

Call for awarding one Scientific Initiation Fellowship

Ref.ª BIC-OCEANS

One (1) Scientific Initiation Fellowship is available with **Faculdade de Ciências da Universidade de Lisboa**, in the Project “The role of subduction initiation in the evolution of Earth's oceans”, IF/00702/2015, financed by national funds by Fundação para a Ciência e a Tecnologia, I.P. (FCT)/MCTES, under the FCT Investigator Grant, under the following conditions:

1. **Scientific Area:** Geosciences

2. **Requirements for admission:**

Mandatory:

- Registration for the first time in Bachelor's or Integrated Master's Program in Geology or related scientific area;
- Must have good computer skills.

Preferential:

- Interest in the scientific areas of Tectonics, Structural Geology, Geodynamics and Marine Geology;
- Experience in the use of software used in the modeling of geological / geodynamic processes (e.g. Matlab, Underworld, Gplates);
- Proficiency in programming.

3. **Work Plan:** The work plan of the fellow will consist of the learning and development of simple 2D tectonic / geodynamic models, using Matlab and Underworld software. The fellow will be integrated in a team that has carried out various modeling works related to various scientific topics in the SW Iberian area. The models will be adapted to the study of the process of reactivation of the SW Iberian margin and the possible process of subduction initiation in this place. In particular, the fellow will design and run simple and 2D reverse-fault models with application to the Gorringe Bank, a structure that is known to be one of the possible sources of the 1755 earthquake and tsunami.

4. **Legislation framework:** Law No. 40/2004, of August 18th, as amended and republished by Decree-Law No. 202/2012 of August 27th, by Decree-Law No. 233/2012 of October 29th, by Law No. 12/2013, of January 29th, and by Decree-Law No. 89/2013 of July 9th and Lisbon University Fellowships Regulation, published by Order (extract) No. 6977/2015 of June 23th (<https://dre.pt/application/file/67564222>).

5. **Place of work:** The work will be developed at Faculdade de Ciências da Universidade de Lisboa.
6. **Scientific supervision:** Dr. João Daniel Casal Duarte and Professor Filipe Medeiros Rosas.
7. **Fellowship duration:** This fellowship is opened for eight months, without possibility for renovation. It is expected to begin in March/April 2018.
8. **Monthly allowance and Social Insurance:**
 - a. The fellowship amount to € 385,00 (three hundred and eighty five euros), according to Lisbon University Fellowships Regulation (<https://dre.pt/application/file/67564222>). It will be paid monthly by bank transfer;
 - b. The candidate to be hired may exercise his right to social insurance by joining the voluntary social insurance scheme, under the terms of the Research Fellowship Legislation. The financing entities assume the costs resulting from the contributions provided for this Social Insurance, according to the Research Fellowship Legislation.
9. **Selection criteria:** Candidates will be assessed based on the curriculum (CV) evaluation and the interview.

The CV evaluation will be based on: i) academic curriculum (25%); ii) computer skills (25%).

The final evaluation will be obtained according to the following weights: 50% for the curricular evaluation and 50% for the interview. The Selection Committee will not award the Scientific Initiation Fellowship if the candidates do not have the necessary profile/curriculum.
10. **Selection Committee:** João Daniel Casal Duarte (President), Filipe Medeiros Rosas (1st Effective Member), e Nicolas Riel (2nd Effective Member), Jaime Almeida (1st Alternate Member) and Hannah Davies (2nd Alternate member).
11. **Publication/notification of results:** The final results of the evaluation will become public, through a final grade ordered list which will be posted at the entrance hall of Faculdade de Ciências da Universidade de Lisboa, C4 bdg, Campo Grande, 1749-016 Lisboa.

All applicants will be notified of the results of the evaluation to the email address used for sending the respective application, or by post to the applicant's address.
12. **Deadlines:** This call for applications is open from 13th to 26th March 2018.

13. **Application:** Application may be sent via e-mail to candidaturas@ciencias.ulisboa.pt, with the subject “BIC-OCEANS”, or personally, during office hours (9.30 a.m. to 4.00 p.m.), at the office address of Núcleo de Expediente da Faculdade de Ciências da Universidade de Lisboa, Edifício C5, piso 1, Campo Grande, 1749-016 Lisboa, until the deadline, by attaching the following documents:

- **In the case of being Portuguese citizen**, copy of identification document (ID or citizen card);
- **In the case of not being Portuguese citizen**, copy of identification document (ID card or passport) as well as residence authorization, permanent residence authorization or long-term resident status, if applicable;
- If you agree to be notified for your post address, please send obligatorily the declaration annexed to this Notice;
- Official document proving registration in Bachelor’s or Integrated Master’s Program in Geology or related scientific area;
- Declaration, dated and signed by the candidate, that he/she had never been registered in FCUL or another institution of Higher Education, in any other Bachelor Degree or other Integrated Master;
- Curriculum Vitae, detailed and updated, stating obligatorily the full candidate’s address;
- Document of employment status, indicating the nature of the bond and functions; this document can be replaced by a declaration under honor commitment if there is any professional activity or the provision of services;
- Cover letter;
- Optionally, letters of recommendation.

DECLARATION

_____ (name of the candidate), declare that if the selection jury chooses to communicate and or notify applicants by e-mail, I agree that such communications and or notifications are made to the email address used for submission of my application.

(Date)

(Signature)