



New Technologies and Frontiers of Science

CREATIVE EDUCATIONAL SOLUTIONS

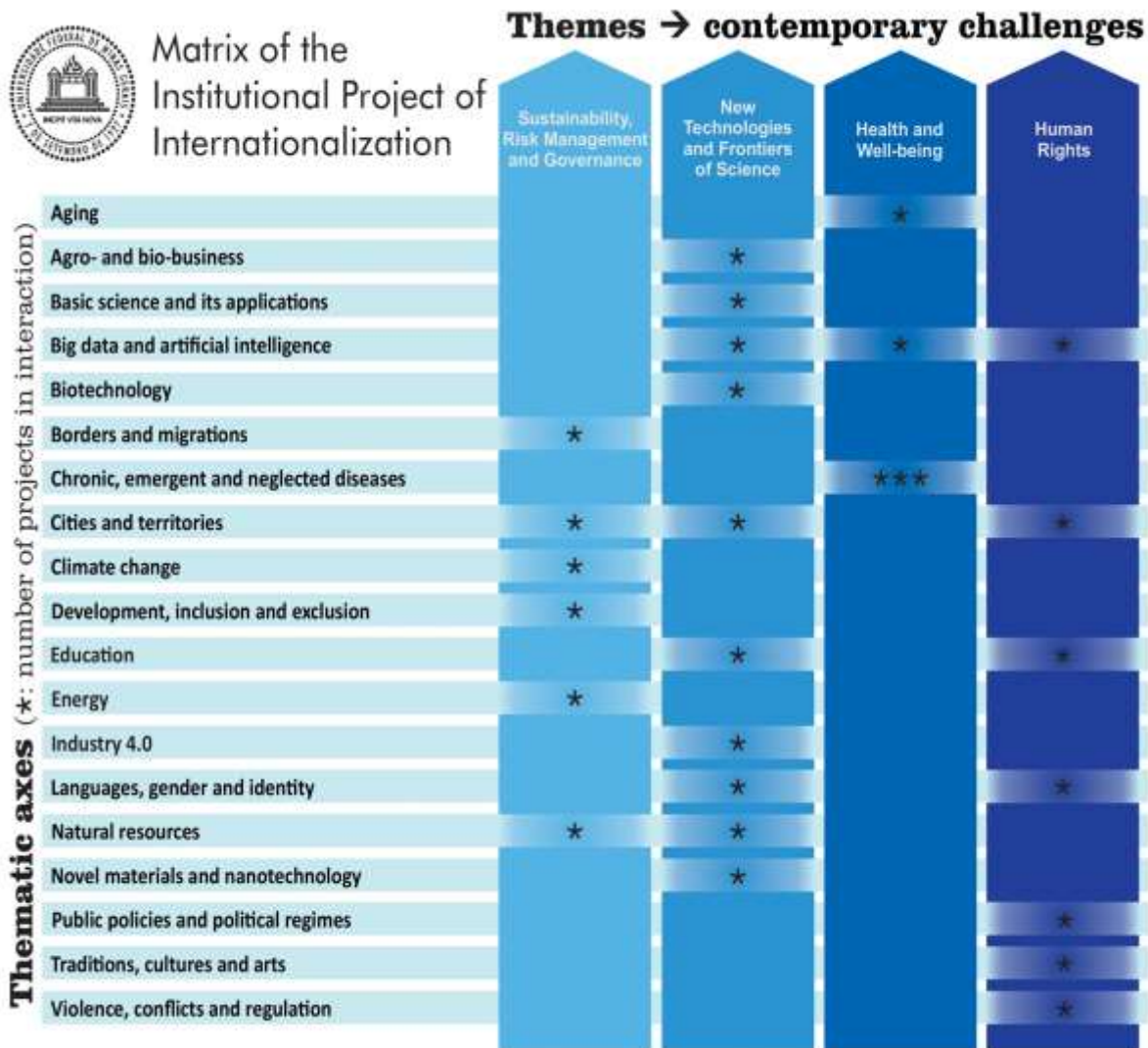
First InPrint Seminar

Partnership Building towards
Stronger Engagement in International Collaboration

UFMG, Belo Horizonte

19-23 November 2018

How PrInt/UFMG changes the ways we collaborate



- Actions building on a matrix of four themes (contemporary challenges) and 28 thematic axes (projects) aligned with the United Nations Sustainable Development Goals
- PhD Programs are expected to work together with partner institutions abroad to develop cross-cutting research aligned with the PrInt/UFMG themes and projects
- Funding will be allocated to outgoing and incoming mobility actions within the four themes by means of internal calls

OUTGOING

- PhD mobility grants for internships abroad (6 to 12 months)
- Junior Professor grants for visiting professorships abroad (6 months)
- Senior Professor grants for visiting professorships abroad (6 months)

INCOMING

- Postdoctoral grants for activities at UFMG (12 months, renewable)
- Early-career researcher grants for activities at UFMG (12 months, renewable)
- Senior Professor grants for international visitors at UFMG (15 days)

Graduate Programs Involved

- PHD PROGRAM: ARTS
- PHD PROGRAM: BIOLOGICAL SCIENCES: PHYSIOLOGY AND PHARMACOLOGY
- PHD PROGRAM: BUSINESS AND ADMINISTRATION
- PHD PROGRAM: CELL BIOLOGY
- PHD PROGRAM: EDUCATION
- PHD PROGRAM: GENETICS
- PHD PROGRAM: LINGUISTICS AND APPLIED LINGUISTICS
- PHD PROGRAM: MUSIC
- PHD PROGRAM: NEUROSCIENCE
- PHD PROGRAM: PHILOSOPHY
- PHD PROGRAM: PSYCHOLOGY: COGNITION AND BEHAVIOR
- PHD PROGRAM: SOCIAL COMMUNICATION

Partner institutions willing to collaborate with UFMG in this project (so far)

- ZHAW Zurich University of Applied Sciences
- RWTH Aachen University
- Victoria University of Wellington
- University of Georgia
- Queen Mary University of London
- University of Rhodes Island
- Universidad de Santiago de Chile

New collaborations will be most welcome!

What do we mean by “Creative Educational Solutions”?

Conceptual framework:

- Creativity as a mean of solving problems and the process of establishing new ones to be solved.
