



UNIVERSIDADE DE ÉVORA

LABORATÓRIO HERCULES – HERANÇA CULTURAL, ESTUDOS E SALVAGUARDA
Research Scholarship for Bachelor's Degree - 1 vacancy

Project "Holy Bodies | An Atlas of the corpi santi in Portugal"

12 December 2023

A call for tenders is open for one Bachelor's Degree Scholarship within the scope of the project "Holy Bodies | An Atlas of the corpi santi in Portugal " (2022.01486.PTDC), financed by the Foundation for Science and Technology, I.P./MCTES through national funds, under the following conditions

Scientific areas: Chemistry, Biochemistry, Biotechnology, and similar areas of study, Sciences applied to cultural heritage.

Admission requirements:

Graduation in one of the scientific areas mentioned above or in similar areas of study, without the possibility of replacing the educational level with training or professional experience. The domain of the Portuguese and English languages is imperative.

Extensive experience in studying and diagnosing cultural heritage objects, with particular emphasis on relics. The candidate should be able to perform *in-situ* analysis of heritage assets, namely relics, and sample preparation for laboratory analysis. The candidate ought to be trained to work with the typical analytical infrastructure at the laboratory, namely, spectroscopic techniques (FT-IR, Raman microscopy, EDXRF), microscopy (2D and 3D microscopies, SEM/EDS), X-ray diffraction, among others.

As outlined in FCT Research Scholarship Regulation No. 950/2019 of 16 December 2019, articles 3 and 6, candidates for "**BI**" (**Research Grants**) must comply as a rule condition for the award of the scholarship, the effective inclusion in study cycles leading to the attribution of academic degrees or in courses not leading to an academic degree. Courses not conferring an academic degree correspond to the courses provided for in subparagraph e) of paragraph 3 of article 4 of Decree-Law No. 74/2006 of 24 March and must be developed in a higher education institution in association with at least one R&D unit, including a course plan in one or several research areas of the unit.



UNIVERSIDADE DE ÉVORA

Work plan

In-situ field campaigns for general cleaning and survey of the *simulacra (corpi santi)* and associated heritage assets, with general conservation state evaluation;
Sampling and non-invasive *in-situ* analysis of the *corpi santi* (relics) and other associated assets;
Sample organisation and preparation for laboratory analysis;
Interpretation and contextualisation of data collected from *in-situ* and laboratory research;
Content production for the web page and database;
Production of scientific reports and publications.

Applicable legislation and regulations: The granting of the Research Scholarship will be carried out upon the signing of a contract between the University of Évora and the scholarship holder, as set in the template [former.fct.pt/apoios/Minuta_Contrato_Bolsa.docx](https://www.fct.pt/apoios/Minuta_Contrato_Bolsa.docx), pursuant to the Research Scholarship Statute (Law No. 40/2004 of 18 August and Decree-Law No. 123/2019 of 28 August) and in accordance with the legislation and Regulation of Research Grants of the Foundation for Science and Technology, IP in force, regulation nº950/2019 of 16 December 2019: <https://files.dre.pt/2s/2019/12/241000000/0009100105.pdf> and other applicable rules.

Place of work: The work will be developed at Laboratório HERCULES of the University of Évora under the scientific guidance of Professor Teresa Ferreira.

Duration of the scholarship(s): The scholarship will have a duration of 9 months, starting in February 2024.

Amount of monthly maintenance allowance: The amount of the scholarship corresponds to €930.98, according to the table of scholarships awarded directly by FCT, IP in Portugal (https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_2023.pdf), payments being made monthly, by check or bank transfer.

Selection methods: The selection method to be used will be based on the Curriculum Assessment (CA) described below:

The Curriculum Assessment (**CA**) aims to analyse the candidates' qualifications, namely, the experience in studying objects with heritage value (**A**), the relevance of the acquired expertise (**B**), the scientific production (**C**) and the letter of motivation (**D**). The weighting for the CA is 100% and will be expressed on a scale of 0 to 20, with the final mark obtained through the arithmetic average of the marks obtained in the elements to be evaluated, according to the following formula:

- A. Recognised experience in the study of objects with heritage value, namely, the relics, and use of analytical techniques for characterising the materials used in the production and the state of conservation of the objects: 40%;
- B. Experience in participating in multidisciplinary teams and fieldwork associated with relics: 30%;



UNIVERSIDADE DE ÉVORA

- C. Scientific production: 20%;
- D. Letter of motivation: 10%.

$$\text{C.A.} = \text{A} \cdot 0,4 + \text{B} \cdot 0,3 + \text{C} \cdot 0,2 + \text{D} \cdot 0,1$$

The Jury can call up to three candidates for an interview (**E**) if necessary. Candidates who obtain a score below 9.5 are excluded from the procedure.

The Interview (**E**) is expressed on a scale from 0 to 20 and will last no longer than 20 minutes.

The Final Classification (**FC**) for each candidate called for the interview is expressed on a scale of 0 to 20 as a result of the following arithmetic average:

$$\text{F.C.} = 70\% \text{ C.A.} + 30\% \text{ E}$$

Not appearing in the selection method is equivalent to withdrawing from the competition. The Jury may not award the scholarship if no candidate has the appropriate profile.

Composition of the Jury Panel:

President – Professor Teresa Ferreira

1º effective member - Doutora Ana Manhita

2º effective member Doutora Ana Curto

1º alternate member – Professor Cristina Dias

2º alternate member - Professor Patrícia Moita

Advertising/notification of results: The final evaluation results will be publicised through a final grade-ordered list posted in a visible and public place in the HERCULES Laboratory, and the winning candidate will be notified by email.

The Final Classification list will be announced by any written means to all interested parties to ensure the right to a prior hearing of the interested parties.

After communicating the provisional list of the evaluation results, candidates have 10 working days to express their opinions in a preliminary hearing of interested parties.

Application deadline and submission of applications: The tender is open from 12 to 27 December 2023, and the selection results will be published by 5 January 2024 at the latest.

Applications must be formalised, obligatorily, by sending an application letter with the following documents: **Curriculum Vitae, certificate of qualifications, a recommendation letter and other relevant supporting documents.**

For the application, the evidence of the degree may be replaced by a declaration of honour signed by the candidate. Still, the failure to demonstrate that the candidate holds the required degree in the contracting phase or the non-presentation of proof of enrollment in the study



UNIVERSIDADE DE ÉVORA

cycle or non-degree course for scholarships with this component implies the cancellation of the candidate's application.

Academic degrees obtained in foreign countries require registration by a Portuguese Institution in accordance with Decree-Law No. 66/2018, of 16 August and Ordinance No. 33/2019, of 25 January.

The presentation of the certificate is mandatory for the signing of the contract. More information can be obtained at: <https://www.dges.gov.pt/pt/pagina/recognition?plid=374>

Applications must be sent by email to:

Professor Teresa Ferreira

Chemistry and Biochemistry & HERCULES Laboratory of the University of Évora

email: tasf@uevora.pt