



OLLSCOIL NA GAILLIMHE
UNIVERSITY OF GALWAY

Postdoctoral
Researcher



Medical Device Development & Preclinical Lead Centre for Research in Medical Devices (CÚRAM)

Ref. No. 011827

JOB ADVERTISEMENT

Applications are invited from suitably qualified candidates for a full-time, fixed term position as a Postdoctoral Researcher at the Centre for Research in Medical Devices ([CÚRAM](#)), University of Galway, Ireland.

This position is funded through Enterprise Ireland's Commercialisation Funding Programme and is available from July 2026 for a 12-month period initially, with a possibility for a 12-month extension, subject to successful project outcomes and funding acquisition.

Organisation CÚRAM is a national, Research Ireland-funded research centre that brings together researchers from University of Galway, University College Dublin, Dublin City University, University of Limerick, University College Cork, Trinity College Dublin, and Royal College of Surgeons Ireland. The prime objective for CÚRAM is to radically improve health outcomes for patients by developing innovative implantable 'smart' medical devices to treat major medical needs.

The project will focus on the the technical and preclinical development of a novel non-invasive neuromodulation medical device with an aim to developing the technology towards the spin-out stage. Specifically, the successful candidate will design, fabricate and assess a neural stimulation prototype device. The project will be conducted with commercialisation and industry partners to accelerate clinical translation.

Salary: Postdoctoral Researcher salary scale €46,805- €59,654 per annum, (subject to the project's funding limitations), and pro rata for shorter and/or part-time contracts.

The default position for all new public sector appointments is the 1st point of the salary scale. This may be reviewed, and consideration afforded to appointment at a higher point on the payscale (subject to the project's funding limitations), where evidence of prior years' equivalent experience is accepted in determining placement on the scale above point 1, subject to the maximum of the scale.

[\(Research Salary Scales - University of Galway\)](#)

Closing date for receipt of applications is 17:00 (Irish Time) on 1st of July 2026. It will not be possible to consider applications received after the closing date.

***Please review full job description for further details and essential requirement**

JOB DESCRIPTION

Job Description:



The successful candidate will be responsible for the engineering and testing of a non-invasive neural stimulation technology, and perform benchtop, ex vivo and in silico analysis. The candidates will also embark on prototype development.

Duties and Responsibilities:

- Perform extensive benchtop, ex vivo and in silico analysis;
- Engage in stakeholder analysis and prototype development;
- Demonstrate project management skills and co-supervision of student team-members;
- Actively participate in reporting and financial management;
- Participate in Patent filling and data publishing;
- Closely work with industry partners and postdoctoral scientists within CÚRAM, and associated institutes within and outside the University of Galway.
- Any other duties assigned commensurate to this level of post.

ELIGIBILITY REQUIREMENTS

Essential Requirements:

- Candidates must have a PhD in Biomedical Engineering, Electrical Engineering, Medical Physics, materials science, or similar.
- Proven track record in a research and development environment.
- Experience in applied R&D, ideally in medical devices, neuromodulation, or bioelectrical systems.
- The successful candidate should also have expertise in as many of the following areas as possible: medical device prototyping, medical imaging, computational modelling and neurophysiology.
- Strong written and verbal communication skills

Desirable Requirements:

- Candidates should be highly motivated and passionate about developing new medical products.
- Experience with energy-based experiments and temperature sensors
- Familiarity with medical device standards, regulatory pathways, or quality systems
- Experience engaging with clinicians, industry partners, IP development or technology transfer offices
- Neurophysiology techniques
- Computational modelling

CONTINUING PROFESSIONAL DEVELOPMENT

Continuing Professional Development/Training:

Researchers at University of Galway are encouraged to avail of a range of training and development opportunities designed to support their personal career development plans. University of Galway provides continuing professional development supports for all researchers seeking to build their own career pathways

either within or beyond academia. Researchers are encouraged to engage with our Researcher Development Centre (RDC) upon commencing employment - see [HERE](#) for further information.

Further Information/Links

- **To apply:** [Jobs - University of Galway](#). Applications must be submitted online.



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o [How to apply guide](#)



• For informal enquiries, please HR EXCELLENCE IN RESEARCH
contact Maria Galve Villa, maria.galvevilla@bioinnovate.ie

- [University's Strategic Plan](#)
- [Working in Research at University of Galway](#)
- [Moving to Ireland \(Euraxess\)](#)
- [Applicant Information](#)
- We reserve the right to re-advertise or extend the closing date for this post.
- University of Galway is an equal opportunities employer.
- All positions are recruited in line with Open, Transparent, Merit (OTM) and Competency based recruitment.

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