

## CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

### 1 Research Fellowship (BI) for Master Students

1 Research Fellowship (BI) for Master Students is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution “Prestação de Serviços Especializados em Estatística”, 100% financiado por Fundos próprios de entidades públicas (IPMA - Instituto Português do Mar e da Atmosfera, I.P.), under the following conditions:

1. **Scientific Area:** Probability and Statistics.
2. **Requirements for admission:** Degree in Statistics, Mathematics or related fields. Experience in using R and RStudio. Availability for exclusive dedication.
3. **Additional optional skills and qualifications:** Master student in Biostatistics with demonstrated ability to carry out research work independently, to work in a team, to take initiative and develop new ideas and statistical approaches. Availability for frequent visits to IPMA and good command of the English language. Express willingness to continue the work plan, described in point 5 of this notice, to carry out the master's thesis in the same area.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in master course as established in item 3.
5. **Work plan:** Creation of operational models representing the stock of species exploited by the Portuguese fleet based on relevant and known biological information for each species. Long-term projection of populations considering various types of uncertainty associated either with biological input parameters or with indicators of abundance and/or biomass. Testing of several exploration rules in addition to the one currently adopted by the International Council for the Exploration of the Sea and analysis of performance sensitivity of the exploration rule in relation to the assumptions of the Model. Application of genetic algorithms as an optimization mechanism for selecting exploration rules under previously defined objectives.
6. **Legislation framework:** Research Fellowship Holder Statute, in accordance with Law 40/2004, of 18 August, in its current version and the FCT Regulation for Research Studentships and Fellowships, in its current version (Reg. 950/2019 published in DR on 16<sup>th</sup> December: <https://dre.pt/application/file/a/127230968>, or at the FCT website: <https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>), and FCiências.ID Fellowship Regulation, as approved on 12<sup>th</sup> May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCiências.ID](#)).
7. **Place of work:** The work will be developed at the Centre of Statistics and its Applications under the scientific supervision of Professor Ivone Figueiredo and Lisete Sousa.
8. **Fellowship duration:** This position is initially opened for 6 months and will begin in June 2022. The fellowship contract may be potentially renewed for 6 months, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.
9. **Monthly allowance:** The fellowship amounts to € 875.98 ,according to [table values](#) of the fellowships awarded directly by the FCT, IP. The fellowship holder will have a personal accident insurance and can ensure the

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right to social security through adherence to the voluntary social insurance scheme, if not covered by any other social protection scheme, pursuant to *Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social*.  
The fellowship will be paid monthly by bank transfer

10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV (70%) and selection interview (30%).
11. **Selection Committee:** Dr Lisete Sousa (President), Dr Ivone Figueiredo and Dr Rui Martins (Vogals) and Tago Marques (Substitute).
12. **Publication/notification of results:** All the candidates will be notified by e-mail, sent by the call holder, with the selection meeting minutes enclosed.
13. **Deadlines:** This call for applications is open from 30/05/22 to 07/06/2022 .
14. **Application:** Applications should be sent via e-mail to [ceaul@fc.ul.pt](mailto:ceaul@fc.ul.pt), by attaching the following documents:
  - a. Curriculum vitae - **CV may be provided in PDF or through the CIÊNCIAVITAE system;**
  - b. Certificate of completion of previous degree;
  - c. Motivation Letter.
15. **Time limits for the appeal procedure:** In case of negative decision, the candidates have 10 business days, after the date of announcement of the results of the candidates evaluation, to pronounce their disagreement in accordance with the *Código do Procedimento Administrativo*. Appeals against the final decision may be submitted to the Administration Board of FCIências.ID ([fciencias.id@fciencias-id.pt](mailto:fciencias.id@fciencias-id.pt)) within 15 business days after the notification date

**Note 1:** The documents that prove the entitlement of the academic qualifications and diplomas, or the proof of registration in the academic degree or diploma requested on the call, can be dismissed during the application period and replaced by a declaration on their honour from the applicant. Their delivery is mandatory for the fellowship contractualization.

**Note 2:** Please note that - higher education degrees and diplomas awarded by foreign higher education institutions need to be recognized by a Portuguese higher education institution, pursuant to the [Decree-Law nr. 66/2018](#) (August 16) and the [Ministerial Order nr. 33/2019](#) (January 25). The presentation of the recognition certificate is mandatory for contract signature. More information can be obtained at: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.