Reference: Public notice no. 10/2021/ PDF/DEP/CIDTFF

NOTICE FOR THE AWARD OF GRANTS IN THE SCOPE OF R&D PROJECTS AND INSTITUTIONS

A tender is hereby opened for the award of 1 (one) **Postdoctoral Fellowship** (PDF) in the scope of R&D project EduCITY – Smart and sustainable cities with Augmented Reality mobile educational games made by and for the Citizens" (PTDC/CED-EDG/0197/2021), of the CIDTFF – Research Centre on Didactics and Technology in the Education of Trainers of the Department of Education and Psychology of the University of Aveiro, under the following conditions:

1. Scientific Area*:* Education Sciences.

2. Funding Source*:* Foundation for Science and Technology, I.P./MCTES, through national funds (OE).

3. Admission Requirements: Doctorate in Education, in Multimedia in Education or related area, with preference in previous research experience in the area of game-based learning and/or in the area of Internet of Things and/or in the area of Education for Sustainability.

If the qualification has been conferred by a foreign higher education institution it must be **recognized by a Portuguese higher education institution**, under the terms of the provisions of article 25 of Decree-Law no. 66/2018, of August 16th, which approves the legal regime of recognition of academic degrees and diplomas of Higher Education, attributed by foreign higher education institutions, and of paragraph e) of no. 2 of article 4 of Decree-Law no. 60/2018, of August 3rd, and any formalities established therein must be fulfilled by the date of the hiring act.

4. Eligibility: Applicants are eligible if they comply with paragraph b) of nos.1 and 2 of article 2, of the Research Fellow Statute as amended by Decree-Law no. 123/2019, of August 28th, as well as in article 7 of the Research Grant Regulations of the Foundation for Science and Technology. PDFs can only be granted provided the following requirements are met **cumulatively**:

a) The doctorate has been obtained within the three years prior to the date of submission of the application for the grant;
b) The postdoctoral research is carried out in a host entity different from the entity where the research work leading to the doctoral degree was carried out;
c) the research activities do not require postdoctoral experience;
d) the research activities have a time frame for development and implementation of three years or less;
e) The fellow does not exceed, with the conclusion of the grant contract in question, including possible renewals, an accumulated period of three years in that type of grant, consecutive or interpolated.

5. Work plan: The work plan should contribute to the objectives of the EduCITY project (https://blogs.ua.pt/cidtff/?p=39432) and involves the tasks: to collect, analyze and keep up-to-date the bibliography related to the studied problematic; to support the design and testing of the mobile application using augmented reality and the game creation platform to be developed by an enterprise; to collaborate in the development of digital pedagogical guides about sustainability; to organize and participate in activities for different target audiences, including teacher training; to collaborate in the collection and analysis of research data; to collaborate in the preparation of scientific publications and of dissemination of the project to the community; and to support the writing of the project's annual reports.

6. Applicable legislation and regulations: Statute of Scientific Research Grant Holder, as amended by Decree-Law no. 123/2019, of August 28th; Regulation no. 950/2019, of November 29th, published in Diário da República, no. 241, Series II, of December 16th (FCT, I.P. Research Grants Regulation); Decree-Law no. 66/2018, of August 16th (Legal regime for recognition of academic degrees and diplomas of higher education awarded by foreign higher education institutions).

7. Workplace: The work will be carried out at the CIDTFF – Research Centre on Didactics and Technology in the Education of Trainers of the Department of Education and Psychology of the University of Aveiro, under the scientific supervision of Doctors Lúcia Pombo and Margarida M. Marques.

8. Duration of the grant(s): The grant duration will be 12 months, starting in March 01st, 2022, possibly renewable for additional periods of 12 months, up to the maximum funding approved (December 31st, 2024), and may under no circumstances exceed the limits defined in the Regulations for the type of grant in question, in accordance with Article 7 of Regulation No. 950/2019, of November 29th, published in the Diário da República, No. 241, Series II, of December 16th (FCT, I.P. Research Grants Regulation).

9. Amount of monthly maintenance allowance: The amount of the grant corresponds to €1,646.00, according to the table of monthly maintenance allowance amounts set out in Annex I of Regulation no. 950/2019, subject to any updates that may be applicable, under the terms of no. 2 of article 18 of Regulation no. 950/2019, of November 29th, published in Diário da República, no. 241, Series II, of December 16th (Research Grants Regulation of FCT, I.P.). The fellow may also be reimbursed for the amount corresponding to the Voluntary Social Security, in case of adherence to this plan.

10. Selection methods: The selection methods to be used will be the following: A - curricular assessment (60%) and B - interview (40%). The three candidates with the best classification in the curricular assessment will be face-to-face and individually interviewed. Candidates who are not ranked in the first three places of the curricular assessment are considered excluded from this tender.

