

ANNOUNCEMENT FOR THE AWARD OF A RESEARCH FELLOWSHIP

Title: (Research Fellowship; 1 vacancy)

A call for applications is now open for the attribution of one grant of research fellowship (BI) within the scope of the R&D project *Reducción, reutilización, reciclado y revalorización de residuos orgánicos (Res4ValOr) /Universidade do Minho, (0791_RES4VALOR_1_E)*, co-financed by Fundo Europeu de Desenvolvimento regional (FEDER) through the Programa INTERREG V-A Espanha-Portugal (POCTEP) 2014-2020, under the following conditions:

Scientific Area: Engineering

Candidates profile: BI is intended for graduates in the area of Civil Engineering or Mechanical Engineering, and who cumulatively meet the following requirements:

- Degree in Civil Engineering, Mechanical Engineering or related areas.
- Have experience in laboratory models for monitoring water or effluent treatment processes.

Candidates who do not cumulatively meet the requirements described will be excluded.

Applicants eligibility: Applicants must comply with the eligibility conditions laid down in article 9 of the Research Grants Regulation of the Portuguese Foundation for Science and Technology (2019).

Workplan and objectives to be achieved:

The work plan will consist of the following activities:

- bibliographic research on the retention of pollutants by reactive filtration;
- support in the construction of a filtration column system, including sample preparation and feeding system;
- collection, preservation, and analysis of samples.
- Treatment and critical analysis of the data obtained, and its presentation in a Report.

Based on the previous activities, it will be possible to estimate the efficiency of different filter media in the retention of pollutants, contributing to the definition of selection criteria and design of systems for environmental protection.

The evaluation of the work carried out will be based on the analysis of the work carried out in each of the activities described, with a weighting of 15%, 15%, 35%, and 35%, respectively.

Applicable legislation and regulations: Research Fellowship Holder Statutes, approved by Law no. 40/2004 of August 18, in its current version published by Decree-Law no. 123/2019 of August 28; Regulation of Scientific Research Fellowships of the University of Minho (RBIC), published in “Diário da República”, 2nd serie, no. 119, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021 and Regulation of Research Studentships and Fellowships (RBI) of the Foundation for Science and Technology, I.P. - in force.

Host/Contracting institution and scientific supervision: The workplan will be carried out in the Centre for Territory, Environment and Construction (CTAC) | Department of Civil Engineering of the University of Minho,

located in the *Campus of Azurém in Guimarães*, under the scientific supervision of the Professor Doctor Paulo Jorge Ramisio Pernagorda (Assistant Professor of the Department of Civil Engineering of UMinho).

Fellowship duration: The grant will take place for a period of 5 months, non-renewable, with a provisional starting date on February of 2023.

Amount of the research grant: The value stipend (Monthly Maintenance Allowance) is 835,98 € per month, in accordance with the stipends values published by the Foundation for Science and Technology (FCT I.P.) in the country (Annex I – Monthly Stipends Values for the maintenance allowances of the [FCT Regulation for Research Studentships and Fellowships](#)) and Annex II of the Regulation of Scientific Research Fellowships of the University of Minho (RBIC), published in “Diário da República”, 2nd serie, no. 119, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021, according to the applicable regulation.

Payment is made on the 23st of each month, through bank transfer to the Bank Identification Number of the fellow identified in the contractualization process.

Other components of the research grant: (define the other components of the research grants, in accordance with the no. 5 of the article 18° of the FCT Regulation for Research Studentships and Fellowships, no. 950/2019 of 16-12-2019 or article 21° of the Regulation of Research Fellowships of the University of Minho (RBIC), accordingly with the regulations applicable).

Other benefits: Reimbursement of Voluntary Social Security (Social Security contributions), corresponding to the 1st level of discounts (*for research grants with a total duration 6 months or higher*) and personal accident insurance.

Exclusivity regime: The grantee will perform the activities under exclusivity, as foreseen in article 5° of the Research Fellow Statutes and applicable regulations.

Selection panel:

President: Prof. Maria Fátima Malveiro Bento; Assistant Professor at the Department of Chemistry at the School of Sciences at the University of Minho

Effective members: Prof. Paulo Jorge Ramisio Pernagorda; Assistant Professor at the Department of Civil Engineering at the School of Engineering at the University of Minho and Prof. Ana Cristina Gomes Cunha; Assistant Professor at the Department of Biology at the School of Sciences at the University of Minho

Substitute members: Prof. Ana Paula Almada Faria Bettencourt Estevão; Assistant Professor at the Department of Chemistry at the School of Sciences at the University of Minho and Prof. Rui Pedro Soares Oliveira; Assistant Professor at the Department of Biology at the School of Sciences at the University of Minho

The first effective member will substitute the President of the selection panel in case of impediment, being nominate the first substitute member in the place of the first effective member.

Criteria and procedures for applications assessment and selection: The evaluation of applications will focus on the merit of the candidate (MC), taking into account the academic path (A1), personal curriculum (A2) and letter of motivation and/or letters of recommendation (A3), valued on a scale of 1 to 5 values, and is calculated by the formula:

$$MC=(A1\times 0,5) + (A2\times 0,4) + (A3\times 0,1)$$

A. Candidate Merit (MC)

A1: Academic path, which reflects the classification obtained in the Degree (50%)

A2: Personal curriculum, which reflects the personal, scientific and professional path (40%)

A3: letter of motivation and/or letters of recommendation (10%)

The candidates classified in the top 5 positions, who obtain a minimum classification of 3.5 in the MC, will be admitted to the Interview phase (ENT).

