

## MARINE SCIENCES LABORATORY

### **Announcement for the allocation of a Research Scholarship for Master within the scope of the projects "Monitoring of Marine Environments in the Port of Sines (MAPSi 2021/2023)" and "Support to the National Stranding Network - Alentejo Regional Network (ARROJAL)"**

**7<sup>th</sup> June 2023**

A call for tenders is open for one Research Scholarship for Master, within the scope of the projects "Monitoring of Marine Environments in the Port of Sines (MAPSi 2021/2023)", financed by the Administration of the Ports of Sines and Algarve, and "Support to the National Stranding Network – Alentejo Regional Network (ARROJAL)", financed by national funds through the Fundo Ambiental, under the following conditions:

**Scientific area:** Biological Sciences.

#### **Admission requirements:**

- Master degree in Biological Sciences or in related areas;
- driving licence;
- national diving licence or equivalent;
- local skipper licence;
- physical robustness indispensable to the exercise of the functions of the scholarship to which is applying;

#### Preferential factors will be considered:

- experience in monitoring of marine environments with emphasis on the planning and execution of sampling of sea water, intertidal hard substratum and indicator organisms (e.g. mussels);
- experience in ecology studies of rocky shores of the Portuguese continental coast, involving the taxonomic identification of organisms and the evaluation of their abundance;
- experience in studies of the growth of marine organisms using chemical marking, namely with "calcein";
- experience in set-up and monitoring of manipulative ecological experiments on intertidal hard substrata;
- experience in univariate and multivariate statistical analysis of ecological data using statistical programmes, PRIMER+PERMANOVA, and preparation of technical and scientific reports.

As set forth FCT Research Scholarship Regulation No. 950/2019 of December 16, 2019, article 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 that do not confer 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.

**Work plan:**

The tasks to be carried out within the scope of the fellowship include:

- monitoring work on marine environments (field work, to be carried out mainly in the Port of Sines and surrounding areas);
- laboratory work, to be carried out mainly in the University of Évora's Laboratório de Ciências do Mar - CIEMAR, installed in Sines;
- planning and sampling of rocky shore ecology studies;
- setting up and monitoring manipulative ecological experiments on intertidal hard substrata;
- diverse laboratory work, such as separation and taxonomic identification of macro-organisms (e.g., macro-fauna of marine sediments), morphological analysis of marine organisms, statistical and graphic analysis of data, elaboration of technical-scientific reports and scientific articles.

Availability is required to carry out regular work at CIEMAR and to carry out sampling campaigns of marine environments, including work in the Port of Sines and on board vessels.

**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 August 18 and Decree-Law No. 123/2019 of August 28) 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 December 16, 2019: <https://files.dre.pt/2s/2019/12/241000000/0009100105.pdf> and other applicable rules.

**Place of work:** The work will be developed at the Marine Sciences Laboratory of the University of Évora, in Sines, under the scientific guidance of the Professor João Castro.

**Duration of the scholarship:** The scholarship will have a duration of 6 months, starting on July 2023. The scholarship contract may be renewed until the end of the budget allocation of the funding projects.

**Amount of monthly maintenance allowance:** The amount of the scholarship corresponds to €1199,69, according to the table of scholarships awarded directly by FCT, I.P. in Portugal ([https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM\\_2023.pdf](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** (with the respective value in percentage):

- *curriculum* evaluation (40%);
- experience in: monitoring of marine environments with emphasis on the planning and execution of sampling of sea water, intertidal hard substratum and indicator organisms (e.g. mussels) (15%); ecology studies of rocky shores of the Portuguese continental coast, involving the taxonomic identification of organisms and the evaluation of their abundance (15%); studies of the growth of marine organisms using chemical marking, namely with "calcein" (10%); set-up and monitoring of manipulative ecological experiments on intertidal hard substrata (10%); univariate and multivariate statistical analysis of ecological data using statistical programmes, PRIMER+PERMANOVA, and preparation of technical and scientific reports (10%).

**Composition of the Selection Jury:**

President - Professor João José Roma de Paços Pereira de Castro, 1<sup>st</sup> Effective Member - Professor Teresa Paula Gonçalves Cruz, 2<sup>nd</sup> Effective Member - Doctor David Miguel de Azevedo Jacinto, 1<sup>st</sup> Alternate Member - Professor Maria Helena Soares Martins Adão and 2<sup>nd</sup> Alternate Member - Professor Pedro Miguel Raposo de Almeida.

**Advertising/notification of results:** The final results of the evaluation will be publicized, through a list ordered by final grade obtained, posted in a visible and public place at the Marine Sciences Laboratory, and the approved candidate will be notified by email.

To ensure the right of prior hearing of interested parties, the Final Classification project will be announced by any written means to all interested parties.

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

**Application deadline and form of presentation of applications:** The tender is open from 12 to 23 June 2023, and the results of the selection shall be published by 30 June 2023.

Applications must be formalized, obligatorily, by sending an application letter accompanied by the following documents: *curriculum vitae* of the candidate and photocopy of the qualification's certificates. In the application letter, the candidate, obligatorily, must declare that he/she is physically fit to carry out the duties of the scholarship to which he/she is applying.

For the purposes of application, the evidence may be replaced by a declaration of honour signed by the candidate, but the failure to demonstrate that evidence, in the contracting phase, possession of the required degree on the deadline for application or the non-presentation of proof of enrolment in the study cycle or non-degree course, for scholarships with this component, imply 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 August 16 and Ordinance No. 33/2019, of January 25th.

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 should be sent by email to:

Professor João Castro  
Marine Sciences Laboratory  
University of Évora  
e-mail: [jjc@uevora.pt](mailto:jjc@uevora.pt)



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