

ANNOUNCEMENT FOR 1 RESEARCH SCHOLARSHIP

Ref: ESS/CIR-CEMAH/BI/2024/02

Application is open for the award of 1 Research Scholarship under the Rehabilitation Research Centre Unit through FCT's Multi-Year Financing of R&D Units with reference UIDB/05210/2020 and UIP/05210/2020, financial support from FCT/MCTES through national funds (PIDDAC), under the following conditions:

1. SCIENTIFIC AREA

Biomedical Engineering; Bioengineering; Physiotherapy or a related area.

2. ADMISSION REQUIREMENTS

General requirements:

- a) The candidate must hold a Bachelor's degree, being enrolled at the date of contracting the scholarship, in a postgraduate course, in an integrated master's degree or master's degree in the specified scientific area, or related area.
- b) Candidates who are not yet registered may apply, and the granting of a scholarship is subject to the existence of a valid registration within six months from the date of communication of the approval in the scientific evaluation, according to paragraph 2 of Article 9 of the Regulation of Scholarships of the Polytechnic of Porto.

Candidates who have obtained the degree abroad must have the degree recognized in Portugal, and the conversion of the respective final classification to the Portuguese classification scale, under the terms of Decree-Law No. 66/2018, of 16 August.

Preferred factors:

- a) Knowledge and experience in the evaluation of the human movement system using biomechanical instrumentation and biological signals;
- b) Experience in research projects in the area of rehabilitation;
- c) Good interpersonal relationship.

3. WORK PLANE

Collaborate in the research activities of the Centro de Estudos de Movimento e Atividade Humana with regard to:

- a) Support for the use and maintenance of optoelectronic systems, inertial measurement units, dynamometers, ergometers, biological signal measurement systems, in particular electromyography, and indirect calorimetry;
- b) Support for ongoing R&D projects at the Centro de Estudos de Movimento e Atividade Humana;
- c) Support in the preparation of applications for new projects.

4. APPLICABLE LEGISLATION AND REGULATION

- Law No. 40/2004, of August 18, amended by Decree-Law No. 202/2012, of August 27, by the Decree-law n.º 233/2012, of October 29, by Law n.º 12/2013, of January 29, by Decree-law n.º 89/2013, of July 9th and by Decree-Law n.º 123/2019, of August 28th.
- P.PORTO Research Grant Regulation (P.PORTO/P-001/2020), approved by the Order P.PORTO-P-015-2020.
- FCT Research Grants Regulation, I.P., n.º 950/2019, of December 16th, and amended by Regulation no. 643/2021, published in the 2nd series of the Official Gazette no. 135, of 14 July.

5. SCIENTIFIC GUIDANCE AND WORKPLACE:

The work will be carried out on the Centro de Estudos de Movimento e Atividade Humano do Centro de Investigação em Reabilitação of Instituto Politécnico do Porto, under the scientific guidance of Prof. Dr. Andreia Sofia Pinheiro de Sousa.

6. DURATION AND ACTIVITY REGIME

12-month scholarship contract, possibly renewable for periods of 6 months, up to the maximum limit provide in the regulation, on an exclusive basis, in accordance with the applicable regulations.

7. AMOUNT OF MONTHLY MAINTENANCE ALLOWANCE

The amount of the grant corresponds to €990,98, according to the FCT table of values in force, paid monthly, plus the reimbursement of the voluntary social security, in accordance with the provisions of the regulation, and in accordance with the Expense Authorization Request(s) No. PAD-ESS4867.

8. METHOD OF SELECTION AND COMPOSITION OF THE JURY

The selection method to be used will be in accordance with the following selection criteria and respective valuations:

Sub-criterion 1: Curriculum and academic and scientific course evaluation (25%).

- Affinity of curriculum training with the themes of the work plan.
- Consideration of other higher education actions.
- Other merits.

Sub-criterion 2: Assessment of skills and experience in the area (50%)

- Scientific publications and technological production.
- Experience in participating in the preparation of applications for Research and Development.
- Professional experience.
- Experience with processing documentary information.
- Other merits.

Sub-criterion 3: Interview (25%)

- Fluency and ability to communicate, including English (mandatory)
- Clarification of existing doubts related to the curriculum and experience components and scientific (sub-criteria 1 and 2)
- Assessment of critical thinking and complex problem solving skills

Candidates may be excluded from the competition on the following grounds:

- a) Because they do not have the mandatory requirements required in the invitation to tender (point 2.);
- b) Applicants who score less than 9.5 in any of the assessment components, are considered excluded from the public tender procedure, not being evaluated in the following component(s);
- c) The lack of attendance for the interview by the candidate or even the unavailability of the same in providing any additional clarifications that may be requested is equivalent to withdrawing from the competition.

Composition of the Selection Jury:

President of the Jury – Prof. Dr. Andreia Sofia Pinheiro de Sousa, Adjunct Professor at ESS|P.PORTO

Effective Member – Prof. Dr. Manuel Rubim Silva Santos, Coordinator Professor at ESS|P.PORTO, who substitutes for the President in absences and impediments;

Effective Member – Prof. Dr. Rui Miguel Urbano Veiga Macedo; Coordinator Professor at ESS|P.PORTO

Substitute Member – Prof. Dr. Maria Augusta Ferreira Silva, Adjunct Professor at ESS|P.PORTO.

9. FORM OF PUBLICATION/NOTIFICATION OF RESULTS

The results of the application will be communicated to the candidates electronically, through the platform available at <https://domus.ipp.pt/concursos/ess/pessoal/>, in accordance with the deadlines set out in the Regulation for Scholarships Research by P.PORTO.

10. DEADLINE FOR APPLICATIONS AND FORM OF SUBMISSION OF APPLICATIONS

The contest is open for a period of 10 days, from 21th February to 5st of May of 2024.

Applications must be formalized by completing the form application form, which is available at <https://www.ess.ipp.pt/ess/recrutamento/bolsas-de-investigacao/bolsas-de-investigacao>, and from the respective submission until the end of the deadline set together with the remaining documents:

- 1) Curriculum Vitae;
- 2) Certificates of Qualifications, or the respective recognition (with conversion of the respective classification final) when awarded by foreign higher education institutions;
- 3) Proof of enrollment in a cycle of studies leading to the attainment of an academic degree or degree in progress hon-degree holder, if you are not a P.PORTO student;

- 4) Declaration, under oath, that you are aware of the Scholarship Regulations Investigation of P.PORTO (P.PORTO/P-001/2020), approved by Order P.PORTO-P-015-2020, and who undertakes to comply with the same;
- 5) Other documents that the candidate considers relevant.

Notes:

- The supporting documents referred to under number 2, of ownership of academic degrees and diplomas, or the respective recognition when they have been awarded by educational institutions foreign higher education institutions, may be waived during the application phase, being replaced by declaration of honor of the candidate, verification of this condition occurring only in the phase of exchange contracting. The non-delivery or non-compliance of these documents, within six months from the date of communication of approval in the context of scientific evaluation, implies the non-award of scholarship.
- The proof referred to under number 3 may not be delivered, leaving the grant conditional on the existence of a valid registration within a period of six months from the date of communication of approval in the context of scientific evaluation.

Applications sent via email or any other electronic means will not be accepted.

Escola Superior de Saúde do Instituto Politécnico do Porto

Rua Dr. António Bernardino de Almeida, 400 4200 – 072, Porto

T.: +351 222 061 000; E-Mail: geral@ess.ipp.pt

16 de fevereiro de 2024 – The President of Escola Superior de Saúde do Instituto Politécnico do Porto, *Maria Cristina Prudêncio Soares*.