



External Funding for International Research

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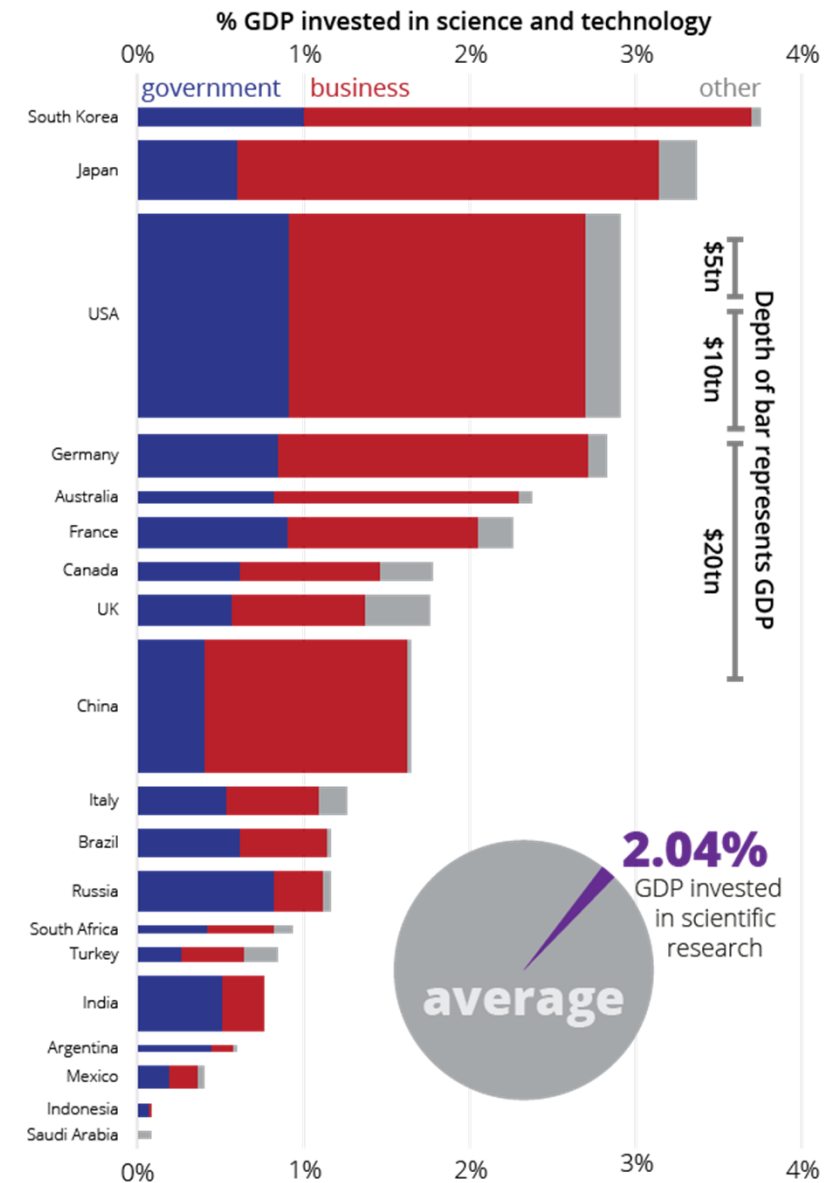


- Internationalization of research efforts has multiple benefits
 - Broadens the scientific question and context
 - Enhances research capacity of partners (US and international)
 - Some evidence that it has broader impact, as measured by citations
 - Provides important “surveillance” aspect, allow us to know the global “state of the art” in our own fields
- One of GPS’ goals is to identify and track potential external funding sources for international collaboration, research, and education

External Funding Overview



- Sources of external funding are changing
 - Earlier, more funding out of organizations like AID, etc.
 - Currently, more funding from foreign nations designed to enhance their own research capacity



Public and private funding of science and technology in the G20

Data from most recent UNESCO 'Gross Expenditure on R&D by source of funds' (PPP) scienceogram.org

Types of Sources



- US government:
 - NSF, USAID, NIH, Dept of State
 - Usually in the form of a supplement for international collaboration
- Foreign governments and organizations
 - Often there is funding to support grad students/post docs, to upgrade skills
 - Actual research money usually doesn't flow out of the country, except in the form of scholarships
 - Potential leveraging of govt with institutional funds to create collaborations
- Others?

Horizon 2020



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Increase overall scale, scope, and strategic character of EU-U.S. cooperation in marine and arctic studies, health, advanced materials, and transportation; €80 billion in research funding available

Eligible research:

- Grants available to Individuals, Networks, and Institutions.
- Starting grants for 2-7 years after PhD
- Consolidator grants for 7-12 years after PhD
- Advanced Grants with a track record of significant research achievements
- Proof-of-Concept grant for marketable innovation
- Synergy Grants for Principal Investigators

For CFP information: <http://ec.europa.eu/programmes/horizon2020/en>

EU Funding



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Marie Skodowska-Curie Scholarship: Provides grants and fellowships for a broad range of pre or post-doctoral research as well as for the experienced researcher

- Funding for projects lasting from one month to one year including support research, training and networking activity. Funding for RISE (Research and Innovation Staff Exchange) project can last up to four years.
- Supports all scopes of work.

