

MORE INFORMATION AND INQUIRES

www.cienciasemfronteiras.cnpq.br/

sciencewithoutborders@cnpq.br



SCIENCE
WITHOUT BORDERS



CIÊNCIA
SEM FRONTEIRAS



CNPq
Conselho Nacional de Desenvolvimento
Científico e Tecnológico
60 ANOS

Ministério da
**Ciência, Tecnologia
e Inovação**

GOVERNO FEDERAL
BRASIL
PAÍS RICO É PAÍS SEM POBREZA

The Brazilian scientific mobility program

**A proposal for
international partners**

The mobility program proposed here aims to launch the seeds of what could revolutionize the R&D system, exposing Brazilian students and researchers to an environment of high competitiveness and entrepreneurship.

Characteristics

Excellence - the best students and researchers will study and undertake research in the best and most relevant Universities around the World.

Industrial interest - the program is already focused in areas of strong industrial interest (see Topics and areas of interest). Such focus on industrial interest will ensure that awardholders will have strong chances of employment in both industry and in academia. CNPq will consider proposals aimed at specific themes included in the program which may be of special interest for the partner.

Open or clustered approach - either an open or clustered approach of partnership is possible. Schemes targeting specific areas within key institutions around the world are welcomed and may help setting up genuine and competitive research teams.

Institutional links - The clustering approach will also lead to the establishment of solid academic links between key institutions.

Implementation following rigid standard CNPq practice - Selection of candidates will occur in accordance with the principles of the Science without Borders program at CNPq. Standard CNPq procedures for ensuring that fellows return to Brazil will be implemented. CNPq will also select students according to its standard procedure.

Co-funding - CNPq and the partner Organization will discuss modalities for sharing costs.

HOW TO PARTICIPATE IN THE SCIENCE WITHOUT BORDERS INICIATIVE

Implementing partnerships

Several ways are envisaged in how to participate in this effort:

International fellowships for students and researchers from Brazil

Brazilian selected students and researchers will have the opportunity to study and/or perform research in the best Universities worldwide. Industrial partners are invited to participate in such an effort:

Some partners have already accepted to bear the costs of academic tuition and fees. In some cases, an additional benefit for living in high-costs cities has also been arranged.

In all cases, industrial partners have agreed to open up opportunities for students and researchers from Brazil to perform activities in their R&D centers. Other schemes may be discussed.

Industrial fellowships and placements

The possibility that Brazilian fellows, both from industry and academia, can spend time working within industry is highly desirable.

Proposals with schemes that should target placements within their own technological operations or within relevant R&D units in its chain of suppliers will be discussed with interest.

Attracting world-leading researchers from abroad to Brazil

An extremely relevant aspect of the Science without Borders program is the attraction of young talented investigators as well as highly-accomplished scientists to undertake research in Brazil, either on a temporary basis or establishing themselves in Brazil.

Scientists from abroad may be based in academic institutions or in industrial R&D centers.

Industry may participate in this component in several ways. Among these: bearing the salary of the scientist equivalent to their home institutions allowing for extended stays in Brazil; financing the project to be performed locally, etc.

Topics and areas of interest

The research lines and research subjects of interest to the program are:

- Engineering and other technological areas;
- Pure and Natural Sciences (e.g. Mathematics, Physics, Chemistry);
- Health and Biomedical Sciences;
- Information and Communication Technologies (ICTs);
- Aerospace;
- Pharmaceuticals;
- Sustainable Agricultural Production;
- Oil, Gas and Coal;
- Renewable Energy;
- Minerals;
- Biotechnology;
- Nanotechnology and New Materials;
- Technology of prevention and remediation of natural disasters;
- Biodiversity and Bioprospection;
- Marine Sciences;
- Creative industry;
- New technologies in constructive engineering;
- Capacity building for technological personnel.