

A decorative teal graphic with a curved, wave-like shape on the left side, fading into a lighter teal background on the right.

Joint Research Funding Opportunities

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“International cooperation in science is not a luxury; it is a necessity – and the foundation for the future.”

Arden L. Bement, Jr. NSF Director May 2006

International Research Funding

- for individual scholars (fellowships, sabbaticals)
- for short term research visits
- for workshops/conferences
- for academic staff exchanges
- for collaborative research projects

= A wide range of funding sources available to support individual mobility and collaborative research projects spanning the Atlantic

The Big Players

- EU Research Framework Programme
- National Institutes of Health
- National Science Foundation
- National Research Councils in Europe
- Fulbright Programme, DAAD, PUF

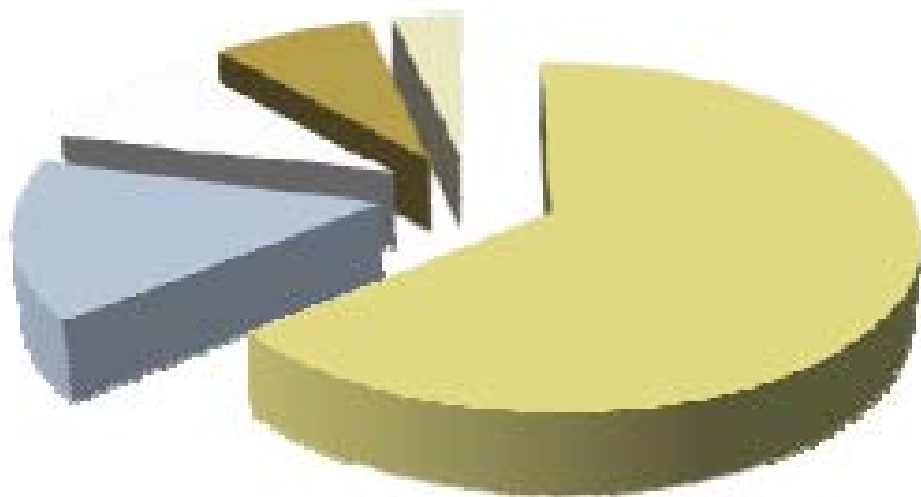
Other funding opportunities

- Foundations and Charities
 - eg. Cancer Research UK, Gates Foundation
- Private Companies and Business Associations
 - eg. EIROForum members
- EU programmes
 - eg. Erasmus Mundus (*for scholar mobility*)



Seventh EU Research Framework Programme

- 7th Framework programmes (2007-2013)
 - Euros 50,521 million [*\$78,610 million*]
 - Key policy areas: Research, Regional Development, Natural Resources
- Five general areas of research funding support the European Union's competitiveness agenda
 - Cooperation
 - Ideas
 - JRC
 - People
 - Capacities



- Co-operation
€32.4bn/\$50.4bn
- Ideas €75.1bn/\$11.7bn
- People €4.75bn/\$7.3bn
- Capacities €4bn/\$6.3bn
- JRC €1.8bn/\$2.7bn

7th Framework Participating Countries

EU-27

Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Ireland, Latvia, Lithuania, Luxemburg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, UK

FP7 Associated Countries (AC)

Switzerland, Israel, Norway, Iceland, Liechtenstein, Turkey, Croatia, Former Yugoslav Republic of Macedonia, Serbia, Albania and Montenegro



ERC
Researcher Grants

ERC grants are available to researchers from all over the world

- Support for basic research (*542 million Euro in 2008 to 275 projects*)
- All scientific fields, peer-reviewed selection
- No transnational partnerships nor consortia are required
- Excellence is the major selection criterion



People:
Marie Curie Fellowships

Make Europe more attractive to researchers

€4.75 billion [*\$7.3 billion*] over 7 years

Research Fellowships for EU & non-EU citizens

- International Incoming Fellowships (IIF)
- International Outgoing Fellowships (IOF)
- Intra-European Fellowships (IEF)
- International Reintegration Grants (IRG)
- International Research Staff Exchange Scheme (IRSES)



National Institutes of Health

Mission: *supporting research which contributes to extending healthy life and reducing the burdens of illness and disability*

NIH funds grants, cooperative agreements, contracts

- International collaboration may be integrated into research project grants.

