

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

One Research Fellowship

One (1) Research Fellowship for Graduate is open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project PERSEIDS - Personalizing cancer therapy through integrated modeling and decision (PTDC/EMS-SIS/0642/2014), financed by national funds by FCT / MCTES (PIDDAC) under the Programme All Scientific Domains, under the following conditions:

1. **Scientific Area:** Computer Science
2. **Requirements for admission:**
 - BSc in Computer Science or related scientific area;
 - Extensive knowledge of Machine Learning libraries;
 - Experience in implementation of GP methods.
3. **Factors preferred:**
 - Registration in a MSc course in Computer Science or related area;
 - Knowledge of Python, Java and C++;
 - Experience with the Google cloud;
 - Previous participation in research projects involving GP;
 - Fluency in English language, spoken and written.
4. **Work plan:** The goal of project PERSEIDS is to create accurate classifiers and to identify factors associated with disease outcome, which in turn will support the design of adaptive controllers and decision systems. The ultimate aim is to develop robust clinical decision support systems for personalized cancer therapy optimization by integrating patient multilevel data. The selected candidate will develop and apply classification methods to the data provided by the project, particularly methods based on Genetic Programming, and compare the results obtained by different approaches.
5. **Legislation framework:** Statute of the Scientific Research Fellowship, in accordance with Law 40/2004, of 18 August, as amended and republished by Decree-Law No. 202/2012 of 27 August, and as amended by Decree-Law No. 233/2012 of 29 October and by Law No. 12/2013, of January 29, and Decree-Law No. 89/2013 of 9 July; And also by the FCT, I.P. Fellowships Regulation, in force (<https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT.pdf>) and **FCiências.ID** Fellowship Regulation, as approved on 23rd February 2017.
6. **Place of work:** The work will be developed at the Faculty of Sciences of the University of Lisbon under the scientific guidance of Professor Sara Silva.
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on January 2019. The fellowship contract may be renewed for an additional period of 3 months, or eventually until the end date of the project (whichever comes first), in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.
8. **Monthly allowance:** The fellowship amounts to €745, according to table values of the fellowships awarded directly by the FCT, IP. (<http://www.fct.pt/apoios/bolsas/valores>).

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

The fellowship holder will have a personal accident insurance and, if not covered by any social protection scheme can ensure the right to social security through adherence to the voluntary social insurance scheme, pursuant to Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social.

The fellowship will be paid monthly by bank transfer.

(add, where applicable, other financial components, periodicity and method of payment of fellowship (fellowships)).

9. **Selection method:** Candidates will be assessed based on their CV. Only candidates with scores higher than 75% in the CV evaluation will be considered. Additionally, an interview may be conducted if deemed necessary. The final classification will be the arithmetic average of CV assessment (50%) and interview (50%).

10. **Selection Committee:** Sara Silva, FCUL (President), Luís Correia, FCUL (1st Effective Member), Leonardo Vanneschi, NOVA IMS (2nd Effective Member), Susana Vinga, INESC-ID Lisboa (1st Alternate Member) and Mauro Castelli, NOVA IMS (2nd Alternate member).

11. **Publication/notification of results:** The final results of the evaluation will become public, through ordered list *final grade obtained* which will be posted at the entrance hall of the **FCiências.ID**, located at the Faculdade de Ciências da Universidade de Lisboa, C1 bdg – 3rd floor, Campo Grande, 1749-016 Lisboa, and the selected candidate will be notified by *e-mail*.

12. **Deadlines:** This call for applications is open from 26th December 2018 to 9th January 2019.

13. **Application:** Applications may be sent via e-mail to sara@fc.ul.pt, by attaching the following documents: Curriculum vitae, certificates and other documents considered relevant for the required and preferential items listed in this call. Applications may also be sent by mail to sara4silva5@gmail.com.

NOTE: Please note that Degrees obtained in foreign countries need a Portuguese Recognition certificate and, in some cases, a equivalence certificate issued by a Portuguese high degree institution according to the Decree-Law nr. 341/2007, of Oct 12th, the ministerial order nr. 29/2008, of Jan 10th and the ministerial order nr. 227/2017, of July 25th. The certificate request date must be prior to the application deadline. The presentation of such certificates is mandatory for contract signature. For further info please see <https://www.ulisboa.pt/en/info/foreign-qualifications-0>