

Research Studentships (for students of a course that does not award an academic degree or PhD students)

Applications are open for one Research Studentship(s), within the framework of project/R&D institution “EN-VISION ENVIRONMENTAL Sustainability In hOSPital settINgs: Multi-methodological and multicriteria collaborative approaches for promoting environmental-related decision-making in hospitals”, reference 2023.17708.ICDT, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Economics and Management

Admission Requirements:

- a) have completed a master’ degree in biomedical engineering or in a related field;*
- b) be enrolled on an PhD program or in a course that does not confer a degree in the area of engineering and management or in a related field;*
- c) have academic knowledge on healthcare systems and on decision support models;*
- d) have research or professional experience in a health context.*

Workplan: In line with the development of applied research to support the evaluation of environmental sustainability initiatives at the EN-VISION partner hospitals and a publication in an international journal:

- a) Design a questionnaire for participants in collaborative processes eliciting MACBETH judgments in the process of constructing multi-criteria models to evaluate environmental sustainability initiatives in a hospital setting;
- b) Construct a group decision support system (using AI tools) that enables:
 - b1) Synthesizing the judgments generated in a), both overall and by group;
 - b2) Aggregating these judgments and supporting the conversion of qualitative judgments into quantitative scales for the groups and overall (in combination with the M-MACBETH DSS);
 - b3) Visualize participants’ responses overall and the differences between groups;
 - b4) Map how AI tools can support participants’ responses;
- c) Collaborate on the application of the questionnaire and decision support system to case studies with the project’s partner hospitals;
- d) Prepare a report and materials to disseminate the study’s results.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; FCT Regulation for Research Studentships and Fellowships, available on <https://dre.pt/application/file/a/127230968>.

Workplace: The work will be developed at Centre for Management Studies of Instituto Superior Técnico, under the scientific supervision of Mónica Duarte Correia de Oliveira

Duration: The research fellowship(s) will have the duration of 12 months. It’s expected to begin in September/2026, and cannot be renewed. Where an academic qualification or degree is awarded during the term of the scholarship agreement, the agreement may be completed in accordance with the terms set out therein.



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Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2026/>), the amount of the monthly maintenance allowance is €1359,64, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: *Curriculum evaluation and individual interview*, with the respective weight of 60% and 40%, respectively (candidates will be evaluated in each dimension in a 0-100 scale).

Composition of the selection Jury: Mónica Duarte Correia de Oliveira (Full Professor) (Presidente), Ana Catarina Lopes Vieira Godinho de Matos (Assistant Professor), Ana Isabel Cerqueira de Sousa Gouveia Carvalho (Associate Professor)

Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Deadlines and procedures of complaint and appeal. A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST-ID within 30 working days, both counted from the respective notification

Application deadline and formalization: The call is open from August 18 until August 31, 2026.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados>); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at an academic degree course (PhD) or at a course that does not award an academic degree; v) motivation letter.

Applications must be submitted to the email: cegist@tecnico.ulisboa.pt



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