

Postdoctoral

Ecole/Institution/Société:

Universitat de Barcelona, Spain / Barcelona

Discipline:

Artificial Intelligence

Type d'emploi::

Full-time

Date de publication:

2025-02-23

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Postdoctoral position in Barcelona on Artificial Intelligence

Job Information

Organisation/Company: Universitat de Barcelona

Department :OPIR

Research Field: Medical sciences

Positions: Postdoc Positions

Country:Spain

Job Status :Full-time

Hours Per Week: 37

Offer Description

We are offering an exciting postdoctoral position at the University of Barcelona, within the Artificial Intelligence in Medicine lab (www.bcn-aim.org), specialising in the ethics and regulatory framework of AI in digital health and healthcare.

Concretely, we offer:

A research position in beautiful Barcelona and its Mediterranean climate.

Research experience within a prestigious university (1st position in Spain).

Cutting-edge research in AI for healthcare in one of the most dynamic research groups in Europe (10 active projects including an ERC grant).

An international research environment by joining a multi-cultural team representing all continents.

Opportunities to collaborate with international and inter-disciplinary collaborators as part of the European projects.

Support in career development ([e.g.](#) grant applications, supervision of PhD students).

Travelling opportunities to scientific events, project meetings and international stays.

Flexible working hours, with possibility to telework.

Competitive salary equivalent to Assistant or Associate Professor at the University of Barcelona, depending on experience.

The requirements for the position are:

PhD in bioethics, health policy, or a related field, with expertise in AI regulation and digital health ethics.

Knowledge of GDPR, European AI Act, and other EU regulatory frameworks.

Experience in compliance, risk assessment, and governance of AI in healthcare.

Demonstrated ability in project management within European research projects.

Excellent communication skills and ability to work in an interdisciplinary research environment.

Proficient English, both oral and written.

Enthusiasm about research and medical applications of AI.

Aptitude to work independently, lead project deliverables and meet deadlines.

Good team spirit and participation to the lab's scientific life.

Aptitude to collaborate with local and international project partners (including technical and clinical collaborators).

Furthermore, knowledge in any of the following areas are desirable (but optional):

Prior experience with AI-driven healthcare projects.

Familiarity with digital health platforms.

Experience engaging with policymakers and regulatory bodies.

Personalised and/or precision medicine.

The research projects:

You will join our exposome team, as part of ongoing projects, particularly HappyMums and others such as Youth-GEMs, YouthREACH funded by the European Commission and focusing on prenatal, child, and adolescent mental health. In these projects, we are developing new trustworthy AI solutions for personalised medicine approach to tailor the care models in the field of mental health diseases. The project will build on a unique set of big data repositories to develop AI-based predictive models of mental illness trajectories and proof-of-concept tools on actionable targets. Should you join our team, you will collaborate with several technical and clinical partners within and outside Europe (e.g. in the Netherlands, United Kingdom, Germany, Spain, Ireland, Estonia, Italy, Croatia, Russia, Australia).

The group:

The successful candidate will join the Artificial Intelligence in Medicine Lab (www.bcn-aim.org), which is an integral part of the University of Barcelona's Faculty of Mathematics and Computer Science. It is a young and dynamic research lab, highly active in international projects, and composed of >25 enthusiastic academics, researchers, students and research managers, with expertise in data science, machine/deep learning, biomedical informatics, trustworthy AI, and health-related applications. The research group has an established track record in coordination and participation in European and international projects (> 10 million Euros over the last 5 years) in biomedical data science and medical AI (e.g. EuCanImage, LongITools, RadioVal, DataTools4Heart, Youth-GEMs, HappyMums, AIMIX, AI4HF, YOUTHreach).

The institution:

The University of Barcelona (UB), founded in 1450, is one of the oldest universities in Spain. It

comprises a student body of 84,370 and 4,548 research staff members. With 73 undergraduate programs, 273 graduate programs and 48 doctorate programs, UB is the largest university in Barcelona and Catalonia. The UB is ranked the first Spanish university according to several rankings (QS World University Rankings 2022, Shanghai Ranking 2022). It is particularly interested in fostering international relations and, for many years, has managed an average of 150 European projects per year. The University of Barcelona is part of the prestigious League of European Universities Research (LERU).

Gross salary per year: 40.000 €.

Where to apply

Website

<https://t.ly/yVSgm>

Requirements

Research Field

Ethics in health sciences

Education Level

PhD or equivalent

Research Field

Medical sciences

Education Level

PhD or equivalent

Research Field

Other

Education Level

PhD or equivalent

Skills/Qualifications

- PhD in bioethics, health policy, or a related field
- Knowledge of GDPR, European AI Act, and/or other EU regulatory frameworks.
- Experience in governance of AI in healthcare.
- Demonstrated ability in project management within European research projects.
- Excellent English, both oral and written
- Ability to independently present results

Specific Requirements

- Good team spirit and participation in the scientific life of the lab
- Aptitude to work independently, to lead on project deliverables to co-supervise students, and to represent the lab at meetings and events
- Aptitude to collaborate with both technical and clinical collaborators
- Passion for applications of artificial intelligence to biomedicine
- Strong writing and speaking skills.

Languages

ENGLISH

Level

Excellent

Research Field

Ethics in health sciences Medical sciences Other

Years of Research Experience

4 - 10

Additional Information

Eligibility criteria

- Adequacy of the CV (maximum 50)
- Specialty doctorate (30), generic doctorate (20)

- Letter of motivation (maximum 20)

- Experience in the field (maximum 30).

Minimum score to pass the selection process: 60/100 points.

Selection process

An interview will be conducted if the evaluation committee deems it necessary.

Required documentation:

- CV (include contact details of people from whom references or reports can be requested)

- Motivational letter

- Registration form (Appendix 3)

*Be in possession of the doctor's degree at the time of the formalization of the contract.

Additional comments

Duration of the contract of employment: 12 months, renewable up to 31/10/2026.

The candidate proposed for hiring must accept the job offer within 3 working days from the date of notification of the selection.

Priority will be given to people with disabilities (Law 89/2015 of June 2, reserve of quota 2% in favour of people with disabilities in companies of 50 or more people).

Be aware that the starting date sets in this offer is an estimate date. The official starting date will depend on the bureaucratic time that will take the preparation of the labour contract and presentation of the necessary documents to be hired by the selected candidate.

For additional information regards this offer, please, contact Paloma Fernández:
paloma.fernandez@ub.edu

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