

Science without Borders

On July 26th, 2011, the President of the Federative Republic of Brazil, Mrs. Dilma Rousseff, released the *Science without Borders Program*, aimed at the development of technology, the stimulation of innovation processes and the growth of Brazilian competitiveness, through the promotion of academic mobility in areas defined as priorities for the national development. The project provides for the granting of up to 75.000 scholarships in the next four years by the Brazilian Government to students, professors and researchers, both at undergraduate and postgraduate level. The scholarships may last from six months to four years, depending on their category. It is expected that other 25.000 scholarships could be privately funded.

With an estimated budget of 3,16 billion reais (approximately 1,36 billion euros in September 2011), the Brazilian Government shall grant 40.000 scholarships through the Coordination for the Improvement of Higher Education Personnel (CAPES) and the Ministry of Education (MEC), as well as other 35.000 scholarships through the National Council for Scientific and Technological Development (CNPq), an agency of the Ministry of Science and Technology (MCT).

With this Program, the Brazilian Government expects not only to send Brazilian students to universities of excellence abroad, but also to receive foreign students in the Brazilian institutions of higher education, based on reciprocal exemptions of academic fees.

The 75.000 scholarships are divided into eight types:

- a) 27.100 Graduate Scholarships, in the sandwich mode (the students undertake a part of the study abroad);
- b) 24.600 PhD Scholarships, in the sandwich mode;
- c) 9.790 PhD Full Scholarships;
- d) 8.900 Postdoctoral Scholarships;
- e) 2.660 Senior Internship Scholarships, for students of higher education courses offered by Institutes of Technology and Professional Training;

- f) 700 Scholarships for the Training of Companies' Specialists Abroad, for employees of companies or Institutions of Science and Technology who need to absorb or improve specific techniques, with priority given to micro and small enterprises of technological bases;
- g) 860 Scholarships to Young Scientists of Great Talent, primarily for Brazilian researchers with scientific or technological differentiated production; and
- h) 390 Scholarships for Special Visiting Researchers in Brazil, for major international scientific leaders, mainly Brazilians living abroad.

The following areas are the priorities for the Program:

- a) Engineering and other technological areas;
- b) Exact and Earth Sciences: Physics, Chemistry, Biology and Geosciences;
- c) Health and Biomedical Sciences;
- d) Computing and Information Technology;
- e) Aerospace Technology;
- f) Pharmaceuticals;
- g) Sustainable Agricultural Production;
- h) Oil, Gas and Mineral Coal;
- i) Renewable Energy;
- j) Mineral Technology;
- k) Biotechnology;
- l) Nanotechnology and New Materials;
- m) Technologies for Prevention and Mitigation of Natural Disasters;
- n) Biodiversity and Bioprospecting;
- o) Marine Sciences;
- p) Creative Industry;
- q) New Technologies of Constructive Engineering, and
- r) Training of Technologists.

For more information about the Program, please visit the following websites:

www.capes.gov.br/bolsas/bolsas-no-exterior/ciencia-sem-fronteiras

www.cienciasemfronteiras.cnpq.br