- It is about finding resources, whether digital or not, that build other teaching-learning practices beyond traditional teaching.
- Creativity is not a synonym for originality and it is not necessarily related to digital technology.

Research issues and questions

Some research questions:

- What are Creative Solutions in Education?
- How can digital technologies contribute to teaching and learning environments / situations?
- What are the most effective ways to use digital technologies in education?
- Do digital technologies promote social inclusion or exclusion? How could they contribute to develop social inclusion?
- What are the limits or constraints of using digital technologies in education?
- What elements could digital technologies add to at distance education in order to make it more attractive, creative and efficient?

Existent Projects

- There are 22 projects related to Creative Education Solutions from 12 different PhD Programs at UFMG
- In order to save time, I would recommend reading the projects from the list we've sent you.
- All the information is there, so in case you need to contact the coordinators, you just email them.



Short, medium and long-term goals:

- **Short-term:** Formation and establishment of new partnerships based on mutual research interests
- **Medium-term:** Development of research and collaboration (exchange students and teachers, cotutelle / joint supervision, and co-authoring).
- **Long-term:** establishing a multidisciplinary center of creative practices at UFMG in partnership with the universities of CAPES PRINT.



Concluding remarks for the project on Creative Educational Solutions

- Creativity as a means of solving problems and the process of establishing new ones to be solved.
- Digital Technology as an important resource in those solutions, but not the only one.
- Finding different ways beyond traditional education in different fields of human knowledge, in order to connect with students.
- Partnerships begin through the interaction among researchers. This is the first step to build those bridges.



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