

## NOTICE FOR THE AWARD OF SCHOLARSHIPS IN THE CONTEXT OF R&D PROJECTS AND INSTITUTIONS (M/F)

A competition is open for the award of one (1) **Research Grant** (BI) within the project no. 2022.04240.PTDC - Air pollution in an African megacity: sources and health implications, designated as APAM, of the Centre for Environmental and Marine Studies (CESAM), under the following conditions:

- 1. Scientific area:** Environmental Science and Engineering and related areas.
- 2. Funding source:** Portuguese Foundation for Science and Technology, I.P./MCTES, through national funds (PIDDAC).
- 3. Admission requirements:** Master enrolled in a course that does not lead to an academic degree with academic training in environment, chemistry or related areas.

Knowledge in air quality monitoring and chemical characterization of particulate matter is a preferential factor.

Proof of registration must be carried out prior to contracting, and the candidate may attach a [declaration of honour](#) stating that meets the requirements for registration in a non-degree-awarding course. The requirement to enrol in a course that does not award an academic degree as part of the educational project of the institution (University of Aveiro) must be verified on the date of contracting the scholarship. For the purposes of contracting the scholarship, the selected candidate must present valid proof of enrolment in a course that does not confer an academic degree issued by the respective academic services of the Higher Education Institution, indicating the current academic year or its duration (beginning and term).

If the academic degree was granted by a foreign higher education institution, it must be recognised by a Portuguese higher education institution, in accordance with the provisions of article 25 of Decree-Law no. 66/2018, of 16 August, which approves the legal regime for the recognition of academic degrees and Higher Education diplomas, awarded by foreign higher education institutions, and item e) of number 2 of article 4 of Decree-Law nº 60/2018, of August 3, and any formalities established there must be completed by the date of contracting.

**4. Eligibility:** Candidates who comply with the provisions of item a) of numbers 1 of article 2 of the Research Fellow Statute, as amended by Decree-Law no. 123/2019, of August 28, and numbers 1 and 2 of article 6 of the Research Scholarship Regulation of the Portuguese Foundation for Science and Technology, are eligible. The BI(s) awarded to graduation or master holders who are enrolled in courses that do not confer an academic degree can only be awarded to those who do not exceed, with the conclusion of the scholarship contract in question, including possible renewals, an accumulated period of two years in this type of scholarship, consecutive or interpolated, in accordance with number 5 of article 6 of the aforementioned Regulation.

**5. Work plan:** The work to be carried out by the scholarship holder falls within the objectives and tasks of the APAM project, which include:

- extraction of samples of particulate matter for analysis using different chromatographic techniques,
- analysis of the water-soluble fraction by ion chromatography and liquid chromatography with amperometric detection,
- processing of air quality data (gases and particles) and analysis of size distributions of metals in particulate matter filters obtained with Sioutas samplers.

**6. Applicable legislation and regulations:** Scientific Research Fellow Statute, as amended by Decree-Law No. 123/2019, of August 28; Regulation no. 950/2019, of November 29, published in *Diário da República*, no. 241, 2<sup>nd</sup> Series, of December 16 (Regulation of Research Fellowships of FCT, I.P.); Decree-Law No. 66/2018, of 16 August (Legal regime for the recognition of academic degrees and higher education diplomas awarded by foreign higher education institutions).

**7. Workplace:** The work will be carried out at the Department of Environment and Planning and at the Centre for Environmental and Marine Studies at the University of Aveiro, under the supervision of Doctor Célia dos Anjos Alves.

**8. Duration of the scholarship:** The scholarship will last 12 months, starting on April 2024, and under no circumstances may it exceed the limits defined in numbers 3 and 4 of article 6 of Regulation no. 950/2019, of November 29<sup>th</sup>, published in *Diário da República*, no. 241, 2<sup>nd</sup> Series, of December 16<sup>th</sup> (Regulation of Research Fellowships of FCT, I.P.).

