

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

### 1 Research Fellowship (BI) for PhD Student

1 Research Fellowship(s) (BI) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution 1019 – MEGAPREDATOR – A giant on the water: from the predation pressure to population control of the European catfish (*Silurus glanis*) from MARE – Marine and Environmental Sciences Center , PTDC/ASP-PES/4181/2021, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme Programme All Scientific Domains, from the Foundation of Science and Technology (FCT), under the following conditions:

1. **Scientific Area:** Biological Sciences or Statistics
2. **Requirements for admission:** Master Level in Biological Sciences, Aquatic Sciences or similar areas, or, Master on Statistics;
3. **Additional optional skills and qualifications:** a) Experience on management of large data sets of fish biotelemetry for modelling; b) Demonstrate competences on computational science and statistical analysis for the creation of predictive species spatial models; c) Experience and capacity to work on aquatic environments using boats/vessels for capture, tagging and capture fishes d) Experience in fish captures using electric fishing, seine nets and gill netting;
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in inscription on a PhD programme
5. **Work plan:** a) Data analysis of European catfish telemetry data with pressure (depth) and accelometry (activity) sensors. b) Spatial modelling towards the identification of catfish aggregation sites using telemetry data and topography data from reservoirs; c) Tracking catfish using radio-telemetry from a boat for 24 hour-activity cycles; d) Modeling fish daily activity using the General Linear Mix-Models (GLMM) and evaluating the predation behaviours using Hidden-Markov-Models; e) Testing and implementing of removal trials using different methods in Belver reservoir; f) Participation on the outreach activities of the Project.
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 MARE – Marine and Environmental Sciences Centre and Faculty of Sciences of the University of Lisbon under the scientific supervision of Professor Filipe Ribeiro.
8. **Fellowship duration:** This position is initially opened for 6 (six) months due to start in March of 2022. The fellowship contract may be potentially renewed for for up to 28 months or until the end of the project, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.

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9. **Monthly allowance:** The fellowship amounts to € 1 144,64 ,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 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 specifically 30% of academic curricular evaluation and 70% of previous experience.
11. **Selection Committee:** Filipe Ribeiro (President), Bernardo Quintella (member), Filomena Magalhães (member), Tiago Marques (member).
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 14/02/22 to 25/02/2022 .
14. **Application:** Applications should be sent via e-mail to [fmribeiro@fc.ul.pt](mailto:fmribeiro@fc.ul.pt), by attaching the following documents:
- Curriculum vitae - **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
  - Certificate of completion of previous degree;
  - Motivation/Application 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>.