

CALL 42/2022 - 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 03 months (see Appendix), starting on **April 1st 2023** or **May 1st 2023** or **June 1st 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 January 11th 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 January 16th 2023 - Selection.

January 17th 2023 - Preliminary results of the selected candidates (<http://propg.ufabc.edu.br/capesprint>).

Until January 19th 2023 - Deadline for appeals. Forward request to the Project Coordinator's institutional e-mail address to which the applicant is applying for the scholarship.

January 20th 2023 - Final results (<http://propg.ufabc.edu.br/capesprint>).

Until February 1st 2023 - Submission to CAPES and approval of applications.

April 1st 2023 or May 1st 2023 or June 1st 2023 - Scholarship starting date.

APPENDIX

| Theme 1: Biosystems and Biotechnology Tools | | |
|---|---|--|
| Postgraduate Programs | Biosystems, Biotechnosciences, Chemistry, Information Engineering and Nanosciences and Advanced Materials | |
| Project | Scholarships | Coordinator |
| 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 |

| Theme 2: Advances in Nanosciences, Structure of Matter, Quantum Physics and Advanced Materials | | |
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| Postgraduate Programs | Chemistry, Mathematics, Nanosciences and Advanced Materials and Physics | |
| Project | Scholarships | Coordinator |
| 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 for structural and functional applications | 01 scholarship (15 days) | Sydney Ferreira Santos sydney.ferreira@ufabc.edu.br |
| Advanced materials: fundamental and applied studies | 01 scholarship (01 month) | Fabio Furlan Ferreira fabio.furlan@ufabc.edu.br |

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| Synthesis, characterization and simulation of advanced materials | 01 scholarship (15 days) | Gustavo Martini Dalpian gustavo.dalpian@ufabc.edu.br |
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Theme 3: Challenges of sustainability for the 21st century: energy, technology, development and fight against inequality

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| Postgraduate Programs | Chemistry, Human and Social Sciences, Nanosciences and Advanced Materials and Territory Management and Planning | |
| Project | Scholarships | Coordinator |
| 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 |
| Planning and Governance for sustainable metropolitan Regions in Latin America and Europe in the context of climate changes | 01 scholarship (03 months) | Klaus Frey klaus.frey@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 |

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

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|---|--|---|
| Postgraduate Programs | Biosystems, Chemistry, Computer Sciences, Human and Social Sciences, Information Engineering, Mathematics, Neurosciences and Cognition and Territory Management and Planning | |
| Project | Scholarships | Coordinator |
| 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 |