

**Announcement of the Opening of a Call for a Research Fellowship,  
within the scope of the Project "Creating Organisational Structures  
for Meaningful science education through Open Schooling for all (COSMOS)",  
Grant Agreement n.º 101005982, funded by the European Commission  
(SwafS-01-2018-2019-2020: Open schooling and collaboration on science  
education), through Personnel Costs**

**IE-ULisboa/BI/02/2023**

The Instituto de Educação da Universidade e Lisboa (IE-ULisboa) is opening a call for a Research Fellowship within the scope of the Project "Creating Organisational Structures for Meaningful science education through Open Schooling for all (COSMOS)", Grant Agreement n.º 101005982, funded by the European Commission (SwafS-01-2018-2019-2020: Open schooling and collaboration on science education), through Personnel Costs under the following terms:

**1. Scientific Area:** Education

**2. Admission requirements:**

- Applicants must hold a Master degree in Science Education, with a focus on didactics or teaching of physical, chemical, natural and/or environmental sciences;
- Be a student enrolled in the PhD Programme in Education, area of specialization of Science Education;
- Fluency in spoken and written Portuguese and English.

**3. Preferred requirements:**

- previous research experience, demonstrated through the submission of dissertations and/or scientific publications, on the following themes: education based on socio-scientific and/or socio-environmental issues, citizenship education, inquiry-based science education, professional development of science teachers, and communities of practice;
- authorship or co-authorship of scientific publications in the previous referred themes, with preference for articles published in journals and/or publishers indexed in SCOPUS or WoS;
- prior experience of involvement in research groups in the previous referred themes;
- previous experience in international conferences through the presentation of papers.

**4. Work plan:** The fellowship shall support the Project "Creating Organisational Structures for Meaningful science education through Open Schooling for all (COSMOS)", and has as main activities:



- completion of an article-based PhD thesis on the themes such as education based on socio-scientific and/or socio-environmental issues, education for citizenship, inquiry-based science education, professional development of science teachers and communities of practice;
- participation in the development of the teacher professional development initiative foreseen in the COSMOS project;
- support to the communities of practice developed in each of the Portuguese schools involved in the COSMOS project;
- support to the implementation of activities following the Socio-Scientific Inquiry-Based Learning (SSIBL) approach in Portuguese primary and secondary schools;
- development of project monitoring and evaluation activities;
- application of questionnaires to students and implementation of focus groups with students;
- application of questionnaires to teachers and implementation of focus-group with teachers;
- participation in activities to disseminate the project results, namely through the participation in national and international seminars and conferences and the writing of a minimum of four scientific and professional articles to be submitted to SCOPUS/WoS indexed journals;
- development of case studies on the implementation of the project by Portuguese schools;
- collaboration in the construction of open schooling roadmaps with policy and practice recommendations, taking into account the specificities associated with the development of open schooling processes in the different participating countries, organizational structures and cultures, and levels of school openness;
- collaboration in the development of reports on the different Work Packages of the project.

**5. Applicable Legislation and Regulations:** Research Fellowship Statute, approved by Law No. 40/2004, of August 18<sup>th</sup>, in its current wording; Regulation for Research Grants of the Universidade de Lisboa, published in annex to Order no. 6238/2020, DR 2nd Series, no. 113, of 12<sup>th</sup> June 2020, amended and republished by Order no. 8061/2022, DR 2nd Series, no. 126, of 1<sup>st</sup> July 2022.

**6. Workplace:** The work plan will be carried out at the Instituto de Educação da Universidade de Lisboa (IE-ULisboa), under the scientific supervision of Doutor Pedro Guilherme Rocha dos Reis, Associate Professor with Aggregation at IE-ULisboa.

**7. Duration and regime of the fellowship:** The fellowship will have a length of 12 (twelve) months, with a predicted start in September 2023. The fellowship may be renewed, for additional periods, under the terms of article 5, no. 4 of the Regulation for Research Grants of the Universidade de Lisboa.

The tasks as a fellowship holder are carried out under an exclusive dedication regime.



**8. Value of the Monthly Maintenance Allowance:** The fellowship holder receives a Monthly Maintenance Subsidy (MMS) in the amount of 1.199,64€ (one thousand one hundred and ninety-nine euros and sixty-four cents), according to the table of stipends of the fellowships awarded by FCT, IP in the country (<https://www.fct.pt/financiamento/programas-de-financiamento/bolsas/>).

The fellowship includes training costs (tuition fees).

The fellowship holder will benefit from personal accident insurance and, in case he/she is not covered by any social protection system, he/she can appeal to social security under the voluntary social insurance scheme according to the provisions of the "Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social" under the terms and with the limits set forth in article 10 of the Research Fellowship Statute.

**9. Fellowship component payments:** Payments due to fellowship holder are made by bank transfer to the account identified by the fellowship holder or by check.

**10. Selection and Valuation Criteria:** The selection methods to be used will be based on the following parameters:

- A – Academic Path (which reflects the Master's degree grade), with a weight of 20%.
- B – Personal Curriculum (which reflects the scientific path in the area of Science Education), with a weight of 70%.
  - B1 – Spoken and written competences in English and Portuguese (15%).
  - B2 – Authorship or co-authorship of scientific publications in the area of Science Education in journals and/or publishers indexed in WoS or SCOPUS (20%).
  - B3 – Previous experience of research on the themes of education based on socio-scientific and/or socio-environmental issues, citizenship education, inquiry-based science education, professional development of science teachers and communities of practice (15%).
  - B4 – Previous experience of participating in research teams (10%).
  - B5 – Previous experience of presenting papers at international congresses (10%).
- C – Motivation letter, with a weight of 10%.

