SCIENCE,TECHNOLOGY AND INNOVATION IN BRAZIL

PROGRAM SCIENCE WITHOUT BORDERS

http://www.cienciasemfronteiras.gov.br

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Characteristics of the Program

- A special program of international mobility in Science, Technology and Innovation
- Excellence
- Industrial Interest
- Open or clustered approach

Objectives of the Program

- Offer 101.000 scholarships – 1ST. Phase- launched on December 13th 2011, valid until 2015.
- + 101.000 scholarships – 2nd. Phase – launched on June 25th 2014.
- The Brazilian Government funds 75.000 scholarships and Brazilian and international companies fund 26.000.

Objectives of the Program

- Promote the advancement of the Brazilian Science, Technology and Innovation and the competitiveness of the Brazilian industry through the expansion of the international mobility.
- Increase the presence of Brazilian students and researchers in international institutions of excellence.
- Expose Brazilian students and researchers to environments of competitiveness, entrepreneurship and innovation.

Objectives of the Program

- Strengthen the internationalization of Brazilian universities and research centers.
- Increase the innovative knowledge in the Brazilian industries.
- Encourage young talents and highly qualified researchers from abroad to work in joint projects in Brazil.

Priority Areas

- Engineering and other technological areas
- Pure and Natural Sciences
- Health and Biomedical Sciences
- Information and Communication Technologies
- Aerospace
- Pharmaceuticals
- Sustainable Agriculture Production

Priority Areas

- Oil, Gas and Coal
- Renewable Energy
- Biotechnology
- Nanotechnology and New Materials
- Technology for Prevention and Mitigation of Natural Disasters
- Biodiversity and Bioprospection
- Marine Sciences
- Formation of Technical Personnel

Types of Scholarships

- Undergraduate (1 year) – 27.100
- Doctorate (1 year) – 24.600
- Full Doctorate (4 years) – 9.700
- Post Doctorate (1 or 2 years) – 8.900
- Young Talents (3 years) – 860
- Special Visiting Researcher (3 years) - 390
- Other types of scholarships – 3.360

Implementation of the Program

- National and International Public Calls
- Students are selected by the Ministry of Education (Capes) and the Ministry of Science, Technology and Innovation (CNPq).
- Merit criteria is applied in the selection of the students.

Foreign Languages Learning

- The Ministry of Education (CAPES) and the Ministry of Science, Technology and Innovation (CNPq) organize online courses and live classes.
- The duration of the classes may take 6 to 8 months, up to 1 year, specially in the cases of Russian, Chinese and German languages.

Foreign Languages Learning

. Immersion courses abroad are also funded, specially for Russian, Chinese and German languages.

. The Ministry of Education of Brazil has created the program “English without Borders” through which English language training is offered to the students.

Evaluation of the First Phase

- Number of scholarships authorized: 83.184
- Main challenges:
- First implementation of such large scale program of internationalization
- Large number of scholarships to be authorized

Main achievements

- Encouragement of new international partnerships.
- Importance of the proficiency in a foreign language.
- Possible interest of foreign researchers and scientists of high qualification.
- Importance of a foreign experience, specially in research centers and companies.

Opportunities for individuals from abroad

- Special Visiting Researcher

  This scholarship program aims to attract senior foreign researchers, recognized internationally as leadership in priority areas of the Science Without Borders Program, to conduct projects with Brazilian research groups and visit Brazil for up to three months each year over two to three years.

Opportunities for individuals from abroad

- Special Visiting Researcher

  Submission

  The proposal to receive a Special Visiting Researcher must only be submitted by the host researcher in Brazil, exclusively by internet, through the Online Application Form available in the website.

Opportunities for individuals from abroad

- Young Talents

  Young researchers working abroad with very good scientific accomplishments and who have excelled both qualitatively and quantitatively in their scientific and technological career are eligible to receive funding and resources to perform a two to three year-long research project in Brazil

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Finding Partners in Brazil

- INCT

  The National Institutes of Science and Technology (INCT) should promote the advancement of the country's competence in their respective areas of expertise and are expected to create attractive and stimulating environment for talented students of different levels, from high-school to post-graduate.

Finding Partners in Brazil

- INCT

  The program is also directly responsible for: a) training young researchers; b) support the installation and operation of laboratories in educational institutions and research centers; c) establishing programs that contribute to the improvement of science education and dissemination of science to ordinary people, and d) qualifying the country in their priority areas for regional and national development

Finding Partners in Brazil

- INCT

http://estatico.cnpq.br/portal/programas/inct/apresentacao

Finding Partners in Brazil

- LATTES PLATFORM

  An integrated database that enables the search for individuals, research groups and Research & Development institutions into a single Information System. Presently, the Platform has more than 135.000 million investigators' CVs stored.

Research Groups Database

- Research groups formed by personnel from different institutions, but regularly working together as a web can also be assessed in the Directory of Research Groups.

  http://dgp.cnpq.br/buscaoperacional/

Finding Partners in Brazil

- Institutions of Science and Technology

  It is also possible to search for Brazilian institutions actively involved in the country's Science and Technology system at the Directory of Institutions.

http://di.cnpq.br/di/cadi/consultaInst.do