
Funding Opportunities: Sources from the United States for International Researchers and Collaborators

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3rd IUPAP Conference on Women in Physics
Seoul, Korea

Finding Grants

- Grants.gov (www07.grants.gov/)
 - source for finding and applying for U.S. federal government grants
 - central storehouse for over 1,000 grant programs
 - provides access to ~ 500 billion USD annually
- Foundation Center, Information for International Visitors
 - <http://foundationcenter.org/getstarted/international/>
 - information on international grantmaking by U.S. foundations for those outside the United States.
 - website includes statistics, courses, books and information (some for sale).



National Science Foundation (NSF) – Office of International Sciences and Engineering (OISE)

<http://www.nsf.gov/div/index.jsp?org=OISE>

- focal point for international science and engineering activities inside and outside NSF.
 - supports programs to expand and enhance international research and education opportunities for U.S. scientists and engineers, especially at the early career stage.
 - works to strengthen institutional partnerships throughout the global science and engineering research and education community.
 - supports international collaborations
- List of NSF Program Officers by Country/Region:

<http://www.nsf.gov/od/oise/country-list.jsp>

OISE Programs and Funding Opportunities

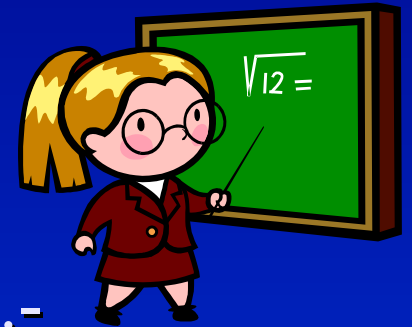
- Partnerships for International Research and Education (PIRE)
 - supports collaborative research and education between U.S. and international institutions.
- Pan-American Advanced Studies Institutes Program (PASI)
 - short courses for advanced graduate students and postdocs in the Americas.
- Community-based Data Interoperability Networks (INTEROP)
- Domestic Nuclear Detection Office/National Science Foundation Academic Research Initiative (ARI)
- Explosives and Related Threats: Frontiers in Prediction and Detection (EXP)
- International Polar Year, 2007

OISE Programs (con't)

- International Research and Education: Planning Visits and Workshops
 - for the early phases of developing research and education activity between US and an international partner.
- International Research Fellowship Program (IRFP)
 - Fellowships for young researchers who are American citizens/permanent residents to conduct research outside the U.S.
- International Research Experiences for Students (IRES) and Doctoral Dissertation Enhancement Projects (DDEP)
 - supports U.S. undergraduate and doctoral students to work abroad with an investigator outside the U.S..
- East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI)

Partnerships for International Research and Education (PIRE)

- collaborative research and education between U.S. and international institutions
- Some recent titles:
 - Percolative and Disordered Systems: A U.S.-Brazil-Netherlands Based International Collaboration
 - U.S.-Japan Cooperative Research & Education: Ultrafast and Nonlinear Optics in 6.1-Angstrom Semiconductors
 - Collaborative research with the Paul Scherrer Institute and Eidgenoessische Technische Hochschule on Advanced Pixel Silicon Detectors for the CMS detector
- typical award amount ~1,000,000 USD



National Science Foundation

- investigators may also:
 - include international components in new proposals submitted to any relevant NSF program
 - request supplemental funding for projects already supported by NSF
- NSF and USAID (United States Agency for International Development)
 - April 2008: Memorandum of Understanding (“we want to work together”)
 - Contact person at NSF: Wayne Patterson wpatters@nsf.gov
 - <http://www.nsf.gov/attachments/111504/public/USAID-NSF-MOU-signed-version.doc>

Office of Naval Research (ONR) Global

- international presence for ONR.
- promotes science and technology collaboration of mutual benefit between the US and researchers around the globe.
- Visiting Science Program
 - <http://www.onrglobal.navy.mil/vsp.asp>
 - Supports short visits between Department of Navy (DoN) personnel, contractors and grantees and international scientists and technologists
- Conference Support Program (CSP)
 - <http://www.onrglobal.navy.mil/csp.asp>
 - provides financial support for international workshops and/or conferences
- Naval International Cooperative Opportunities in Science and Technology Program (NICOP)
 - <http://www.onrglobal.navy.mil/nicop.asp>
 - encourage international science and technology (S&T) collaboration in areas of Naval interest by providing seed funding when the ONR Headquarters or other U.S. government agencies commit to program funding.
 - Applications accepted on a continuous basis.

