JOB DESCRIPTION

Job Title: Research Fellow - Medical Device R&D, Mechanical & Biomechanical Engineering

Reporting to: Dr Patrick Delassus. Academic Director

Location: MET Technology Gateway, Galway-Mayo Institute of Technology (GMIT), Galway

Duration: Two year fixed-term contract

Funding Agency: Enterprise Ireland

Project Title: Innovation Partnership IP-2017-0525 Boston Scientific

GMIT’s Medical Engineering Technology Gateway integrates a multidisciplinary team of researchers collaborating to provide clinically inspired solutions to clinicians and the MedTech Sector. GMIT’s MET Gateway delivers unique research, design and development to advance pre-clinically relevant in vitro simulators that replicate various parts of the human anatomy. In partnership with Boston Scientific, GMIT’s MET Gateway is seeking to recruit a highly motivated and talented Research Fellow to develop a clinically relevant human in-vitro simulation system.

Applications are invited from suitably qualified candidates with significant post-doctoral and/or industrial research experience for a two year full-time fixed term position as a Post-Doctoral Researcher to work in the MET Technology Gateway at Galway-Mayo Institute of Technology, Galway campus.

Minimum Requirements:

- PhD in Mechanical or Biomedical Engineering or equivalent* research experience (including industrial R& D).
  *EU defines PhD equivalent as 4 years fulltime research after primary degree.*
- Experience in designing and fabricating complex controlled simulation systems.
- Experience in Soft Robotics.

Desirable Requirements:

- Publication track-record and strong technical report writing and presentation skills.
- Experience in using Labview software.
- Knowledge of CT imagery and/or Mimics software.
- An influential team member and fully motivated.
- Good communication skills as well as ability to work in a team culture.
- Good initiative, flexibility and good organisational skills.
- Technical troubleshooting skills.
Key Responsibilities:

- Assist the Centre Director and Principal Investigators (PIs) to generate device and equipment ideas and concepts in collaboration with industry partner and clinicians.
- Assist in planning and implementing the work activities of the MET research programme.
- Work closely with PIs to deliver Boston Scientific specific project on agreed timescales.
- Author funding proposals aligned with MET strategy for submission to various state agencies, research funding bodies and industry.
- Work and interact on a day to day basis with other team members as required.
- Share responsibility for ensuring adherence to research programme timelines.
- Perform research and technical tasks as assigned.
- Ensure implementation and adherence to research requirements for documentation of the project activities, milestones, etc.
- Develop relationships with MET Gateway PIs, academic collaborators, clinicians and industry partner representatives.
- Maintain laboratory notebooks, research records and generate technical reports and data as required by the management team.
- Ensure that project work is performed in line with Health and Safety and other relevant Institute policies.
- Assist the Academic Director in written and oral report preparation.
- Maintain confidentiality of all background IP, foreground IP, and research results emerging from the project.
- Assist in the identification of and patent protection of intellectual property generated in the work-programme.
- Provide training to other team members as required.
- Prepare and deliver project progress presentations.

Salary:
Appointment will be on the IUA Research Fellow (Level 3) scale: €51,716.00 in year 1, €53,245.00 in year 2.

Further information on the position may be obtained from Dr Patrick Delassus, Academic Director (patrick.delassus@gmit.ie).

Interested applicants should submit a detailed Curriculum Vitae including a personal statement as to how you meet the requirements of the post described to hr@gmit.ie

The Human Resources Department
Galway-Mayo Institute of Technology
Dublin Road
Galway
Ireland.
Telephone No. + 353 91 742766/742767

Latest date for receipt of completed application is: 12 noon on Friday, 14th July 2017.

Please note:
Applications received after the closing date will not be accepted.
Candidates must hold a valid work permit to work in Ireland.
Garda Vetting will apply.

The Galway-Mayo Institute of Technology is an equal opportunities employer and welcomes applications from people with a disability.

Cuirfear fáilte roimh chomhfhreagrais tí Ghaeilge.