Singapore, Sweden and Switzerland, new opportunities are available with Mexico. Additional partners may be added before the deadline.

AOR Certification Requirement for Proposals

- The AOR is your home institution's Authorized Organizational Representative. GROW applicants should contact their GRFP coordinating official to identify their AOR for GROW proposals.
- The AOR certification form can be found below under "Related URLs"
- The signed AOR certification form must be uploaded with your proposal as a Supplementary Document.

CONTACTS

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Phone</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Tankersly</td>
<td><a href="mailto:rtankers@nsf.gov">rtankers@nsf.gov</a></td>
<td>(703) 292-8694</td>
<td></td>
</tr>
<tr>
<td>Anne Emig</td>
<td><a href="mailto:grow@nsf.gov">grow@nsf.gov</a></td>
<td>(703) 292-8694</td>
<td></td>
</tr>
</tbody>
</table>
East Asia and Pacific Summer Institutes (EAPSI)

Graduate student research experiences at host institutions in Australia, China, Japan, Korea, New Zealand, Singapore, or Taiwan; **November 12, 2015 deadline**

- $5,000 stipend for 8-10 weeks from June to August
- Pre-departure orientation in Washington, D.C.
- International round-trip airfare to the host location
- Orientation to science and culture at each location
- Abroad living expenses by host country

**NSF 13-593**
East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI)

Attention EAPSI 2016 Applicants

Proposal submission deadline for Summer 2016 is Thursday, November 12, 2015, 5:00 pm proposer's local time.

EAPSI Q&A Webinar for Applicants will be conducted at 11:30 am ET on Monday, November 9, 2015. To participate in the webinars, you will need a computer with Internet access AND a telephone.


2. Please dial 1-888-950-8071, use your phone to enter participant passcode 3366618. Participants will join in listen-only mode until Q&A session is announced.

We look forward to your participation.

CONTACTS

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Phone</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anne_Emiq</td>
<td><a href="mailto:eapsi@nsf.gov">eapsi@nsf.gov</a></td>
<td>(703) 292-7241</td>
<td></td>
</tr>
<tr>
<td>Elena_Hillenburg</td>
<td><a href="mailto:eapsi@nsf.gov">eapsi@nsf.gov</a></td>
<td>(703) 292-2993</td>
<td></td>
</tr>
</tbody>
</table>

PROGRAM GUIDELINES

Solicitation 13-593
How can I find resources?
Federal Funding Resources
Welcome to Newton’s List, a tool for funders and grantseekers interested in collaborative international research and education.

Post a Funding Opportunity
For individuals looking to share information on a current funding opportunity, click here

Search for Opportunities
For scientists and researchers seeking support, click here

Share Your Thoughts
Tell us about your experience with Newton’s List
Take our survey for grantseekers and funding agency representatives
Have a story about how Newton’s List helped you? Email us at newtonslist@crdfglobal.org
Help Syrian Students & Scholars
Donate now to help refugee students and threatened scholars return safely to a classroom.

Give Online Now
Za’atari Refugee Camp, Mafraq, Jordan (April 2013)

News & Events
IIE Releases Open Doors 2015 Data
International students in the U.S. up ten percent. Study abroad by American students picks up momentum.

IIE Delegation Explores Cuba Partnerships
Twelve U.S. university representatives visited Cuba to explore potential partnership opportunities through IIE’s Cuba Higher Education Initiative.

IIE Launches Artist Protection Fund Application
Threatened artists around the world can now apply online to the Artist Protection Fund for fellowship support.

Call for Applications for China Fellowships
U.S.-based graduate students may apply to the Confucius China Studies Program Fellowship until

Inside IIE

Program Spotlight
The Fulbright Program, the U.S. Government’s flagship international exchange program, is administered by IIE.

Find a Program

Discover more by visiting IIE's Gateway for Students.
Interactive Map of Direct Grants by U.S. Grantmakers to Non U.S. Recipients

About the maps

Year:  

International Giving, $18,915,032,939 to 23,805 Recipients for 75,378 Grants
OVPRGS Funding Opportunities Database - All

This funding opportunities database maintained by the Office of the Vice President for Research and Graduate Studies contains selected grant opportunities that may be of interest to the MSU community. Follow the procedures and guidelines when submitting Institutionally Limited pre-proposals.

