Perspectives of Graduate Internationalization in Brazil

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Director of Internacional Affairs – CAPES

September/2019
CAPES’ MISSION

COORDINATES

REGULATES

FINANCES

EVALUATES

Capes Headquartes in Brasilia
GRADUATE IN NUMBERS

Source: DAV/Capes.
THE NATIONAL GRADUATE SYSTEM (SNPG) 2019

4,586 programs
6,925 courses
3,650 master
2,395 doctoral
849 professional master
33 professional doctoral

Source: DAV/Capes

Number of students: 325,655
Women: 175,419
Men: 150,236
INTERNATIONALIZATION OF BRAZILIAN HIGHER EDUCATION

1953
Individual scholarships

1965
Sucupira Report

1979
Joint Research Project

2011
Science without Borders

2018
PrInt
Institutional Program of Internationalization

2019
FUTURE-SE
COMPREHENSIVE INTERNATIONALIZATION

Articulated institutional commitment

Administrative leadership, structure, and staffing

Curriculum, co-curriculum, and learning outcomes

Faculty policies and practices

Students and scholars mobility

Collaboration and partnership

Development of the internationalization culture (thinking strategically): a strategic and coordinated process that integrates policies to have higher education institutions globally oriented.
PREMISE:

University project, not an action of isolated groups!
BUDGET
R$ 440 million - 100 million euros

- 684 foreigners in Brazil
- 71 cooperation agreements
- 61 partner countries
- 1.692 research projects
- 8.179 Brazilians abroad
- 32 public calls

Source: DRI/Capes.
DIRECTORY OF INTERNATIONAL AFFAIRS MODALITIES - 2018

- Ph.D. Sandwich: 4,188 scholarship holders
- Undergraduate Sandwich: 1,686 scholarship holders
- Ph. D: 1,329 scholarship holders
- Post Doctoral Internship: 621 scholarship holders
- Junior Visiting Professor: 100 scholarship holders
- Senior Visiting Professor: 99 scholarship holders
- Others: 156 scholarship holders

Source: DRI/Capes.
Capes: perspectives for internationalization for 2019

Institutional Program of Internationalization - PrInt

- Launched in 2017 through the Edital (call) 41/2017.

- The 36 approved HEIs began project implementation in November 2018 with a 5-year term (2019-2023).

- There are 565 projects planned with 197 strategic themes for activities in 86 partner countries.
The Capes-PrInt Program aims to:

- fostering **strategic** internationalization **plans**.
- participation of Brazilian institutions in international **research networks**.
- transformation of participating institutions into an **international environment**.
- integration of other Capes promotion actions to the internationalization effort.
The Capes-PrInt Program aims to increase:

- visibility and **impact of Brazilian research**.
- **university responsibility** and independence: variability of proposals; variability in investment types defined by universities.
- interaction with society.
### The Capes-PrInt Program

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<th>Foreigner Institutions</th>
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<td>Partner Countries</td>
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#### Strategic Themes
- 197

#### Modalities:
- **Abroad:**
  - Ph.D. Sandwich; Senior Visiting Professor; Junior Visiting Professor;
  - Training in short courses or “summer/winter schools”.
- **In the country:**
  - Young Talent; Visiting Professor; Post Doctoral

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## Modalities:

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**FOREIGNER INSTITUTIONS**

- 1,302

**PARTNER COUNTRIES**

- 86

**ESTRATEGIC THEMES**

- 197
Capes-PrInt Program – monitoring and evaluation: a big challenge

Self-assessment is not enough. Evaluation is multidimensional.
International Cooperation Agreements (71)

Examples:

- DFG, DAAD e Humboldt (Germany)
- Fulbright Comission, Harvard U., U. of Illinois, Emory U., Purdue U., Yale U. (EUA)
- Cofecub – Brafitec - BrafAgri (France)
- STINT (Sweden)
- DFAIT (Canada)
- IIASA (Austria)
- DIKU (Norwegian)
Internationalization Lab

- Support to the internationalization process of Brazilian HEIs
- 3 HEI Pilot: UFPA, UFG and UEM
- Criteria for Pilot Project participation:
  - registration in the PrInt Call
  - highest percentage of PPGs with 5, 6 or 7 concepts
- 3 workshops held in 2020
- 18 months long
- Capacity building
Capes: perspectives for internationalization - 2019