For more information : http://ec.europa.eu/research/mariecurieactions/index_en.htm

Euraxess: A unique pan-European initiative providing access to a complete range of information and support services to researchers wishing to pursue their research careers in Europe or stay connected to it.

For more information: <http://ec.europa.eu/euraxess/>

Indonesian Government Funding



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Indonesian Directorate General of Higher Education (DIKTI) & LPDP Master and Doctoral Scholarship Program for Indonesian Students

- \$1.4 billion in funding for graduate degrees 2-4 years in duration.
- Scholarships are limited to those studying engineering, science, agriculture, accounting / finance, law, religion, medicine & health, social science, and economics.
- No restrictions on scope of study.

For more information contact:

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GRE Funding- The US – Indonesia Joint Counsel on Higher Education Partnership is in the process of creating funds that will pay for Indonesian student's GRE fees. Taking the GRE is cost prohibitive in Indonesia and this program hopes to increase the number of qualified applicants to higher education opportunities.

Confucius Institute



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Funding provided by the Confucius Institute Headquarters to enhance the understanding of China and Chinese culture. Programs are available for research, graduate students, and undergraduates. Funding is available for 2 week visits up to 2 years for research projects.

The programs consist of six subprograms in the areas of humanities and social sciences.

- Joint Research Ph.D. Fellowship
- Ph.D. in China Fellowship
- “Understanding China” Fellowship
 1. “Understanding China” visiting scholar to China
 2. “Understanding China” short term visits
 3. “Understanding China” Chinese visiting scholar
- Young Leaders Fellowship
- International Conference Grant
- Publication Grant

For more information: <http://confucius.tamu.edu/Main-Menu/Funding-Opportunities>

Nigeria Government Funding



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Petroleum Technology Development Fund (PTDF)

- Provide payment for tuition fees, accommodation and living expenses to successful Nigerian scholars who are trained at both the Masters and Doctorate levels mainly in select Universities
- Funding available for research in Petroleum Engineering and Chemical Engineering.

Deadlines and eligibility may be found at <http://www.ptdf.gov.ng/index.php/events-1/research>

German Academic Exchange Service



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(DAAD): A publicly-funded independent organization of higher education institutions in Germany that provides programs and funding for researchers, undergraduates, graduate students and other in higher education, providing financial support to over 67,000 individuals per year .

Multiple fields of study including:

- Visual and Performing Arts
- Architecture
- Science and Engineering
- Law
- Language

For deadlines and application information: <https://www.daad.org/>

National Science Foundation



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(NSF): An independent US federal agency created by Congress in 1950 "to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense..."

- Annual budget of \$7.2 billion supporting approximately 24% of all federally funded basic research in colleges and universities
- Funds approximately 25% of all proposals submitted
- Funding available to most fields of science and engineering

Partnerships for International Research and Education (PIRE): A program within NSF that promotes international collaboration. CFP due October 21, 2014, full proposal deadline is May 15, 2015

- Open to all areas of science and engineering research which are supported by NSF

For additional information : http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12819

Catalyzing New International Collaborations (CNIC): currently not accepting CFP

Fulbright Scholarship Program



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An International Educational Exchange Program sponsored by the U.S. Department of State's Bureau of Educational and Cultural Affairs, the Fulbright Program awards approximately 8000 grants annually, operating in over 155 countries.

Wide range of programs for:

- U.S. Scholars
- Visiting Scholars
- Institutional Programs

While not limited to, some projects funded by Fulbright include:

- Environmental Issues
- Public Health
- Food Security
- Education and other challenges

CFP deadlines and other requirements are dependent on the program the researcher is applying for.

For program information: <http://www.cies.org/>

Qatar National Research Fund



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Founded by the Qatar Foundation, QNRF

QNRF will provide opportunities for researchers at all levels, from students to professionals, whether in the academic, public or private sectors. Programs and projects funded by QNRF have the potential to generate multiple benefits for Qatar:

- Research results will help to improve education and health, spur technological innovation and adoption, conserve vital natural assets, and create intellectual property.
- Research-based education will place students in a discovery-oriented environment, expose them to the cutting edge of knowledge, and give them intellectual and problem-solving skills that will prepare them for leadership roles in business, government, the arts, and other sectors of life in Qatar.
- A better-educated and well-trained work force of men and women will provide a strong foundation for a broader economic base and the growth of new enterprise in Qatar.

Scope of funding:

- Energy and Environment
- Computer Sciences and ICT
- Health and life Sciences
- Social Sciences, Arts and Humanities

<http://www.qnrf.org/en-us/>

Obama- Singh 21st Century Knowledge Initiative Awards with the United States-India Educational Foundation



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Currently focused on collaboration between U.S. and India. The OSI (Obama-Singh Initiative)

- Offers Fellowships
- International participants to study in the U.S.
- Promotes Institutional Collaboration

Scopes of study currently accepting proposals include:

- Energy
- Climate Change & Environmental Studies
- Education & Educational Reform
- Public Health
- Sustainable Development & Community Development
- International Relations & Strategic Studies.

<http://www.usief.org.in/Institutional-Collaboration/Obama-Singh-21st-Century-Knowledge-Initiative-Awards.aspx>