

CALL FOR RESEARCH FELLOWSHIP

University of Coimbra opens a call for one research fellowship, in the framework of the R&D Unit n.º 102, project “Chemical Process Engineering and Forest Products Research Centre (CIEPQPF)” (reference: UIDB/00102/2020), financed by Fundação para a Ciência e a Tecnologia, I.P./MCTES (PIDDAC, in the following conditions:

Scientific area: Sciences and Technologies (Chemical Engineering, Biological Engineering, Materials Engineering, Biomedical Engineering, Environmental Engineering, or related areas), or Exact Sciences (Chemistry, Physics, Computer and Information Sciences, or related areas), or Natural Sciences (Earth and Environmental Sciences, Biological Sciences, or related areas)..

Skills/Qualifications/Admission requirements: Holders of a Master's degree in Science and Technology, or in Exact Sciences, or in Natural Sciences, or similar areas, in areas related to the required functions, and students enrolled in PhD or in course not conferring an academic degree (advanced studies in the same areas).

Preferred requirements:

- laboratory and analytical experience, namely in spectroscopy, chromatography, thermal analysis and other techniques;
- experience in technology and statistical treatment of data, and in the treatment of bibliometric indicators of science and treatment
- autonomy and ability to work in a team;
- sense of responsibility and capacity for initiative.

The course that does not award an academic degree must be related to the type of scholarship activity

“Courses not conferring an academic degree” must be related to the research fellowship’s activity type. “Courses not conferring an academic degree” are the courses referred to in paragraph e) of number 3 of article 4 of Decree-Law no. 74/2006, of 24 March, in the current wording, provided that they are developed in association or cooperation between the higher education institution and one or more R&D units, in accordance with the provisions of paragraph e) of article 3 of the Regulation for Research Fellowships of the Fundação para a Ciência e a Tecnologia, I.P.

Although the recipients must be enrolled in a cycle of studies leading to the attribution of an academic degree or in a course not conferring an academic degree, at the time of application

it is not necessary for the candidate to have made such an enrollment, and proof of enrollment must be presented until the fellowship is contractualized. Candidates are only required to meet the requirements to enroll in the training offer. If there are candidates already enrolled (including attending a course), they compete on an equal footing with those who are not enrolled.

Work plan/ Objectives:

Objectives: The grant is intended to carry out research, analytical and dissemination/dissemination activities of the R&D Unit - CIEPQPF.

Work plan:

1 - Activities to support scientific research in progress at CIEPQPF, execution of laboratory and analytical work, namely in spectroscopy, chromatography and thermal analysis techniques.

2 - Support the CIEPQPF Board in carrying out tasks in matters of document management and dissemination/dissemination, such as:

- collection, compilation and preparation of scientific and statistical information, in the form of reports, to be provided to the unit and to R&D funding and coordinating entities;
- collaboration in the activities of bibliographic research, data collection, and treatment of bibliometric indicators of science and technology, using the Web of Science and Scopus/InCites (or other) databases;
- collaboration in the production, translation and availability of content related to the organization of the unit, scientific productivity, reports, research projects, awards, dissemination actions, etc., on the www site and on social networks (Facebook, Twitter, LinkedIn and others) of the CIEPQPF;
- collaboration in the organization and support of Seminars, Meetings, Congresses and other events of a scientific and training nature initiated by the Centre;
- support for the dissemination and dissemination of scientific activities and other activities relevant to the CIEPQPF mission, including support for the organization of actions to disseminate scientific culture to the public.

Regime: The attribution of the fellowship does not generate or entitle a relation of a legal-labour nature, and the fellowship is undertaken in an exclusive dedication regime. The fellowship holder is awarded the Fellowship Statute of the UC, in its current wording, according to the Research Fellowship Holder Statute, and according to the Regulation for Research Fellowships of the Fundação para a Ciência e a Tecnologia, I.P., both in their current wording.

Location: Chemical Process Engineering and Forest Products Research Centre (CIEPQPF), Department of Chemical Engineering, Faculty of Science and Technology, at the University of Coimbra.