- there are also specific grants for international projects



National Science Foundation

- NSF is an independent government agency
 - Funds science and engineering research at US institutions (*2009 budget = \$6.4 billion*)
- International research funding opportunities:
 - Available across the foundation's research directorates, eg. the NSF Office of International Science & Engineering
 - Some general grants allow for top-ups for including an international element
 - Various specific activities including PIRE



Canadian Research Councils

- Natural Sciences and Engineering Research Council of Canada
- Social Sciences and Humanities Research Council
- Canadian Institutes of Health Research



National Research Councils In Europe

National Research Councils (see EUROHORCS website):

- UK Research Councils (seven)
- FWF - Austrian Science Fund (*der Wissenschaftsfond*)
- CSIC - The Spanish National Research Council (*Consejo superior de investigaciones cientificas*)
- AKA - The Academy of Finland (*Suomen Akatemia*)
- Nordic Research Councils
- DFG - German Research Foundation (*Deutsche Forschungsgemeinschaft*)
= European Science Foundation

UK Research Councils

- Arts and Humanities Research Council (AHRC)
- Biotechnology and Biological Sciences Research Council (BBSRC)
- Engineering and Physical Sciences Research Council (EPSRC)
- Economic and Social Research Council (ESRC)
- Medical Research Council (MRC)
- Natural Environment Research Council (NERC)
- Science and Technology Facilities Council (STFC)

UK Research Councils support research through three principal mechanisms:

- project or programme funding to institutions, as part of the dual support system
- By funding research in their own research facilities (some are located in universities)
- By providing access to large facilities for UK researchers

From the international perspective, there are some specific joint calls, and direct funding for UK researchers to take sabbaticals abroad

DFG – German Research Foundation

- Individual Grants Programme
- Coordinated Programmes (*Exzellenz Initiativ*)
- Funding Scientific Infrastructure
- Scientific Contacts
- Promoting Young Researchers (*Emmy Noether etc*)
- Scientific Prizes

Fulbright Program

- sends U.S. academics and professionals overseas
- Brings scholars and professionals from abroad to the U.S.
- Over 800 awards in over 130 countries
- Sponsored by U.S. Department of State, Bureau of Educational and Cultural Affairs

Partner University Fund

Established in 2007

Supports partnerships between French and US institutions

PUF is a single funding tool to support multifaceted partnerships

(including joint research, mobility of professors + students + post docs, shared curricula and degrees).

- Partnerships receive \$80,000 annually over 3 years, but require substantial matching funds (a further 70% of institutional co-funding)



**Deutsche Akademische
Austausch Dienst
(DAAD)**

- German national agency for international academic cooperation and exchange (*\$450 million budget*)
- Promoting science, research, language and teaching
- Connects all countries with Germany and German researchers, through an extensive network of offices around the world
- Research funding opportunities include:
 - Research Visits
 - PhD/Post-doc Research Grants
 - Research Fellowships in German research institutes



Objectives and Responsibilities

Individual Scholarships for Foreigners

To promote young, international elites at German higher education institutions and research institutes

Individual Scholarships for Germans

To promote young German academics and scientists in their studies and research abroad

Internationalizing the Higher Education Institutions

To increase the international appeal of Germany's higher education institutions and research institutes for students, academics and scientists from around the world

Educational Cooperation with Developing Countries

To promote the academic, scientific, economic and democratic advancement of the developing and reform countries

Promoting German Studies and the German Language Abroad

To raise interest in the German language and culture and a knowledge of and empathy with Germany through (worldwide) cultural exchange

Coimbra Balance Partners

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