**International Doctorate**

- Project submission by existing PPGs in SNPG
- Development of activities in the involved HEIs (Brazilian and foreign)
- Double degree/degree
- Foreign Language Classes
- Co-Curriculum
Reintegration of researchers with a PhD degree

Humboldt Pilot Project

- Former Postdoc Fellow in Germany
- Postdoc Grant Guarantee in Brazil
- Humboldt will complement monthly scholarship with € 500.00
- Humboldt will grant € 20,000 grant to the researcher project

Negotiation with other international funding agencies
INTERNATIONALIZATION

It is not an end in itself, but it is a means, a strategy, to achieve a result: Improve the quality of teaching and research.
BRAZIL-IIASA
PARTNERSHIP HISTORY

• **March 11, 2013:** Framework Agreement for Cooperation in the Field of Education and Higher Education between Brazil and Austria;

• **October 28, 2015:** Signature of the Cooperation Agreement between CAPES and IIASA.
TYPES OF PROGRAMS AND ACTIONS

- Young Scientists Summer Program
- Postdoctoral Research at IIASA/Capes
- Capes / IIASA Doctoral Sandwich Program
SCHOLARSHIP MODALITIES

• Postdoctorate

• Doctoral Sandwich Program
  • two different durations:
    – 3 months in the summer program and 3 to 12 months in the Capes/IIASA Doctoral Sandwich program.
NUMBER OF CALLS/SELECTIONS

- Young Scientists Summer Program: 3 calls
- Postdoctoral Research at IIASA/Capes: 3 calls
- Capes/IIASA Doctoral Sandwich Program: 3 calls
NUMBER OF SCHOLARSHIPS IMPLEMENTED BY MODALITY

Young Scientists Summer Program
- 3 selected scholars

Postdoctoral Research at IIASA/Capes
- 9 selected scholars

Capes / IIASA Doctoral Sandwich Program
- 6 selected scholars

[Illustration of scholarship recipients]
INVASIVE SPECIES ARE THE SUBJECT OF A BRAZILIAN RESEARCHER ARTICLE

Graduated in Biological Sciences from the Federal University of São Carlos (UFSCar), in São Paulo, Master in Biodiversity and Conservation, by the same institution and PhD in Biology and Ecology from the University of St Andrews, Scotland, **Alessandra Kortz** had her article, " Increases in local richness (α-diversity) following invasion are offset by biotic homogenization in a biodiversity hotspot " published in the international scientific journal Biology Letters, May 2019.

A CAPES scholar in his two postgraduate degrees, Kortz is a postdoctoral scholar at the IIASA in Austria, also with CAPES’ contribution.

Source: http://www.capes.gov.br/36-noticias/9506-especies-invasoras-e-tema-de-artigo-de-pesquisadora-brasileira
RESEARCHER IN THE FIELD OF SUSTAINABLE CONSTRUCTION WILL BE DOING AN INTERNSHIP IN AUSTRIA

PhD student in Energy Planning at the Federal University of Rio de Janeiro (UFRJ), Rosa Esperanza González will develop her research on nearly zero energy buildings (nZEB) - or nearly zero energy buildings - at the International Institute for Applied Systems Analysis (IIASA) in Laxenburg, Austria.

Esperanza has had her project approved in the Capes/IIASA Summer Program and will participate in a three-month internship in the European country.

Brazil

National Member Organization and Funder:
Brazilian Federal Agency for Support and Evaluation
Graduate Education (CAPES)

Selected highlight: IIASA is developing the research base for systems analysis in Brazil. The IIASA-CAPES Postdoctoral Fellowship Program offers Brazilian early-career scientists the opportunity to work at IIASA on a variety of research areas from energy and water management to risk prevention.

Brazilian postdocs at IIASA have researched:
- Different pathways towards a less carbon intensive transport system
- Regional development, inequalities, and household consumption patterns
- The integration challenges of renewable energy firms in Latin America

www.iiasa.ac.at/brazil
THANK YOU!

CONTACT INFORMATION: dri@capes.gov.br