

**ANNOUNCEMENT FOR THE ATTRIBUTION OF 1 RESEARCH GRANT(S), REF.: E2S/CIR-  
LABRP/BI/2024/03**

A call is open for the granting of 1 Research Grant within the scope of the Rehabilitation Research Centre, Psychosocial Rehabilitation Laboratory, funded by its own resources, under the following conditions:

**1. SCIENTIFIC FIELD**

Multimedia / Informatics

**2. ADMISSION REQUIREMENTS****General Requirements**

- a) Bachelor's degree, as well as being enrolled, at the time of the formalization of the contract, in a non-degree course 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 signing of the current grant contract, including possible renewals, an accumulated period of two years in this type of grant, whether consecutive or intermittent;
- c) Must not have previously been a recipient of any other research grant directly or indirectly funded by the FCT;

Candidates who have obtained their degree abroad must have it recognized in Portugal, and their final grade converted to the Portuguese grading scale, according to Decree-Law No. 66/2018 of August 16.

**Specific requirements:**

- a) Academic background: Bachelor's degree in Multimedia or in the field of Informatics.
- b) Bachelor's final grade average of 14 or higher.

**Preferred factors:**

- a) Preference will be given to candidates who have experience and skills in:
  - Conducting research in the field of Virtual and Augmented Reality applied to Health and Rehabilitation contexts;
  - Good interpersonal skills;
  - Proficiency in the following areas:
    - 3D modelling and animation of characters and scenes using Autodesk Maya and Blender;
    - Game and interactive experience development using Unity and Unreal game engines;
    - Development of virtual and augmented reality experiences;
    - Use of virtual and augmented reality equipment;
    - Human motion capture for 3D animation, using XSens, OPTITREK, and ORGANIC MOTION systems;

- Game programming with C#;
- Interactive sound using Audiokinetic Wwise;
- Web development using HTML and CSS;
- Specialized training in Interactive Systems;
- Design, Image and Video processing;
- Digital Photography;
- Photoshop, After Effects, Illustrator, Premier and Adobe Acrobat;
- Immediate availability to start the Grant (to be mentioned in the motivation letter).

### 3. WORK PLAN

Collaborate on the work plan of the Psychosocial Rehabilitation Laboratory, including:

- a) Support the use and maintenance of virtual reality and motion capture equipment, including HTC, QUEST 2, RIFT, CAVE, OPTITREK, ORGANIC MOTION;
- b) Support R&D projects in development at the Psychosocial Rehabilitation Laboratory, particularly the Mental Health Literacy project, in collaboration with the Municipality of Póvoa de Varzim;
- c) Support activities at the Virtual and Augmented Reality Competence Centre of the Polytechnic Institute of Porto, managed by the Psychosocial Rehabilitation Laboratory.

### 4. APPLICABLE LEGISLATION AND REGULATION

- Law No. 40/2004 of August 18, amended by Decree-Law No. 202/2012 of August 27, Decree-Law No. 233/2012 of October 29, Law No. 12/2013 of January 29, Decree-Law No. 89/2013 of July 9, and Decree-Law No. 123/2019 of August 28.
- Research Grant Regulation of P. PORTO (P. PORTO/P-001/2020), approved by Dispatch P. PORTO-P-015-2020.
- Research Grant Regulation of FCT, I.P., No. 950/2019 of December 16, 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 at the Psychosocial Rehabilitation Laboratory of the School of Health of the Polytechnic Institute of Porto, which may involve travel to the community, under the scientific guidance of Prof. António José Pereira da Silva Marques.

## 6. DURATION AND ACTIVITY REGIME

The grant contract is for 12 months, possibly renewable for an additional 12 months, up to the maximum period specified in the regulations, on an exclusive basis, according to the applicable regulations.

## 7. MONTHLY MAINTENANCE GRANT AMOUNT

The amount of the grant is €990.98, according to the current FCT table of values, paid monthly, plus reimbursement for voluntary social insurance, as provided in the regulations, and according to Expense Authorization Request No. PAD PAD-ESS 5609.

## 8. SELECTION METHOD AND JURY COMPOSITION

The selection method will be based on the following criteria and respective evaluations:

- a) Assessment of the *Curriculum Vitae* and the candidate's suitability for the position, with a valuation from 0 to 20 (weight 50%);
- b) Interview. The interview will be evaluated on a scale from 0 to 20 (weight 50%).

The candidate with the highest overall score, weighted at 50% for the CV and suitability assessment and 50% for the interview, will be selected.

Candidates may be excluded from the selection process for the following reasons:

- a) Failure to meet the mandatory requirements specified in the call for applications (point 2);
- b) Candidates who score less than 9.5 in any of the evaluation components will be considered excluded from the selection process and will not be evaluated in subsequent components;
- c) Failure to attend the interview or unavailability to provide any additional information requested will be considered as withdrawal from the application.

Selection Jury Composition:

Jury President: Prof. António José Pereira da Silva Marques, Coordinator Professor at E2S|P.PORTO

Effective Members:

Prof. Paulo Sérgio Machado Veloso Gomes, Adjunct Professor at E2S|P.PORTO, who will take over the president's responsibilities if the president is absent and impeded.

Prof. Vítor Júlio de Silva e Sá, Adjunct Professor at E2S|P.PORTO.

Alternate Member:

Prof. Maria João Ribeiro Fernandes Trigueiro, Coordinator Professor at E2S|P.PORTO.

#### 9. METHOD OF PUBLICATION/NOTIFICATION OF RESULTS

The results of the selection process will be communicated to the candidates electronically via the online platform available at <https://domus.ipp.pt/concursos/ess/pessoal/>, in accordance with the deadlines specified in the P. Porto Research Grant Regulation.

#### 10. APPLICATION DEADLINE AND SUBMISSION METHOD

The selection process is open for a period of 10 working days, from September 23 to October 4, 2024.

Applications must be submitted electronically using the application form available at <https://www.ess.ipp.pt/ess/recrutamento/bolsas-de-investigacao/bolsas-de-investigacao>, and must be completed by the end of the deadline, along with the following documents:

- 1) Curriculum Vitae;
- 2) Certificates of Qualifications;
- 3) Proof of enrolment in a degree course or non-degree course, if not a student of P. Porto;
- 4) A declaration, under honour, stating that the applicant has read the P. Porto Research Grant Regulation (P. PORTO/P-001/2020), approved by Dispatch P. PORTO-P-015-2020, and agrees to comply with it;
- 5) Other documents the applicant considers relevant.

#### Notes:

- The documents referred to in point 2, concerning academic degrees and diplomas, or their recognition if awarded by foreign higher education institutions, may be waived at the application stage, and replaced by a sworn statement from the candidate. Verification of these conditions will occur only at the grant contract stage.
- The proof referred to in point 3 may not be provided initially. The grant will be conditional upon the existence of valid enrolment within six months from the date of communication of approval following the scientific evaluation.

School of Health, Polytechnic Institute of Porto

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September 19, 2024 – The President of the School of Health of the Polytechnic Institute of Porto, *Maria Cristina Prudêncio Pereira Soares*