

1 Research Grant Announcement (M/F)

Call open for applications for a research grant within the framework of project “Determination of organic microcontaminants in drinking water”, financed by Faculty of Engineering of the University of Porto, under the following conditions:

Scientific Area: Environmental Toxicology

Admission requirements: Candidates who cumulatively meet the following requirements may apply for this grant:

Requirement 1:

- To be a student enrolled in a master degree or integrated master program who has already completed the 180 credits corresponding to the first six curricular semesters in the area of Laboratory Sciences and Toxicology, requirement to be proven at the time of signing the contract.

or

- Holder of an academic degree enrolled in a non-academic degree course integrated in the educational project of a higher education institution, developed in association or cooperation with one or more R&D units, requirement to be proven at the time of signing the contract.

And

Requirement 2:

Hold a bachelor's degree in Laboratory Sciences and Toxicology or related field.

If the degree has been awarded by a foreign higher education institution, it must comply with the provisions of the Decree-Law no. 66/2018, of august 16th, and any formalities established there must be fulfilled until the time of signing the contract.

Activity Outline:

- Optimization of solid phase extraction of organic contaminants occurring in drinking water;
- Development and validation of analytical methods based on gas chromatography coupled to mass spectrometry, for quantification of organic contaminants occurring in drinking water;
- Monitoring organic contaminants in drinking water for risk assessment.

Legislation and regulations: Law Nº. 40/2004, of 18th August, in its current wording (Statutes of Scientific Research Fellow) and and Regulation of Research Grants of University of Porto.

Work place: The work will be developed at the Department of Chemical and Biological Engineering of the Faculty of Engineering of the University of Porto (FEUP), under the scientific supervision of Doctor Ana Rita Lado Teixeira Ribeiro.

Grant duration: Initial duration of **4 months**, with the predicted starting date in **June 2025**, on an exclusive basis eventually renewable but never exceeding the project duration.

If the contracting procedures do not allow the scholarship to have a minimum duration of 3 consecutive months, in accordance with paragraph 2 of article 10 of the Research Regulation of Research Grants of University of Porto, the grant will not be awarded.

The eventual renewal of the scholarship will be carried out as determined in article 10 of the Regulation of Research Grants of University of Porto.

Stipend: The grant stipend amounts to 1040,98€ according to the table of values of the Regulation of Research Grants of University of Porto. The payment will be made by bank transfer.

Selection procedure:

The curricular evaluation of the candidates will be evaluated based on the merit of the candidate and the following factors will be assessed:

- a) Academic training: bachelor in the area of Laboratory Sciences and Toxicology - 3 points; bachelor in related area – 1 point;
- b) Final Degree Classifications: equal to or greater than 17 points – 4 points; 16 points – 3 points; 15 points – 2 points; up to 14 values – 1 point;
- c) Knowledge and research experience in analytical chemistry, namely gas chromatography coupled to mass spectrometry and solid phase extraction techniques: more than 6 months - maximum 3 points; up to 6 months - 1 point;
- d) Periods of international research mission or studies abroad above 3 months: maximum 3 points;
- e) English language, to be verified through a motivation letter: up to 2 points.

The ranked candidates with a curricular evaluation above 13 points, will be interviewed (up to 5 points) In the interview topics related with the work plan, experience, motivation and candidate's CV will be discussed).

The final scores results from the sum of the curricular evaluation and the interview.

If none of the candidates achieves a minimum final score of 17 points, the scholarship will not be awarded.

Selection Jury:

President: Doctor Ana Rita Lado Teixeira Ribeiro

Effective member: Professor Adrián Manuel Tavares da Silva

Effective member: Doctor Marta Sofia Oliveira Barbosa

Supplementary member: Doctor Ana Margarida Gorito Gonçalves

Supplementary member: Doctor Daniela Maria Vilaça Pereira

Advertisement of final decision: The results of the evaluation will be released to the candidates by email to the email address indicated in the application process.

Deadline for applications and form of presentation of the applications:

The call is open from **28-05-2025 to 10-06-2025** (until 23h59m, GMT time).

Applications must be formalized by email to ritalado@fe.up.pt and to recursoshumanos@fe.up.pt, clearly stating the reference **FEUP-LSRE-LCM-MPsGC** and including the following pdf documents:

- Motivation letter (in English),
- Copy of certificates evidencing academic degree,
- Detailed *Curriculum Vitae*,
- Recommendation Letter,
- Other documents considered relevant by the applicant.