National Institutes of Health, Fogarty International Center for Advanced Study in the Health Sciences

<http://www.fic.nih.gov/index.htm>

- International Center of U.S. National Institutes of Health
- Support global health issues through:
 - partnerships between health research institutions in the U.S. and abroad.
 - training the next generation of scientists to address global health needs.
- List of research grants:
http://www.fic.nih.gov/programs/research_grants/index.htm
- List of training grants:
http://www.fic.nih.gov/programs/training_grants/index.htm

Guggenheim Fellowship

<http://www.gf.org/>

- Sponsored by the Guggenheim Memorial Foundation
- for advanced professionals (mid-career or later) to engage in research (or creation of the arts)
- Two separate competitions:
 - US and Canadian Competition (due September 15)
 - Latin American and Caribbean Competition (due December 1)
- Typically 1 year. Minimum six months.
- In 2008: 35 Latin American and Caribbean Fellowships (average award USD 34,000)

USAID's Middle East Regional Cooperation Program (MERC)

http://www.usaid.gov/our_work/merc/program_description.html

- promotes scientific cooperation between Arab and Israeli researcher communities.
- projects must be relevant to development in the Middle East.
- funds many types of projects, including agriculture, water resources, health and the environment.
- Projects must include at least one Israeli and one Arab institutional partner.
- Presently, has active grants in Israel, Jordan, Egypt, West Bank/Gaza, Morocco, Tunisia, and Lebanon.
- Pre-Proposal Guidelines:
http://www.usaid.gov/our_work/merc/pre-proposal_guidelines.pdf
- Upcoming pre-proposal deadline: December 15, 2008

U.S. Civilian Research & Development Foundation (CRDF)

- nonprofit organization
- promotes international scientific and technical collaboration through grants, resources, and training.
- Most programs are with former Soviet bloc countries.
- List of current funding opportunities
<http://www.crdf.org/funding/>
- Some current opportunities (deadlines):
- Georgia:
 - 2008 Georgian National Science Scholars Program (Oct. 30, 2008).
- Russia:
 - CGP-RFBR Multidisciplinary Climate Change Competition (Dec. 1, 2008).

U.S. Civilian Research & Development Foundation (CRDF)

More current funding opportunities (deadlines):

- Kazakhstan:
 - STEP Business Partnership Grants Competition in (Dec. 15, 2008).
- Ukraine:
 - Business Partnership Grants Competition (Dec. 15, 2008).
 - CREST 2008 Competition for a Research and Education Center for Energy Efficiency Technologies (Sept. 15, 2008).
 - 2008 Junior Scientists Research Collaboration Program (Ukraine/US) (Dec. 15, 2008).
 - CGP 2008 Multidisciplinary Climate Change Competition (Dec. 1, 2008).

<http://www.crdf.org/funding/>

United States-Israel Binational Science Foundation

<http://www.bsf.org.il/Public/homepage/homePage.asp>

- established by the governments of the U. S. and Israel.
- to foster scientific cooperation between the two countries.
- supports cooperative research projects in many scientific fields, including physics.
- Both basic and applied research.
- Accept proposals annually.
- This year's submission deadline: November 17, 2008.
- Currently calling for proposals:
 - workshop that brings together Israeli, American and Palestinian scientists for developing partnership research projects.
 - Deadline: December 19, 2008.

Final Thoughts

- Build Networks
- www.google.com
- my project fits agencies goals?
- ASK!

