ANNOUNCEMENT

AWARD OF ONE RESEARCH GRANT FOR A BACHELOR'S DEGREE HOLDER REF.ª ESS/TBIO/SIREN/BI/2026/23

A call is open for applications for one Research Grant under the SIREN project: SIREN – Safety & Incident Response for building Emergency Networks, at the Center for Research in Translational Health and Medical Biotechnology (TBIO), RISE-HEALTH Management Unit of the School of Health (ESS – Escola Superior de Saúde) of the Technical University of Porto, financial support from Programa Temático Inovação e Transição Digital (COMPETE 2030), under Fundo Europeu de Desenvolvimento Regional (FEDER), with the reference COMPETE2030-FEDER-01232700, under the following conditions:

1. SCIENTIFIC AREA

Ergonomics and Human Factors

2. ADMISSION REQUIREMENTS

2.1 – General admission requirements for applying for a research scholarship:

a) National citizen or citizen of another European Union Member State;

b) Citizen of a third country;

c) Stateless person or beneficiary of political refugee status;

d) Must meet one of the following academic conditions:

1) Be enrolled in an integrated Mastre's or a Master's programme, aiming to consolidate their scientific training through the development of research work leading to the award of the respective academic degree, whether or not integrated into R&D projects.

e) For cases referred to in point 1), candidates who have obtained their degree abroad must have it recognised in Portugal, with the conversion of the final grade to the Portuguese grading scale, in accordance with Decree-Law No. 66/2018 of 16 August.

2.2 – Specific Requirements:

a) Academic background: Bachelor's degree in Occupational Safety and Health, Physiotherapy, or related fields.

b) Not to have benefited from a non-degree-awarding research scholarship for an accumulated period of 2 years, consecutive or non-consecutive.

2.3 – Preferred Factors:

Preference will be given to candidates who demonstrate experience and skills in:

a) Knowledge of exercise physiology, fatigue, and ergonomics;

b) Knowledge in basic instrumentation of physiological monitoring sensors;

c) Ability to interact with participants in experimental or occupational settings.

3. WORK PLAN

The work aims to contribute to the development of a firefighter monitoring platform. The tasks to be carried out will include:

a) Participation in the definition and operationalization of use cases, functional requirements, and the design of experimental studies, in collaboration with the research team and operational partners;

b) Collaboration in planning and execution of data collection procedures, including contact with participants, implementation of experimental protocols, sensor placement, recording of operational context, and ensuring the quality of the data collected;

c) Organization, annotation, and initial preprocessing of the collected data, ensuring its proper structuring for subsequent analysis;

d) Support for the implementation, follow-up, and monitoring of pilot studies in laboratory, simulated, and, where applicable, operational environments;

e) Collaboration in data analysis.

f) Collaboration in the dissemination of the results.

4. APPLICABLE LEGISLATION AND REGULATIONS

- Law No. 40/2004, of 18 August, amended by Decree-Law No. 202/2012, of 27 August, Decree-Law No. 233/2012, of 29 October, Law No. 12/2013, of 29 January, Decree-Law No. 89/2013, of 9 July, Decree-Law No. 123/2019, of 28 August, and Decree-Law No. 65/2024, of 1 October.
- Article 37 of Decree-Law No. 63/2019, of 16 May.

- FCT Research Scholarship Regulations, I.P., No. 950/2019, of 16 December, amended by Regulation No. 643/2021, of 14 July, revised and republished by Notice no. 412/2026/2, published at Diário da República, second serie, no. 4 of January 7.
- UTP Research Scholarship Regulations (P.PORTO/P-001/2020), approved by Order P.PORTO-P-015-2020.

5. SCIENTIFIC COORDINATION

Scientific Coordinator: Professora Doutora Matilde Alexandra Rodrigues, Professora Coordenadora, ESS|UTP.

6. SCIENTIFIC SUPERVISION AND WORKPLACE

Scientific Supervisors: Professora Doutora Matilde Alexandra Rodrigues, Doutora Ana Catarina Pereira, Professor Doutor Paulo José medeiros de Carvalho.

The work will be carried out at TBIO, RISE-HEALTH of ESS at the Technical University of Porto.

Address: Rua Dr. António Bernardino de Almeida, 400 City: PORTO Postal Code: 4200–072
Contact: Phone: +351 222061000 Email: geral@ess.ipp.pt Website: https://www.ess.ipp.pt

7. DURATION AND WORK REGIME

A scholarship contract for a period of 12 months, potentially renewable until the end of the project implementation period, on an exclusive basis, in accordance with the applicable regulations.

8. MONTHLY MAINTENANCE GRANT

The scholarship amount is 1.090,98 €, in accordance with the current FCT funding table (https://www.fct.pt/wp-content/uploads/2026/03/Tabela-de-Valores-SMM-2026.pdf) paid monthly, in addition to reimbursement of voluntary social security contributions, as provided for in the regulations.

9. SELECTION METHOD AND COMPOSITION OF THE JURY

9.1 – Methods for Candidate Selection:

A) Curriculum assessment and suitability of the candidate's profile for the position, scored from 0 to 20 (weighting: 50%);

B) Interview, scored from 0 to 20 (weighting: 50%).