Institutionally limited funding programs and fellowships are available for graduate students and are managed by the Graduate School. Please contact the office for more information or to receive approval to move forward with an application.

The Graduate School
Chittenden Hall
466 W Circle Dr., Room 230
East Lansing, MI 48824 US
517-353-3220

http://grad.msu.edu/funding/

Back to Find Funding

<table>
<thead>
<tr>
<th>Title</th>
<th>Letter of Intent/Pre-Proposal Deadline</th>
<th>Internal Deadline</th>
<th>External Deadline</th>
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</thead>
<tbody>
<tr>
<td>NIH PA-12-274 Examination of Survivorship Care Planning</td>
<td>01/07/2016 (All day)</td>
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<tr>
<td>Efficacy and Impact [R21]</td>
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<td>NIH PA-12-275 Examination of Survivorship Care Planning</td>
<td>01/07/2016 (All day)</td>
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<td>Efficacy and Impact [ROI]</td>
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<tr>
<td>The Michelson Prize &amp; Grants</td>
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<tr>
<td>NIH PA-12-280 HIV/AIDS, Drug Use, and Vulnerable Populations in the US</td>
<td>01/07/2016 (All day)</td>
<td></td>
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<tr>
<td>(ROI)</td>
<td></td>
<td></td>
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</tbody>
</table>
GRANTS AND RELATED RESOURCES

1. The Funding Center: A Foundation Center Affiliate
   Who Can Use It? | Where Is It? | When Is It Available for Use?
   Special Services | Are There Other Funding Information Network Partner Collections?

2. Grants and Related Resources Blog

3. Grants for Nonprofits (By Subject Categories)

4. Grants for Individuals (By Academic Level, Population Group, and Subject)

5. Funding for Business or Economic Development

6. Federal Funding Tools and Links

7. State of Michigan Funding Links

8. National Grant Makers

9. Michigan Grant Makers

10. Michigan Community Foundations

11. Lansing Area Grant Makers

12. Local Service Clubs

13. 990-PF Finding Tools

14. International and Foreign Grant Makers

15. Key MSU Web Pages Related To Funding Opportunities

16. Grantsmanship Techniques (Books)

17. Academic Fundraising

18. Fundraising for Educators

19. Religious Fundraising

20. Nonprofit Fundraising
![Cookies Disabled](image)

- Your browser currently does not accept cookies.
- Cookies need to be enabled for SciVal Funding to function properly.
- Please enable session cookies in your browser and try again.

---

### Browse Opportunities

- **Sponsor location:**
  - Europe
  - North America
  - South America
  - Asia Pacific
  - Africa
  - Middle East

- **Special interest:**
  - Limited submission
  - Amount over 1,000,000
  - Deadline within three months
  - Multidisciplinary
  - Foundation or private sponsor

- **Subject Area:**
  - Physical Sciences and Engineering
  - Life Sciences
  - Health Sciences

---

### Search the most comprehensive source of funding information

- [Search Funding](#)

- ![Opportunities](#)

- ![Awarded grants](#)

- ![Sponsors](#)

---

### SciVal Funding Coverage

SciVal Funding comprehensively covers grants from Australia, Canada, the European Commission, India, Ireland, New Zealand, Singapore, South Africa, the United Kingdom, and the United States.

With more than 12,000 international sponsors, providing more than 23,000 active opportunities, there are many funding opportunities for which researchers both inside and outside of these countries are eligible.

---

### Personal Recommendations

Retrieve your publication profile to see targeted funding opportunity recommendations.

- ![Retrieve your funding profile](#)

---

### Get Started

- **Tutorial 1:** How do I find sponsors interested in funding my research?
- **Tutorial 2:** How can awarded grants help me find relevant opportunities?
- **Tutorial 3:** How do I create a search profile to personalize my recommendations?
DeAndra Beck
Associate Dean for Research

MSU International Studies and Programs

beckdean@msu.edu