

## PhD Research Scholarship

Ref: BeFrail\_2\_2023

The Center for Research in Anthropology (CRIA) opens a Call for two (2) Ph.D. Research Scholarships under the project *O Porto in Times of Cholera and War: A Bioarchaeological Approach to Human Fragility* (BeFRAIL), funded by national funds through FCT/MCTES (PIDDAC), with the reference 2022.02398.PTDC.

The BeFrail project is led by Francisca Alves Cardoso (CRIA, NOVA-FCSH) as Principal Investigator and Nicholas Marquez-Grant (Cranfield University) as Co-Principal Investigator, focuses on the study of health and disease inferred through the study of an archaeological context and associated collection. The context refers to the hospital cemetery of the 3rd Order of Nossa Senhora do Carmo, in Porto (Portugal), whose occupation covers the years 1801 to 1869: years of cholera and war in Portugal. This is a significant collection composed of diverse material culture and a significant collection of human remains.

It is a unique context in Portugal, offering the opportunity for a transdisciplinary and holistic approach to human fragility in the past, as well as to epidemic contexts. The BeFRAIL project has as its core the archaeological and bioanthropological analysis of the context and associated collections using a multimethodological and multidisciplinary approach (e.g., archaeology, bioanthropology, history, demography, archaeoethnology, and archaeosciences).

**Main Research Field:** Anthropology, Archaeology and related areas

### Scholarship\_BeFRAIL Bioanthropology

#### Admission requirements

##### General:

- 1) applicants must hold a Bachelor's or Master's degree in Anthropology, Archaeology or in other areas related to the work programs;
- 2) be enrolled (or able to enroll) in a Ph.D. program in the field of Anthropology, Archaeology, or related areas (according to Article 6 of the Regulation for Research Grants of the Fundação para a Ciência e a Tecnologia, I.P.). Although the recipients are expected to be enrolled in a Ph.D. program, this is not required at the time of application.

##### Specific:

Experience in analyzing human remains, namely in estimating the biological profile and differentiating between pathological and taphonomic bone/dental alterations.

##### Preferred skills:

- experience in the analysis of non-human biological remains;
- knowledge of excavation and analysis in archaeological contexts (various);
- knowledge in the archaeological study of funerary environments;
- knowledge of geographic visualization/mapping software;
- proficiency in reading and advanced knowledge in writing in English;
- knowledge of Microsoft Office (or equivalent) and Mendeley (or equivalent);
- statistical knowledge (preferably advanced).

**Work program:**

The selected candidate must perform the following tasks associated with the BeFRAIL research project (ref:2022.02398.PTDC) in close collaboration with the team members:

- 1) curation of biological remains (human and non-human) allocated to the project, assessment of their state of preservation, and collection of samples for biomolecular and biochemical analysis (others);
- 2) estimation of the biological profile and evaluation of the pathological profile of the biological remnants;
- 3) incorporate the data from the bioanthropological analysis into the archaeological context;
- 4) produce a written report based on the study of biological remains;
- 5) actively participate in the various outputs of the project.

The candidate must include in the work program a doctoral project, being at the end of the research scholarship period in conditions to submit a doctoral thesis for defense. This project will be supervised by team members.

**Scholarship\_\_BeFRAIL Archeology****Admission requirements****General:**

- 1) applicants must hold a Bachelor's or Master's degree in Anthropology, Archaeology or in other areas related to the work programs;
- 2) be enrolled (or able to enroll) in a Ph.D. program in the field of Anthropology, Archaeology, or related areas (according to Article 6 of the Regulation for Research Grants of the Fundação para a Ciência e a Tecnologia, I.P.). Although the recipients are expected to be enrolled in a Ph.D. program, this is not required at the time of application.

**Specific:**

- 1) knowledge of excavation and analysis of archaeological contexts (several) and archaeological contexts with post-depositional disturbances;
- 2) knowledge in the field of funerary archaeology/anthropology and archaeoethnological interpretation.

**Preferred skills:**

- knowledge about bone anatomy of human and non-human biological remnants;
- knowledge in processing data/information collected in archaeological contexts using geographic visualization/mapping software (others);
- proficiency in reading and advanced knowledge in writing in English;
- knowledge of Microsoft Office (or equivalent) and Mendeley (or equivalent);
- statistical knowledge (preferably advanced).

