

ANNOUNCEMENT FOR THE AWARD OF ONE (1) RESEARCH SCHOLARSHIP

REF.º: ESS/LABRP/BI/2022/01

A call is open for one research scholarship(s) under the scope of the Psychosocial Rehabilitation Laboratory of the School of Health of the Polytechnic Institute of Porto, financed by own funds, under the following conditions:

1. SCIENTIFIC AREA

Multimedia

2. ADMISSION REQUIREMENTS

General requirements:

- a) Be a graduate or master and be enrolled, on the date of contracting the grant, in a course not awarding an academic degree integrated into the educational project of a higher education institution, developed in association or cooperation with one or more R&D units;
- b) Not to 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.
- c) If the qualification has been granted by a foreign higher education institution, it must be recognized by a Portuguese higher education institution in accordance with the law in force, and any formalities established therein must be fulfilled by the date of the deadline for the application.

Specific requirements:

- a) Academic background: Degree in Multimedia
- b) Average final classification bachelor's degree equal to or greater than 14 values.

Preferred factors:

- a) Preference is given to candidates who have experience and skills in:
 - Development of research work in the field of Virtual and Augmented Reality applied to the context of Health and Rehabilitation;
 - Good interpersonal relationship;
 - Mastery of the following competences:
 - Modeling and Animation of the character and scenarios, Autodesk Maya and Blender;
 - Development of games and interactive experiences using the Unity and Unreal game engines;
 - Development of experiences in virtual and augmented reality;

- Use of virtual and augmented reality equipment;
- Capture of human movements for 3D animation, XSens system, OPTITREK and ORGANIC MOTION;
- Programming oriented to video games, C#;
- Interactive sound, Audiokinetic Wwise;
- Web Development, HTML, CSS;
- Specialized Training Frequency in Interactive Systems
- Design, Image and Video Treatment;
- Digital Photography;
- Photoshop, After Effects, Illustrator, Premier and Adobe Acrobat;
- Frequency of training specialized in Interactive Systems;
- Immediate availability to start the scholarship (to be mentioned in a letter of motivation).

3. WORK PLAN

Collaborate in the work plan of the Psychosocial Rehabilitation Laboratory, namely:

- a) Support for the use and maintenance of virtual reality equipment and motion capture, including headset HTC, QUEST 2, RIFT, CAVE, OPTITREK, ORGANIC MOTION;
- b) Support to R&D projects under development in the Psychosocial Rehabilitation Laboratory, in particular in the Mental Health Literacy project, in collaboration with the Municipality of Póvoa de Varzim;
- c) Support to the activities underway in the Virtual and Augmented Reality Skills Center of the Polytechnic Institute of Porto, under the responsibility of the Psychosocial Rehabilitation Laboratory.

4. APPLICABLE LEGISLATION AND REGULATIONS

- Law No. 40/2004, of August 18, as amended by Decree-Law No. 202/2012, of August 27, by Decree-Law No. 233/2012, of October 29, by Law No. 12/2013, of January 29, by Decree-Law No. 89/2013, of July 9 and by Decree-Law No. 123/2019, of August 28.
- P.PORTO Research Scholarship Regulation (P.PORTO/P-001/2020), approved by the Order P.PORTO-P-015-2020.
- FCT Research Scholarship Regulation, I. P., no. 950/2019, of December 16.

5. SCIENTIFIC GUIDANCE AND WORKPLACE:

The work will be developed in the Psychosocial Rehabilitation Laboratory of the School of Health of the Polytechnic Institute of Porto, and may involve trips to the community, under the scientific guidance of Prof. António Marques, PhD.

6. DURATION AND ACTIVITY REGIME

12-month scholarship contract, possibly renewable for a period of 12 months, up to the maximum limit provided for in the Regulation, on an exclusive basis, in accordance with the applicable regulations.

7. AMOUNT OF MONTHLY MAINTENANCE ALLOWANCE

The amount of the scholarship corresponds to 875.98 €, according to FCT's values table (<https://www.fct.pt/apoios/bolsas/valores.phtml.pt>), paid monthly, plus the reimbursement of voluntary social insurance, in accordance with the provisions of the Regulation, and according to Application for Authorization of Expenses No. PAD-ESS3468.

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 their assessments:

- a) Evaluation of the Curriculum Vitae and adequacy of the candidate's profile to the post, with an appreciation from 0 to 20 (weighting 50%);
- b) Interview. The interview will be evaluated on a scale of 0 to 20 values (weighting 50%).

The candidate who obtains the best rating in the percentage weighting will be selected: 50% for the curriculum evaluation and adequacy of the candidate's profile and 50% for the interview.

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

- a) For not possessing the mandatory requirements described in the announcement of the competition (point 2.)
- b) Candidates who obtain valuation below 9.5 in any of the evaluation components are considered excluded from the concurs procedure and are not evaluated in the following component(s);

c) The lack of access to the interview by the candidate or the unavailability of the same to provide any additional clarifications that are requested, is equivalent to the withdrawal of the contest.

Composition of the Selection Jury:

President of the Jury: António José Pereira da Silva Marques, PhD, ESS Coordinating Professor ESS| P. PORTO

Effective Member: Paulo Sérgio Machado Veloso Gomes, Adjunct Professor at ESS| P. PORTO, which replaces the president in absences and impediments;

Effective Member: João Paulo Rucha das Dores da Costa Donga, Adjunct Professor at ESMAD| P. PORTO

Alternate Member: Maria João Ribeiro Fernandes Trigueiro, PhD, Adjunct Professor at ESS| P. PORTO.

9. PUBLICIZING/NOTIFICATION OF RESULTS

The results of the competition will be communicated to candidates electronically, through the electronic platform available at <https://www.ess.ipp.pt/concursos/pessoal>, accordance with the deadlines set forth in the P. PORTO Research Scholarship Regulations.

10. PERIOD OF APPLICATION AND FORM OF SUBMISSION

The competition is open within 10 working days from November 22 to 6 December 2022.

Applications must be formalized by completing the electronic application form, which is available at <https://www.ess.ipp.pt/concursos/pessoal>, submission by the expiry of the deadline set in conjunction with the remaining documents:

1. Curriculum Vitae;
2. Certificates of Qualifications;
3. Proof of enrolment in the cycle of studies leading to the achievement of an academic or in progress not conferring a degree, if you are not a student of P.PORTO;
4. Declaration, under a commitment of honor, that
 - a) It became aware of the Regulation of Research Grants of the P.PORTO (P.PORTO/P-001/2020), approved by the Order P.PORTO-P-015-2020, and who undertakes to comply with the same;
5. Other documents that the applicant considers relevant.

Notes:

- The supporting documents referred to in number 2, the title of academic degrees and diplomas, or their recognition when they have been awarded by foreign higher education institutions, may be waived at the application stage, being replaced by the applicant's declaration of honor, and the verification of this condition is only in the process of contracting the scholarship.
- The proof referred to on number 3 may not be submitted, and the granting of a scholarship is conditional on the existence of valid registration within six months from the date of communication of approval in the framework of scientific evaluation.
- Applications sent by e-mail or by any electronic means other than that determined will not be accepted.

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A Presidente da ESS, *Cristina Prudêncio*.