For each of the criteria, the factors to be considered and their respective weights are:

A) Curriculum assessment and suitability of the candidate's profile for the position, scored from 0 to 20 (weighting: 50%):

i. Academic qualifications:

Bachelor's degree in Occupational Safety and Health, Physiotherapy, or related scientific fields – 8 points

Bachelor's degree in other fields – 4 points

ii. Experience in a work or research context involving the collection and organization of physiological data – 4 points

iii. Knowledge/skills in the following areas: collection and organization of physiological data; exercise physiology, fatigue, and ergonomics; basic instrumentation and use of physiological monitoring sensors – 4 points

iv. Full availability, including for fieldwork – 2 points

v. Scientific publication of one or more articles in a journal with an impact factor (Web of Science – Clarivate Analytics) – 2 points

B) Interview, scored from 0 to 20 (weighting: 50%):

i. Communication and teamwork skills – 5 points

ii. Demonstrated knowledge in the following areas: collection and organization of physiological data; exercise physiology, fatigue, and ergonomics; basic instrumentation and use of physiological monitoring sensors – 10 points

iii. Critical thinking and problem-solving skills – 2.5 points

iv. Motivation to participate in the project – 2.5 points

9.2 – Tie-breaking Criteria:

In the event of a tie in the final ranking, the following tie-breaking criteria shall be applied, in descending order of priority:

In the event of a tie, the panel will hold a vote in which all panel members will cast a vote. In the event of a further tie, the chair of the panel shall have the casting vote.

9.3 – Reasons for Candidate Exclusion:

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

a) Failure to meet the requirements specified in the call for applications (section 2);

b) Candidates who obtain a score lower than 9.5 in any of the evaluation components will be considered excluded from the selection procedure and will not be assessed in subsequent components;

c) Failure to attend the interview, when applicable, or unavailability to provide any additional clarifications requested will be considered as withdrawal from the selection process.

9.4 – Composition of the Selection Jury:

President of the Jury – Professora Doutora Matilde Alexandra Rodrigues, Professora Coordenadora at ESS|UTP.

Full Member – Doutora Ana Catarina de Jesus Pais Pereira, Investigadora at TBIO at ESS|UTP.

Full Member – Professor Doutor Paulo José Medeiros de Carvalho, Professor Adjunto at ESS|UTP.

Alternate Member - Professor Doutor Pedro Miguel Martins de Almeida Melo, Professor Adjunto at ESS|UTP.

Alternate Member – Professor Doutor Pedro Manuel Ribeiro da Rocha Monteiro, Professor Coodenador at ESS|UTP.

10. METHOD OF PUBLICISING/NOTIFYING RESULTS

The results of the selection process will be communicated to candidates electronically, via the email address provided by the candidate in the application, in accordance with the deadlines set out in the UTP Research Scholarship Regulations. The minutes are mandatorily archived by the jury on the platform supporting this call: https://domus.ipp.pt/concursos/ess/pessoal/.

11. APPLICATION PERIOD AND SUBMISSION PROCEDURE

11.1. Application Period

The call for applications is open for a period of 10 working days, from 04/11/2026 to 17/11/2026.

Publication date: 03/11/2026.

11.2. Submission Procedure

Applications must be submitted exclusively through the electronic application form, available at https://www.ess.ipp.pt/ess/recrutamento/bolsas-de-investigacao/bolsas-de-investigacao, along with the required supporting documents, by the deadline.

Applications sent via email or any other electronic means not specified above will be summarily rejected.

11.3. Application supporting documents

1. Curriculum vitae;
2. Certificates of qualifications, or their recognition (with conversion of the final grade) when awarded by foreign higher education institutions, without prejudice to the provisions of paragraph 1 of the following section;
3. Proof of enrolment in a degree-awarding cycle of studies or in a non-degree-awarding course, if not a student at UTP, without prejudice to the provisions of paragraph 2 of the following section;
4. Declaration, under honour commitment, that:

   (a) they have read the current UTP research scholarship regulations and undertake to comply with them; (b) the award of this scholarship contract does not exceed the maximum legally permitted period, consecutive or non-consecutive.

11.4. Specific conditions for supporting documents

The documents referred to in item 2 of the previous section:

1) **Proof of academic degree(s) and diploma(s), or their recognition** when awarded by foreign higher education institutions – mandatory whenever holding the degree is a condition of admission or a selection criterion, although it may be waived during the application stage and replaced by a declaration of honour from the candidate, with verification occurring only at the scholarship contract stage;
2) **Proof of enrolment** in a degree-awarding cycle of studies or a non-degree-awarding course, if not a student at UTP – mandatory whenever enrolment is a condition of admission, with the scholarship grant conditional upon valid enrolment within six months from the date of notification of approval at the scientific evaluation stage.

12. Deadlines and procedures for complaints and appeals

A complaint may be lodged against the final decision within 15 working days, or an appeal may be made to the Rector of UTP within 30 working days, both counted from the date of notification, in accordance with article 12 of the current UTP research scholarship regulations.

13. AUTHORISATION OF EXPENDITURE

Expenditure authorisation request no.: PAD-ESS8533.

Project reference: COMPETE2030-FEDER-01232700.

Project title: SIREN - Safety & Incident Response for building Emergency Networks.

November 2, 2026 — The Director of the School of Health at the Technical University of Porto, *Professor José Miguel Silveira Correia Saúde.*