

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

1 (one) Research Fellowship (BI) for a MSc 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 “AIdentifyAGE – Artificial Intelligence and its Application by Forensic Science Service Providers: Migrant Unidentified Age Estimation”, “2024.07444.IACDC”, “DOI: <https://doi.org/10.54499/2024.07444.IACDC>”, supported by measure “RE-C05-i08.M04 – “Apoiar o lançamento de um programa de projetos de I&D orientado para o desenvolvimento e implementação de sistemas avançados de cibersegurança, inteligência artificial e ciência de dados na administração pública, bem como de um programa de capacitação científica”, of the *Recovery and Resilience Plan* (Plano de Recuperação e Resiliência – PRR), under the funding contract signed between the *Recovering Portugal Mission Structure* (EMRP) and the Fundação para a Ciência e a Tecnologia I.P. (FCT), as intermediary beneficiary, under the following conditions:

- Scientific Area:** Statistics and Data Science.
- Admission requirements:** a) Have a bachelor’s degree in Statistics, Data Science, Computer Engineering or Applied Mathematics.
b) Proficiency in both spoken and written Portuguese, at C2 level of the Common European Framework of Reference for Languages, certified by a relevant diploma, or as native language, is required for writing non-technical articles intended for publication in prominent Portuguese newspapers that influence the judicial system.
- Additional optional skills and qualifications:** a) Knowledge in the area of: statistical inference, with a focus on interval estimation; deep learning models, namely for images and/or graphs; predictive classification and regression models, including their evaluation; cluster analysis; intra- and inter-observer assessment; and the use of R and/or Python languages;
b) Immediate availability.
- Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in a MSc in the area of Statistics, Data Science or Applied Mathematics.
- Work plan:** Participation in the following tasks of the AIdentifyAGE project, contributing in particular to the exploratory analysis of data, to the proposal and development of methods for classification and grouping of radiographic images, namely methods based on deep learning, to the integration of the methods developed in the decision support system being developed within the scope of the project, and to the writing and preparation of technical reports and articles:
a) Characterization and Statistical Analysis of Data;
b) Clustering and Classification of Radiographic Images;
c) Application of Dental Age Estimation Model in Judicial System;
d) Communication and Dissemination of Scientific Outputs.
The work plan includes carrying out tasks at the Faculdade de Medicina Dentária of the Universidade de Lisboa, Faculdade de Medicina of the Universidade de Lisboa and at INESC-ID.
- 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](https://www.fciencias.id/regulamento-de-bolsas-de-investigacao-cientifica-da-fciencias.id)).

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

7. **Place of work:** The work will be developed at the CEAUL, Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor Rui Santos (supervisor) and Alexandre Francisco (co-supervisor).
8. **Fellowship duration:** This position is initially opened for 6 months due to start in April 2025. The fellowship contract may be potentially renewed for 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.
9. **Monthly allowance:** The fellowship amounts to € 1040,98, 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 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 CV assessment – 50%, demonstrated experience in the area – 50%.
If necessary, an interview will be held with the 3 (three) best candidates. If an interview is carried out, the weighting will be as follows: CV assessment – 35%, demonstrated experience in the area – 35%, interview – 30%.
Applicants whose application is scored with a final classification of less than 80 points are not eligible for granting a fellowship.
11. **Selection Committee:** Cristiana Pereira (President of the jury), Rui Santos and Cátia Vaz (effective members); Alexandre Francisco and Henrique Oliveira (alternate members).
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 20/03/2025 to 02/04/2025.
14. **Application:** Applications should be sent via e-mail to ceaul@ciencias.ulisboa.pt, by attaching the following documents:
- Curriculum vitae;
 - Certificate of completion of previous degree ^{Note 1, 2,}
 - Certificate of Portuguese Level (for non-native speakers only).
15. **Processing of personal data:** FCIências.ID – Associação para a Investigação e Desenvolvimento de Ciências, as the controller under the General Data Protection Regulation, collects and processes the personal data requested in the context indicated in paragraph 14., under the legitimate interests in ensuring the award of the research fellowship to candidates with the indicated profile.
The personal data will be kept for the period necessary for the execution of the purposes for which they are intended, being ensured the processing and protection in an appropriate and diligent way, the confidentiality and integrity of these data, through appropriate technical and organizational measures.
Personal data may be transmitted to third parties, namely the entity funding the research project, solely for the purposes specifically established. In this sense, whenever the transfer of personal data to countries outside the European Union and/or international organizations is necessary, compliance with the applicable legal provisions is ensured.
You have the right to request access, rectification, elimination, limitation of processing, the right to object and also data portability (if technically feasible), through the e-mail address: dpo@fciencias-id.pt. You also have the right to lodge a complaint with the National Data Protection Commission.

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

For more information, we recommend consulting the Internal Rules of Data Protection of FCIências.ID - Association for Research and Development of Sciences at <https://fciencias-id.pt/>.

16. **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 can be dismissed during the application period and replaced by a declaration on their honour from the applicant ([Minuta PT](#), [Minute EN](#)). 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>.