**9. Monthly Maintenance Needs Allowance:** The amount of the scholarship corresponds to €1,199.64, according to the table of Monthly Maintenance Needs Allowance values, set out in Annex I of Regulation No. 950/2019; this amount is subject to any updates that apply to it, in accordance with number 2, article 18, of Regulation no. 950/2019, of 29 November, published in *Diário da República*, no. 241, 2<sup>nd</sup> Series, of 16 December (Regulation of Research Fellowships from FCT, I.P.). The scholarship holder may also be reimbursed the amount corresponding to Voluntary Social Insurance, if he/she adheres to this scheme.

**10. Selection methods:** The selection methods to be used will be the following:

1. Documentary curricular assessment (CA) with a weighting of 0-20 values for each of the following criteria:

CA1 - Adequacy and merit of the candidate's CV taking into account the area in which the competition is opened and the work plan (50%);

CA2 – Proven experience in the area of air quality monitoring and particulate matter characterisation (40%);

CA3 – Additional elements that attest the compliance with scientific indicators, such as publications in indexed journals and works presented at conferences (10%).

Candidates with a graduation and master's degree classification lower than 14 values resulting from a weighted average will be excluded. The jury also reserves the right to exclude candidates who do not reach the minimum grade of 9.5 out of a 0-20 rating.

2. An interview (I) will be carried out via videoconference, which will aim to assess the veracity of the information provided by the candidates, the candidates' interpersonal skills, which are essential for effective teamwork, their capacity for autonomy and motivation, and their communication skills (including knowledge of English).

The final assessment results from the following weighting: Documentary curricular assessment, 80%, Interview, 20%.

3. The Jury reserves the right not to fill the position if no candidate meets the required profile.

**11. Composition of the Jury:** President: Célia dos Anjos Alves, Principal Researcher with Habilitation. Effective members: Teresa Filomena Vieira Nunes, Associate Professor, and Estela Alexandra Domingos Vicente, Junior Researcher. Replacement jury members: Margarita Guennadievna Evtyugina, PhD holder Technician, and Maria Alexandra Castelo Sobral Monteiro, Assistant Researcher with Habilitation. All elements belong to the University of Aveiro.

**12. Application deadline and form of submission of applications:** The competition is open from the 26<sup>th</sup> January to the 9<sup>th</sup> February; only applications submitted within the established deadline will be admitted.

Applications must be formalised by sending an application letter accompanied by the following documents:

- a) Application form for research grants, available at <https://www.ua.pt/en/sgrh/bolseiros>;
- b) Curriculum Vitae;
- c) Academic certificates;
- d) Letter of Motivation;
- e) Declaration of honour attesting that the requirements for registration in a non-degree-awarding course are met;
- f) Other supporting documents considered relevant.

Applications must be sent by email to [dao-bolsaseconcursos@ua.pt](mailto:dao-bolsaseconcursos@ua.pt), with Cc to [celia.alves@ua.pt](mailto:celia.alves@ua.pt).

**13. Method of publishing/notifying results:** The final results of the evaluation will be published through an ordered list alphabetically, by final mark obtained or other posted on the University's website, within 90 working days after the final date of submission of the application, and the successful candidate will be notified by email. For the purposes of prior hearing of interested parties, the deadline of 10 working days is set, as provided for in the Code of Administrative Procedure. At the end of the period for hearing the interested parties, and in the absence of any response from them, the list of candidates will become final. Candidates may lodge a complaint against the final decision within 15 working days, or appeal to the maximum executive body of the funding entity within 30 working days after notification of the final decision, in accordance with the provisions of article 12 of the Research Grants Regulation of the Foundation for Science and Technology.

**14. Validity of the competition:** The final ranking list of candidates will be valid until 1<sup>st</sup> July 2024, for the purposes of creating a selection reserve list.

The scholarship contract and final report models to be prepared by the scholarship holder and the supervisor can be consulted at <https://www.ua.pt/en/sgrh/bolseiros>.