Duration: 6 months.

Renewal: Eventually renewable, by agreement between the parties, not exceeding the end of the project.

Scientific orientation: Director of CIEPQPF, Prof. Doctor Hermínio José Cipriano de Sousa.

Financial conditions: The amount of the fellowship is € 1144,64 corresponding to the monthly compensation stipulated in the FCT table (<https://www.fct.pt/apoios/bolsas/valores.phtml.en>), plus social security (*Seguro Social Voluntário*, first level contributions) and personal accidents insurance. The payment will be made by bank transfer. This amount will not be increased during the entire period of the fellowship duration.

Selection methods: Curricular Evaluation (70%) and Interview (30%) of the 3 candidates ranked highest in the Curricular Evaluation..

Selection criteria: Selection criteria:

In Curricular Evaluation (E) the following criteria will be considered:

- E1. Master degree classification (40%)
- E2. Adequacy of the CV to the work plan (20%)
- E3. Cover/motivation letter (10%)

In Interview (I) the following criteria will be considered:

- I1. Ability to demonstrate acquired knowledge in the requested functions (15%)
- I2. Communication skills in Portuguese and English (10%)
- I3. Motivation (5%)

The calculation of the Final Classification, from 1 to 5 being given by:

$$\text{Classificação Final} = (0.4 \times E1) + (0.2 \times E2) + (0.1 \times E3) + (0.15 \times I1) + (0.1 \times I2) + (0.05 \times I3)$$

The Jury has the right not to select any candidate if it is verified that none of them has the appropriate profile for the requested functions, or if it none of the candidates obtains a Final Classification equal to or greater than 3.

Jury responsible for selection: Prof. Doutor Hermínio José Cipriano de Sousa (Presidente), Doutora Ana Filipa Avelar Borba, Prof. Doutor Pedro Nuno Neves Lopes Simões, Prof. Doutor Jorge Fernando Brandão Pereira.

Formalization of application: The following documents must accompany the submission of the application:

1. Cover/motivation letter that clearly states the candidate's availability to begin the work on the fellowship on the scheduled date;
2. Up-to-date Curriculum Vitae (CV) of the candidate, with a clear description of his/her qualifications and skills;
3. Documents proving all the skills and works mentioned in the CV.
4. Document(s) proving the candidate holds the indicated academic degree and/or diplomas, including the degree final average and, preferably, a transcript of all course grades;
5. (optional during the application phase) Document proving the enrollment and registration in a cycle of studies, or in the "Course not conferring an academic degree" listed on the application notice. This registration can be made at any time after the application, as long as it occurs before the fellowship contract is signed;.

Declaration on the honor of the candidate(s) with the indication of the fellowship(s) of the typology to which the contest was held and the respective duration(s).

Applicants with academic degrees obtained abroad will be required to present a Certificate of Recognition in accordance with applicable law. This document is mandatory only in the contractualization phase.

Applications submission: The applications are to be sent, with all the requested documents as attachments, by e-mail addressed to the Director of CIEPQPF (cideq@eq.uc.pt), indicating the reference of the public notice in the e-mail subject)..

Submission of applications: Between 26/05/2022 and 08/06/2022.

Submission deadline date: 08/06/2022.

Additional information: The evaluation results will be announced within 90 working days after the end of the applications submission deadline, by notifying the applicants via email. After the announcement of the results, candidates are considered automatically notified to, if they wish to do so, comment on the results on a preliminary hearing period within 10 days

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after that date. After this, the selected candidates will have to declare in writing their acceptance. Unless a justification worthy of consideration is presented, if the declaration is not submitted within the referred period, it is considered that the candidate waives the fellowship. In case of resignation or withdrawal of the selected candidate, the next candidate with the highest evaluation score will be notified immediately.

Once the selection process is completed, the fellowship contract will be drawn up in accordance with the draft contract provided by the FCT.

After the contracted period, the fellowship holder and supervisor must prepare the final report in accordance with the respective assessment criteria that were established.

Selection reserve list: N.A.