

Expressions of Interest

Senior R&D Engineer – Medical Device Development

BioInnovate Ireland

NUI Galway

Ref. No. NUIG-027-18

Expressions of interest are invited from suitably qualified individuals with an engineering / technology background for the role of **Senior R&D engineer** for the design and development of implantable medical devices. The position is initially available for a 6 month fixed-term contract with the opportunity for continuation subject to project success and funding acquisition. The position is funded by Enterprise Ireland through their Commercialisation Fund programme.

Candidates for Senior R&D Engineer will ideally have an engineering background and significant

The Project:

The MARLIN project is developing miniature electronic implants for the treatment of various disease indications.

Duties:

- Develop and test microcontroller code for a electronic implant prototype
- Develop and test microcontroller hardware interfaces
- Develop and test Bluetooth interfaces for Smartphone App development.

Qualifications/Skills required:

- Bachelor, Master or PhD in electronic engineering.

Essential Requirements:

- Demonstrable evidence of strong programming skills in C, C++, Python, Matlab, Octave.
- Evidence of experience with microcontroller development boards
- Evidence of ability to apply quality system techniques to software development.
- Evidence of ability to evolve engineering documentation based on developments.

Desirable Requirements:

- Good working knowledge of Analog Devices ARM Cortex Microcontroller devices with embedded Bluetooth.
- Strong hardware development skills in PCB, Schematic design, Layout, Test and Debug.
- Good working knowledge of Bluetooth interfaces with smartphone / computer applications.
- Motivated and creative person, dynamic, creative thinker and problem solver.
- Good leadership skills, team player, excellent verbal and written communication skills.

Salary range: €37,750 – €47,255 per annum, Postdoctoral / Research Associate level
€52,716 – to max €65,000 per annum, Research fellow/Senior Research Fellow
Salary paid pro-rata for this shorter contract.

Start date: Position is available from 31st March 2018.

Continuing Professional Development/Training:

Researchers at NUI Galway are encouraged to avail of a range of training and development opportunities designed to support their personal career development plans.

Further information on research and working at NUI Galway is available on [Research at NUI Galway](#)

For information on moving to Ireland please see www.euraxess.ie

Further information about research is available at <http://www.bioinnovate.ie>

To Apply:

Expressions of interest to include a covering letter, CV, and the contact details of three referees should be sent, via e-mail (in word or PDF only) to FERGAL.F.WARD@nuigalway.ie
Please put reference number **NUIG 027-18** in subject line of e-mail application.

Closing date for receipt of applications is 5.00 pm on Friday 2nd March, 2018.

All positions are recruited in line with Open, Transparent, Merit (OTM) and Competency based recruitment

National University of Ireland, Galway is an equal opportunities employer.

