

Mobilidade estudantil para Estágios de Pesquisa

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“Iniciação Científica” in Brazil

- Large scale, historical national program in Brazil
 - Since the creation of CNPq in 1951.
- Undergrad students receive a monthly stipend to work as interns in research groups.
- Supervision from Senior researchers, and/or Master/Phd students.
- ± R\$ 400 (US\$ 100) / month.



Rationales for I.C.

- Contributing to scientific education and to qualify undergrad students for research.
- Reduce the average time students need to achieve their undergraduate degree.
- Induce the professors to include research in their classes.



[SEMESP, 2014]

- 37% of undergrad students in Brazil participate to the scientific initiation programs.
 - Virtually half of the I. C. students have a family income that goes up to 4,5 minimum wages.
 - The larger concentration of I.C. students has family income ranging from 1,5 to 3 minimum wages.
- At UFRGS, in 2016:
 - 30.000 undergraduate students,
 - 1.658 IC scholarships.
 - 703 from CNPq,
 - 355 from FAPERGS,
 - 600 from UFRGS.



And foreign students?

- We have a specific enrollement procedure, called “Aluno externo em pesquisa” (Research, external student).
 - Dedicated to UNDERGRAD students.
- The student needs to have an adviser, a work plan, and a register as a member of one of UFRGS’s research group.
 - This can be done remotely, by e-mail, with a contact with a researcher.
 - The work plan is totally flexible – no semester limits.
 - For visa reasons, at least 20h / week.
- Recommended: add Portuguese lectures.
- Funding is legally possible, but in practice hard to get.
 - For deadline reasons.

Contacts

- Competencies showcases
 - https://www.ufrgs.br/vitrine_decompetencias/
- Sistema de Pesquisa
 - https://www1.ufrgs.br/pesquisa/forms/form_exibeResultados.php



The screenshot displays the 'VITRINE DE COMPETÊNCIAS da UFRGS' and 'COMPETENCIES SHOWCASE' header. Below the header is a search bar with a magnifying glass icon. A list of categories is shown, including 'Agricultura e agronegócio', 'Alimentação', 'Arte e cultura', 'Biodiversidade', 'Ciências Humanas', 'Criança e adolescente', 'Desenvolvimento Rural', 'Economia', 'Educação', 'Energias Renováveis', 'Estatística', 'Inovação', 'Matemática', and 'Óleo e Gás'. To the right, there is a photograph of a field of golden oat plants. Below the photo, the title of the article is 'Estudos sobre o Melhoramento Genético de Cultivares de Aveia'. The text below the title describes the research conducted by Professors Luiz Carlos Federizzi and Marcelo Teixeira Pacheco, focusing on the genetic improvement of oat cultivars in the 1960s and 1970s.

Success stories

- IC / Research internships of 1-2 months have typically been used at the arrival, before foreign students take classes...
 - Case of European students who arrive in June/July, and start classes in August.
- ... Or at the end, after a “credit-mobility”
 - For a final internship, for instance.

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