

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

1 Research Fellowship for a Master Student

1 Research Fellowship(s) for R&D Initiation (BII) 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, Biology or related fields, be a Master student in Biostatistics, experience in using R, RStudio and Latex software. Availability for exclusive dedication.
3. **Additional optional skills and qualifications:** 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 a Master's Degree in Biostatistics or related area.
5. **Work plan:** Analysis and estimation of fundamental biological parameters in the life cycle of the fish species - Pagellus bogaraveo (Blackspot SeaBream) - on the Portuguese continental coast, as part of a collaboration project with IPMA. The main task will be to make available to IPMA researchers, in user-friendly mode, an algorithm (already developed) for estimating the abundance of the Blackspot SeaBream population, so that its population parameters can be easily changed. It is also intended to create functions that produce graphs/tables from existing results, so that they are easily interpretable by IPMA researchers. The student is also expected to apply state space models using the R software and the nimble package and to produce an instruction manual for the changes allowed to the users of the algorithm.
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 16th 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 12th May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCIências.ID](#)).
7. **Place of work:** The work will be developed at the Centro de Estatística e Aplicações da Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor Rui Martins and Lisete Sousa.
8. **Fellowship duration:** This position is initially opened for 6 months and will begin on October 2021. The fellowship contract may be potentially renewed for 6 months.
9. **Monthly allowance:** The fellowship amounts to € 835.98 ,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

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

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:** Doctor Lisete Sousa (President), Doctor Rui Martins and Doctor Ivone Figueiredo (Members) and Doctor Tiago 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 14/09/21 to 20/09/2021 .
14. **Application:** Applications should be sent via e-mail to ceceaul2017@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) 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>.