Applications considered admissible will be scored on a scale of zero (0,000 minimum rating) to twenty (20,000 maximum classification) on each of the three evaluation criteria.

For the purpose of deciding on the award of fellowship, candidates will be ranked according to the weighted average of the classification obtained in each of the three criteria, translated by the following formula:

$$\text{Final Classification} = (0,2 \times A) + (0,15 \times B1 + 0,2 \times B2 + 0,15 \times B3 + 0,1 \times B4 + 0,1 \times B5) + (0,1 \times C)$$

If necessary, only the three candidates with the best classification will be called to carry out the selection interview, which can be carried out by videoconference.

In this case, for applicants who pass to the interview stage, the first evaluation component will weigh 60% and the interview will weigh 40%.

The interview classification will obey the following criteria:

- a) Motivation for scientific research in general (25%);
- b) Specific motivation for the area of study to be undertaken (25%);
- c) Knowledge in the study area covered by the project (25%);
- d) Capacity for communication in English language (25%).

Applicants whose application is evaluated with a final score of less than twelve (12,000) points are not eligible for a scholarship.

**11. Composition of the Selection Jury:** The Jury was appointed by Order No. 17 of the Director of the Instituto de Educação da Universidade e Lisboa (IE-ULisboa), of 28<sup>th</sup> June 2023, and has the following constitution:

- Doutora Mónica Luísa Mendes Baptista, Associate Professor at IE-ULisboa, President of the Jury;
- Doutor Luís Alexandre da Fonseca Tinoca, Assistant Professor at IE-ULisboa, Member;
- Doutora Maria Teresa Maldonado Covas de Sousa Conceição, Assistant Professor at IE-ULisboa, Member;
- Doutora Hélia Margarida Aparício Pintão de Oliveira, Assistant Professor at IE-ULisboa, Substitute Member.

**12. Publication/notification of results:** The final evaluation results will be published in a ranked list of final grades, in a visible, public location at the Instituto de Educação da Universidade de Lisboa and published on the website [www.ie.ulisboa.pt](http://www.ie.ulisboa.pt), with the successful candidate being notified by email.

**13. Application deadline:** The application is open from **June 30<sup>th</sup> to July 13<sup>th</sup>, 2023** (11 p.m., Lisbon time zone).

**14. Submission of application:** Applications must be formalized, necessarily, through the following documents:

- a) Application Form, available at [www.ie.ulisboa.pt](http://www.ie.ulisboa.pt);
- b) Copy of the identification document (with a declaration of consent available on the website [www.ie.ulisboa.pt](http://www.ie.ulisboa.pt));
- c) Detailed Curriculum Vitae;
- d) Proof of enrollment in the current academic year in the PhD Programme in Education, area of specialization of Science Education;
- e) Master's Qualification Certificate, mandatorily specifying the final classification<sup>1, 2</sup>;

- f) Letter of motivation in English stating (i) the purposes and elements considered relevant to the application for the scholarship; (ii) the conditions it considers to meet to develop the doctoral project in the scientific area and in the theme of this notice; (iii) other reasons why it considers that it should be selected;
- g) Proof of proficiency of the English language;
- h) other documents that the candidates may consider relevant.

Applications should be sent to the email address: [bolsas@ie.ulisboa.pt](mailto:bolsas@ie.ulisboa.pt), indicating the Reference **IE-ULisboa/BI/02/2023**.

**Remark 1:** May be dispensed with during the application stage, being replaced by a declaration of honour by the candidates. Until the hiring stage, it is mandatory to present proof of enrollment in a PhD in the current academic year, in the scientific areas mentioned in the admission requirements.

**Remark 2:** The documents proving the completion of academic degrees or diplomas, or a registration in a study cycle leading to the academic degree, may be dispensed with during the application stage, being replaced by a declaration of honour by the candidates. However, the verification of those documents will be mandatory if the fellowship is obtained.

**Remark 3:** The academic degrees obtained in foreign countries require recognition by a Portuguese Institution according to Decree-Law no. 66/2018, of August 16th, and Decree no. 33/2019, of January 25th. The presentation of such degree recognition is mandatory to sign the contract. More information can be found here: <https://www.dges.gov.pt/pt/pagina/reconhecimento?plid=374>. Under regular terms, if the recognition documents are not presented three months after the disclosure of the fellowship approval, the fellowship will not be granted.

**15. Deadlines and procedures for complaints and appeals:** If the decision is not favourable for the candidates, they have 10 working days, starting from the date the results are disclosed, to make a statement in a prior hearing, under the terms of the Administrative Procedure Code.

The final decision may be appealed against to the Head of Instituto de Educação da Universidade de Lisboa up to 15 days after notification.

Instituto de Educação da Universidade de Lisboa, 28th June, 2023

The Director



(Professor Doutor Luís Miguel de Figueiredo Silva de Carvalho)