**Work program:**

The selected candidate must carry out the following tasks associated with the BeFRAIL research project (ref:2022.02398.PTDC) in close collaboration with the team members:

- 1) processing and curation of excavation data/documents;
- 2) archaeothanatological interpretation of the context;
- 3) incorporation of data from the bioanthropological analysis in the context of the archaeological and archaeothanatological study;
- 4) produce a written report based on the archaeological and archaeothanatological analysis;
- 5) actively participate in the various outputs of the project.

The candidate must include in the work program, a doctoral project, being at the end of the scholarship period in conditions to submit a doctoral thesis for defense. This project will be guided/co-guided by team members.

**Applicable legislation and regulations:** This competition is regulated by the Statute of Research Fellows, approved by Law No. 40/2004 of August 18, in the current wording published by Decree-Law No. 123/2019 of August 28; Regulation of Research Grants from the Foundation for Science and Technology, I.P. – current and available at: <https://www.fct.pt/en/financiamento/programas-de-financiamento/bolsas/>

**Workplace:** The workplace is located at CRIA Laboratory of Biological Anthropology and Human Osteology (LABOH), at NOVA FCSH, Av. de Berna 26C, Lisboa, and/or other places necessary for the development of research activities.

**Duration:** The scholarship has a duration of 6 months and is expected to start on May 2<sup>nd</sup>, 2023, renewable every six months up to a maximum of 36 months. The renewal of the scholarship is subject to the assessment of the work developed up to 30 days before the day of renewal.

**Activity Regime:** The attribution of the scholarship does not generate or entitle a legal-labor relationship, it is carried out on an exclusive dedication basis under the terms of the Research Scholarship Holder Statute.

**Amount:** The scholarship amount corresponds to € 1 199,64 according to Annex I – Table of monthly maintenance allowances, based on FCT Rules for Research Fellowships in effect. In addition, there is a corresponding voluntary social insurance, if the candidate chooses to assign it, as well as an insurance for personal accidents. The amount will be paid monthly, via bank transfer.

**Selection process:** The evaluation of applications will focus on the following criteria, evaluated on a scale from 0 to 100. The Final Classification (CF) corresponds to the weighted average of the classification obtained in each criterion. In case of a tie, the grade awarded in the interview prevails. Evaluation criteria are:

- 1) Evaluation of the Curriculum Vitae (25%), taking into account:
  - a) Academic path that reflects the classifications of academic degrees;
  - b) Assessment of the essential and preferential skills of admission;
  - c) Experience in relevant work/research areas.
- 2) Assessment of the Letter of Motivation (25%), taking into account:
  - a) Reason for applying to the position;
  - b) Reason why the candidate should be chosen.
- 3) Interview (50%)

Only the four candidates with the best scores in criteria 1 and 2 will be admitted to the interview. The interview will discuss: the letter of motivation and experience of the candidates; candidates'

strengths and areas of potential need for improvement and development. Candidates will also be invited to solve hypothetical scenarios.

**Selection Committee:**

Chair: Francisca Alves Cardoso, CRIA NOVA FCSH

Members: Nicholas Marquez-Grant, Cranfield University; Paula Mota Santos, Universidade Fernando Pessoa

Substitute member: Rodrigo Banha da Silva, Universidade Nova de Lisboa

**Notification of results:** All candidates will be notified of the final results via e-mail.

**Application submission and deadline:** The call is open from the **24<sup>th</sup> of February** to the **29<sup>th</sup> of March**.

**Formalization of the application:**

Applications must be submitted via CRIA's website, at <https://cria.org.pt/pt/emprego-e-bolsas>, in Portuguese or in English, accompanied by the following documentation:

- Letter of motivation (identification of the fellowship applying for, name, place and time of birth, reason for interest, and reason why should be selected);
- Curriculum vitae;
- Certificate(s) of academic degrees, with a detailed record of the grades, course subjects and final grade (if applicable);
- Proof of enrollment in a Ph.D. Program (if applicable);

Applicants who are not enrolled in a Ph.D. Program, must indicate the doctoral program in which they intend to enroll.

Applications submitted by other means will not be considered. Candidates who formalize their application incorrectly or do not prove the requirements will be excluded from admission to the competition. In case of doubt, the selection board may require any candidate to produce documents to support their statements.

The jury reserves the right not to award a scholarship if no candidate meets the required profile.

\*Academic degrees obtained abroad require recognition by a Portuguese Institution in accordance with Decree-Law no. 66/2018, of August 16th, and Ordinance no. 33/2019, January 25th. The presentation of the recognition is mandatory for the signature of the contract.

More information can be obtained at: <https://www.dges.gov.pt/pt/pagina/reconhecimento?plid=374>.