Applications considered admissible will be scored on a scale of 1.0 (minimum) to 10.0 (maximum) in each of the following evaluation criteria:

- Criterion A – Curricular assessment, with a weight of 60%;

- Sub-criterion A1 – Scientific performance, with a weight of 70%.

Scientific production, participation in scientific projects, and involvement in activities/initiatives with the scientific community (for example, in networks and events) will be valued, considering its scope (national and international) and relevance to the work plan of the EduCITY project, with preference in the area of game-based learning and/or in the area of Internet of Things and/or in the area of Education for Sustainability.

- Sub-criterion A2 – Knowledge extension and dissemination activities, with a weight of 30%.

The organization of scientific and technological dissemination initiatives for different audiences, the (co)authorship of scientific and technological dissemination publications and the presentation and promotion of lectures, seminars, workshops and other activities aimed at different audiences are valued.

- Criterion B – Interview, with a weight of 40%.

The candidate's motivation and skills will be valued for the development of the proposed work plan.

For the purposes of the decision on granting a scholarship, candidates will be ranked according to the weighted average of the classification obtained in each of the three criteria, translated by the following formula:

$$\text{Final Classification} = (0.6 \times A) + (0.4 \times B)$$

For tie-breaking purposes, the ranking of candidates will be based on the classifications given to each of the evaluation criteria in the following order of precedence: criterion A, criterion B.

The Jury reserves the right not to propose the award of the scholarship if it considers that none of the candidates has the appropriate profile, experience and/or skills to carry out the work plan.

11. Composition of the Selection Jury:

- Dr Lúcia Maria Teixeira Pombo, Assistant Researcher of the University of Aveiro (Chair of the Selection Jury)
- Dr Margarida Morais Marques, Doctorate Researcher (Level 1) (Permanent member)
- Dr Vânia Neves Marques Carlos, Doctorate Researcher (Level 1) (Permanent member)
- Dr Maria Teresa Bixirão Neto, Assistant Professor of the University of Aveiro (Alternate member)
- Dr Pedro Miguel dos Santos Beça Pereira, Assistant Professor of the University of Aveiro (Alternate member)

12. Deadline for applications and how to submit applications: The call is open from November 24th to December 12th, 2021, and only applications submitted within the deadline will be admitted.

Applications must be formalized by sending a letter of application accompanied by the following documents:

- Curriculum vitae of the candidate organized in accordance with assessment criterion A, as indicated in point 10 of this tender, and including: i) elements of the identity card/citizen card/passport; ii) email address for receiving notifications for all purposes within this procedure; iii) ORCID link; iv) list of scientific indicators that allow the Jury to carry out curriculum assessment, under the indicated terms. All indicators (scientific articles, communications, book chapters, books, patents, participation in projects, etc.) referred to in the CV and respective proofs must be accessible through the internet, so candidates must indicate an active link/URL where the Jury can access them;
- Certificates of qualification of the held academic degrees, specifying the final classification. If candidates do not yet have a doctoral certificate, they can submit a declaration of honor from the candidate that he/she concludes the doctoral degree by the end of the application period (in applicable cases);
- Proof of recognition of academic degrees awarded by foreign higher education institutions and proof of the conversion of the respective final classification to the Portuguese classification scale, or, alternatively, the candidate's declaration of honor that he/she obtains recognition of the foreign degree equivalent to that of PhD by the end of the application period (where applicable);
- Application form available at https://www.ua.pt/file/60800

Applications should be sent by e-mail to cidtff@ua.pt, with the subject "Application for a Postdoctoral Fellowship - EduCITY", with notice of receipt.

The referred documents must be sent in PDF format. The name of the file must make explicit mention of its content, and there must be one file for each type of document. The file designation must consist of characters from A to Z and from 0 to 9, and must not contain special characters such as \ | / : . ; ? = " # $ % & ( ) [ ] } { +, nor should Portuguese characters be used (á À é È ó Ó ã õ õ ê Ê ç Ç).

13. Form of publication/notification of results: The final results of the evaluation will be published through an ordered list by final mark obtained 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. Tender duration: The final ranking list of candidates will be valid until December 31st, 2022 for the purpose of constituting a reserve list for selection.

The models of the grant contract and of the final report to be prepared by the grant holder and the supervisor are available at Research fellows - sgrh - Universidade de Aveiro (ua.pt).

University of Aveiro, November 23th, 2021

Assinado por : **LÚCIA MARIA TEIXEIRA POMBO**
Num. de Identificação: BI100676413
Data: 2021.11.23 17:48:59+00'00'

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Lúcia Maria Teixeira Pombo, Ph.D.