

## **CALL 07/2023 - 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 (see Appendix), starting on **July 1<sup>st</sup> 2023** or **August 1<sup>st</sup> 2023** or **September 1<sup>st</sup> 2023**.

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 Coordinator of one of the UFABC CAPES-PrInt projects (see Appendix):

- a) Summary of the research project;
- b) Research project (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 March 20<sup>th</sup> 2023** - Registration of candidates. Send documentation to the Project Coordinator's institutional e-mail address to which the applicant is applying for the scholarship by 09:00 AM (Brasília time).

**Until March 27<sup>th</sup> 2023** - Selection.

**March 28<sup>th</sup> 2023** - Preliminary results of the selected candidates (<http://propg.ufabc.edu.br/capesprint>).

**Until March 30<sup>th</sup> 2023** - Deadline for appeals. Forward request to the Project Coordinator's institutional e-mail address to which the applicant is applying for the scholarship.

**March 31<sup>th</sup> 2023** - Final results (<http://propg.ufabc.edu.br/capesprint>).

**Until April 18<sup>th</sup> 2023** - Submission to CAPES and approval of applications.

**July 1<sup>st</sup> 2023** or **August 1<sup>st</sup> 2023** or **September 1<sup>st</sup> 2023** - Scholarship starting date.

## APPENDIX

<b>Theme 1: Biosystems and Biotechnology Tools</b>		
<b>Postgraduate Programs</b>	Biosystems, Biotechnosciences, Chemistry, Information Engineering and Nanosciences and Advanced Materials	
<b>Project</b>	<b>Scholarships</b>	<b>Coordinator</b>
Biotechnology research as a powerful tool for the Brazilian health service	01 scholarship (15 days)	Elizabeth Teodorov elizabeth.teodorov@ufabc.edu.br
Bioactive compounds and their technological applications in biological systems	01 scholarship (01 month)	Vani Xavier de Oliveira Junior vani.junior@ufabc.edu.br
Study of cellular and molecular mechanisms involved in the progression and treatment of pathologies of public health interest	01 scholarship (01 month)	César Augusto João Ribeiro cesar.ribeiro@ufabc.edu.br
New scientific and technological developments in biotechnology	01 scholarship (15 days)	Marcella Pecora Milazzotto marcella.milazzotto@ufabc.edu.br

<b>Theme 2: Advances in Nanosciences, Structure of Matter, Quantum Physics and Advanced Materials</b>		
<b>Postgraduate Programs</b>	Chemistry, Mathematics, Nanosciences and Advanced Materials and Physics	
<b>Project</b>	<b>Scholarships</b>	<b>Coordinator</b>
Challenges of Astrophysics, Cosmology and Gravitation for the 21st Century	01 scholarship (01 month)	Vilson Tonin Zanchin zanchin@ufabc.edu.br
Spectroscopy, spectrometry and computational simulation applied to the study of biomolecules and their interaction with the environment	01 scholarship (01 month)	Maurício Domingues Coutinho Neto mauricio.neto@ufabc.edu.br
Advanced materials: fundamental and applied studies	01 scholarship (01 month)	Fabio Furlan Ferreira fabio.furlan@ufabc.edu.br
Synthesis, characterization and simulation of advanced materials	01 scholarship (15 days)	Gustavo Martini Dalpian gustavo.dalpian@ufabc.edu.br

<b>Theme 3: Challenges of sustainability for the 21st century: energy, technology, development and fight against inequality</b>		
<b>Postgraduate Programs</b>	Chemistry, Human and Social Sciences, Nanosciences and Advanced Materials and Territory Management and Planning	
<b>Project</b>	<b>Scholarships</b>	<b>Coordinator</b>
Nanoscience for Environmental Preservation and Recovery	01 scholarship (15 days)	Derval dos Santos Rosa derval.rosa@ufabc.edu.br
Optimization of transformation processes aiming technological advances in analytical methodologies and preparation of nanoparticles and electrocatalysts	01 scholarship (01 month)	Juliana dos Santos de Souza juliana.souza@ufabc.edu.br
Catalytic and electrocatalytic transformations to obtain energy and higher added value products from biofuel and oil derivatives	02 scholarships (01 month)	Janaina de Souza Garcia janaina.garcia@ufabc.edu.br

<b>Theme 4: Information and Communication Technologies, Complex Systems, and Smart Applications</b>		
<b>Postgraduate Programs</b>	Biosystems, Chemistry, Computer Sciences, Human and Social Sciences, Information Engineering, Mathematics, Neurosciences and Cognition and Territory Management and Planning	
<b>Project</b>	<b>Scholarships</b>	<b>Coordinator</b>
IoT-based applications for Smart Cities and Smart Farming	01 scholarship (01 month)	Carlos Alberto Kamienski carlos.kamienski@ufabc.edu.br
Combinatorics and applications in Bioinformatics, Scientometrics, and Computer Graphics	01 scholarship (01 month)	João Paulo Gois joao.gois@ufabc.edu.br