The interview is graded considering interpersonal skills (B1), knowledge demonstrated in the area in question (B2), motivation (B3) and language skills (B4), rated on a scale of 1 to 5 values, according to the following formula:

$$\mathbf{ENT = (B1 \times 0,3) + (B2 \times 0,4) + (B3 \times 0,2) + (B4 \times 0,1)}$$

B. Interview:

B1: Interpersonal skills (30%)

B2: Demonstrated knowledge in the area of the call (40%)

B3: Motivation (20%)

B4: Language skills in Portuguese and English (10%).

Final mark (CF) will be attributed to candidates submitted to the interview according to MC and ENT using the following formula:

$$\mathbf{CF = (MC \times 0.6) + (ENT \times 0.4)}$$

The academic degrees and diplomas documents, or their respective recognition when awarded by foreign higher education institutions are not mandatory in the application phase, being replaced by a declaration of honor of the candidate with the contents of academic results. The documents of academic qualification or respective recognition will be required in the contracting phase and must attest facts that occurred on a date prior to the application. In situations of divergence between the information contained in the declaration and the documentation submitted for contracting the grant, only the information contained in the latter will be considered. If the documents proving the ownership of the academic degree and diploma, or the respective recognition under the terms of Decree-Law No. 66/2018, of August 16, do not correspond to the classifications awarded in the evaluation of the academic path, which can change the candidate's ranking, the fellowship won't be contracted.

Notes: Applicants with degrees obtained abroad must present proof of recognition of qualifications in Portugal and conversion of the final classification obtained in them to the Portuguese classification scale or declaration under the terms indicated in the previous point. Candidates who do not comply with one of these provisions, the selection panel will assign "0" in the grade of the graduation and/or master course. Candidates will be evaluated on the remaining parameters.

Disclosure of results: The provisional results of applications, based in the selection panel minutes, will be sent to the applicants by email until 90 working days from the applications deadline.

If case of unfavourable results, the candidates have a period of 10 working days to comment, if desired, in a prior hearing to interested parties, pursuant to articles 121 and 122 of the Code of Administrative Procedure (DL no. 4 / 2015 of January 7th).

Complaint and appeal procedures: The final results of the evaluation will be published through an ordered list (*alphabetically, by final grade obtained*), posted in a visible and public place of the host unit, as well as by email to all applicants, enclosing for that purpose, the minutes of the jury deliberations.

The selected candidate must inform its willingness to accept the grant, in writing. In case of rejection, the fellowship will be awarded to the next candidate in the ordered list of applicants.

The final decision can be contested within 15 working days, by sending to the President of the jury the corresponding claim. Interested parties may also submit an optional hierarchical appeal, addressed to the Pro-Rector for Research and Projects, Professor Doctor Sandra Cristina Almeida Paiva.

Application deadline and submission: The call for applications is open from 10 working days from the date of publication of the notice on the Euraxess portal.

Applications must be formalized by sending an application letter with the following documents: curriculum vitae; qualifications certificate or declaration of the applicant; motivation letter; statement proving that meets the conditions for the grant typology, according to the application requirements; other documents important to the evaluation process).

Applications must be sent by email to (bolsas@ecum.uminho.pt), indicating the reference of the call for applications" 03/ECUM/CQUM/2023 - Res4ValOr" in Subject. Applications submitted by other means will not be accepted.

Fellowship contractualization: The fellowship will be attributed by signing a fellowship contract between the University of Minho and the fellow, accordingly with the contract minute (annex IV of the Regulation of Research Fellowships of the University of Minho (RBIC), published in *Diário da República, 2nd Série, no. 119*, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021, as indicated in 2.4 of the FCT document: "[Rules for Granting and Management of Grants within the scope of R&D projects, including infrastructure projects, the multi-annual financing program for R&D units and other FCT financing instruments \(Version 2021\)](#)".

The contract may only be concluded after all the documentation required is collected, which must take place within a maximum period of 6 months [including evidences of the academic degrees or diplomas and enrolment in degree courses or non-conferring courses, depending on the type of scholarship].

Once all the documentation has been received, the contracting entity has a period of 60 working days to conclude the scholarship contract. Once received, the fellow must return the contract duly signed within 15 working days.

The activities under the fellowship contract can only began after proper authorization by the contracting entity.

Term and cancellation of fellowship contracts: Without prejudice to the other causes provided the fellowship regulations (FCT and UMinho) and in the Statute of the Research Fellow, the fellowship ends with the completion of the work plan, as well as with the expiration date for which it was granted or renewed.

At the end of the fellowship, the grantee is obliged to present a Final Report of the work carried out, in accordance with the objectives and evaluation criteria defined with the scientific advisor, within 30 days after the end of the scholarship.

The **final report** must be prepared in accordance with Annex I of the Scientific Research Fellowships Regulation of the University of Minho (RBIC), published in *Diário da República, 2nd Série, no. 119*, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021.

Note: The information above required should be submitted in the Euraxess Portal¹, in the fields reserved for those purposes².

¹ The USRH acts as administrator of University of Minho – Human Resources profile. After registration of the employee/researcher/teacher as individual user in the Euraxess, the USRH can add the individual user through the email as “member” of the entity “University of Minho”, allowing the user to publish the fellowship announcements in the Euraxess Portal.

² The FCT ended with the previous validation of the fellowships announcements. The R&D units must strictly follow the Rules for granting and managing research fellowships (2021).