

1 Research Initiation Grant (M/F)

Call open for applications for a Research Initiation Grant within the framework of project BlueWater - Control, tratamiento y reducción de microplásticos y contaminantes emergentes en aguas residual urbanas y en el medio costero transfronterizo, under reference 0048_BLUE_WWATER_1_E, co-financed by the European Union, in the scope of Interreg VI A Spain - Portugal Cooperation Program (POCTEP) 2021-2027, under the following conditions:

Scientific Area: Environmental Engineering, Chemical Engineering and related fields

Admission requirements:

- To be a student enrolled in a higher technical professional course, a bachelor's degree, in an integrated master's degree, or in a master's degree, in the area of environmental engineering, chemical engineering or related areas, a requirement to be duly proven at the time of signing the contract.

Or

- Be a holder of academic degree (bachelor's 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, a requirement to be duly proven at the time of signing the contract.

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.

Note: The Research Initiation Grant cannot be awarded to those who have already benefited from a research scholarship awarded under the terms of the EBI, according to no. 3 of article 9º of the Research Grants from University of Porto - Regulation No. 184/2021, of 03 March.

Activity Outline: Evaluate the efficiency of tertiary/quaternary treatments of urban wastewater on a pilot scale, such as ozonation and nanofiltration, with the aim of removing contaminants of emerging concern and microplastics, promoting the reuse of water for agriculture.

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

Work place: The work will be developed at the Department of Chemical Engineering of the Faculty of Engineering of the University of Porto (FEUP), under the scientific supervision of Dr. Vítor Jorge Pais Vilar and Dr. Ana Isabel Gomes.

Grant duration: Initial duration of 9 months, with the predicted starting date in February 2025, on an exclusive basis eventually renewable but never exceeding the project duration.

If the contracting procedures do not allow the scholarship to have the minimum duration of 1 consecutive month, in accordance with paragraph 2 of article 9 of the Regulation of Research Grants of University of Porto, the grant will not be awarded.

Stipend: The grant stipend amounts to 601,12 € 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:

Curricular evaluation will focus on the merit of the candidate and the following criteria will be valued:

1. Academic training: Environmental Engineering or Chemical Engineering - 5 points; related areas – 3 points; other areas - 0 points.
2. Academic training classification: average equal or higher than 16/20 - 5 points; average equal to 15/20 - 4 points; average equal to 14/20 - 3 points; other - 0 points.
3. Laboratory experience named in the admission requirements - up to 5 points; laboratory experience in other areas - 3 points; no laboratory experience - 0 points.

The three best-ranked candidates, according to the above criteria, will be called for an interview. This will have an additional score of up to 5 points.

If the minimum score of 12 points is not reached by any of the candidates, the scholarship may not be awarded.

Selection Jury:

President: Dr. Vítor Jorge Pais Vilar

Effective member: Dr. Ana Isabel de Emílio Gomes

Effective member: Dr. Maria Francisca da Costa Moreira

Supplementary member: Prof. Alexandre Filipe Porfírio Ferreira

Supplementary member: Dr. Ricardo Jorge Nogueira dos Santos

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 **04-10-2024 to 17-10-2024** (until 23h59m, GMT time).

Applications must be formalized by email to vilar@fe.up.pt and to recursoshumanos@fe.up.pt, clearly stating the reference **FEUP-BlueWWater-BII-PILOT-TESTING** and including the following pdf documents: Motivation letter, Copy of certificates evidencing academic degree detailed Curriculum

Vitae, Declaration on honour that the candidate fulfils the requirement contained in the no. 3 of article 9 of the Regulation for Research Grants of the University of Porto (model below) and other documents considered relevant by the applicant.

Declaration on honour

I, (identification of the scholarship holder), holder of the Citizen Card / Visa / Residence Permit no. valid until _____, declare under honour, to be in the conditions of no. 3 of article 9º of the Research Grants from University of Porto - Regulation No. 184/2021, of 03 March.

Oporto, __/__/__

Signature

(scholarship holder)