

CALL 04/2024 - SELECTION FOR VISITING PROFESSOR SCHOLARSHIPS (CAPES PRINT - UFABC)

1. PURPOSE

1.1 To attract researchers from abroad to provide courses, training, lectures or seminars in the Graduate Programs participating in the CAPES-Print of UFABC. This support will be in the form of scholarships.

1.2 The applications must demonstrate interaction with one of the following themes (see Appendix):

Theme 1: Biosystems and Biotechnology Tools;

Theme 2: Advances in Nanosciences, Structure of Matter, Quantum Physics and Advanced Materials;

Theme 3: Challenges of sustainability for the 21st century: energy, technology, development and fight against inequality;

Theme 4: Information and Communication Technologies, Complex Systems, and Smart Applications.

2. DURATION AND REQUIREMENTS

2.1 The duration of the Visiting Professor scholarship in Brazil is 15 days or 01 month or 02 months (see Appendix), starting on:

I. **August 1st 2024**; or

II. **September 1st 2024**; or

III. **October 1st 2024** (exclusively for scholarships with duration of 15 days or 01 month, but all activities must end until October 31th, 2024)

2.2. The applicant must fulfill the following requirements:

I. Have a doctorate;

II. Demonstrate academic leadership and scientific productivity;

III. Own ORCID (<https://orcid.org/>)

3. PURCHASE VALUE AND FINANCIAL ITEMS

3.1 The financeable items are monthly payment, travel allowance, installation allowance, and health insurance, as defined by Portaria CAPES nº 1, de 3 de janeiro de 2020 (see

<http://www.in.gov.br/en/web/dou/-/portaria-n-1-de-3-de-janeiro-de-2020-236759939>

4. DOCUMENTS REQUIRED FOR APPLICATION

4.1 All documents below must be sent in pdf to the e-mail for applications (see Appendix):

- a) Summary of the research project;
- b) Research project, identifying theme and project (see Appendix), up to ten pages with 1.5 spacing and font size 12;
- c) Justification;
- d) Curriculum Vitae;

4.2 The selection will consist of an analysis of the documents and the merit of the project.

5. SCHEDULE

Until April 30th 2024 - Registration of candidates. Send documentation to the institutional e-mail address to which the applicant is applying for the scholarship by 09:00 AM (Brasília time).

Until May 6th 2024 - Selection.

May 7th 2024 - Preliminary results of the selected candidates (<http://propg.ufabc.edu.br/capesprint>).

Until May 9th 2024 - Deadline for appeals. Forward request to the institutional e-mail address to which the applicant is applying for the scholarship.

May 10th 2024 - Final results (<http://propg.ufabc.edu.br/capesprint>).

Until May 20th 2024 - Submission to CAPES and approval of applications.

August 1st 2024 or September 1st 2024 or October 1st 2024 - Scholarship starting date.

APPENDIX

ProPG quota	
Theme 1, Theme 2, Theme 3 and Theme 4	
Postgraduate Programs	Biosystems, Biotechnosciences, Chemistry, Computer Sciences, Human and Social Sciences, Information Engineering, Mathematics, Nanosciences and Advanced Materials, Neurosciences and Cognition, Physics and Territory Management and Planning
Scholarships	e-mail for application
03 scholarships (15 days)	capes.print@ufabc.edu.br
06 scholarships (01 month)	
02 scholarships (02 months)	

Theme 1: Biosystems and Biotechnology Tools	
Postgraduate Programs	Biosystems, Biotechnosciences, Chemistry, Information Engineering and Nanosciences and Advanced Materials
Projects	
Biotechnology research as a powerful tool for the Brazilian health service	
Bioactive compounds and their technological applications in biological systems	
Development of tools for the improvement of biotechnological processes applied to the medical field and agroindustry	
Development of new drugs and new pharmacotherapeutic approaches for the treatment of human and animal pathologies	
Development and characterization of high value biotechnological products	
Study of cellular and molecular mechanisms involved in the progression and treatment of pathologies of public health interest	
New scientific and technological developments in biotechnology	

Theme 2: Advances in Nanosciences, Structure of Matter, Quantum Physics and Advanced Materials	
Postgraduate Programs	Chemistry, Mathematics, Nanosciences and Advanced Materials and Physics
Projects	
Disruptive advances in Quantum Technology: Technological development and strategic innovation for the 21st century	
Challenges of astrophysics, cosmology and gravitation for the 21st century	
Advanced materials for structural and functional applications	
Fields and Particle Physics: discoveries and innovations for a new millennium	
Advanced materials: fundamental and applied studies	
Spectroscopy, spectrometry and computational simulation applied to the study of biomolecules and their interaction with the environment	

Theme 3: Challenges of sustainability for the 21st century: energy, technology, development and fight against inequality	
Postgraduate Programs	Chemistry, Human and Social Sciences, Nanosciences and Advanced Materials and Territory Management and Planning
Projects	
Sustainable Energy Storage and Production	
Human Rights: from theoretical foundations to contemporary trends at the local level (cities)	
Nanoscience for Environmental Preservation and Recovery	
Optimization of transformation processes aiming technological advances in analytical methodologies and preparation of nanoparticles and electrocatalysts	
Planning and Governance for sustainable metropolitan Regions in Latin America and Europe in the context of climate changes	
Catalytic and electrocatalytic transformations to obtain energy and higher added value products from biofuel and oil derivatives	

Theme 4: Information and Communication Technologies, Complex Systems, and Smart Applications

Postgraduate Programs

Biosystems, Chemistry, Computer Sciences, Human and Social Sciences, Information Engineering, Mathematics, Neurosciences and Cognition and Territory Management and Planning

Projects

IoT-based Applications for Smart Cities and Smart Farming

Data Science

Combinatorics and applications in Bioinformatics, Scientometrics, and Computer Graphics

Development and Evaluation of Innovative Technologies to Mediate Learning