

Lecturer / Senior Lecturer in Medical Robotics / Mechatronics / Imaging, University of York, United Kingdom.

Department Electronic Engineering

Based at University of York - Heslington Campus

Hours of work Full-time

Contract status Open

Salary 40,322 - 49,553 a year for Lecturer or 51,034 - 59,135 a year for Senior Lecturer

Interview Date 30/03/2020

Posted Date 17/01/2020

Apply by 17/02/2020

Job Reference 8365

Role Description

Department

The Department of Electronic Engineering at the University of York has an international reputation for excellence in research and teaching. In line with the Department's long-term plans for expansion we seek to appoint a Lecturer or Senior Lecturer in Medical Robotics/Mechatronics/Imaging. The successful candidate will build upon and expand existing strengths in the areas of Medical Robotics and Medical Mechatronics, contributing to the research, teaching and administration of these disciplines within the Department. The post is available immediately.

Role

It is expected that the post holder will have evidence of a growing international research record (Lecturer) or a proven international research record (Senior Lecturer) in Medical Robotics, their expertise making a contribution to expanding research and developing impact across one or more of the following areas: medical robotics for computer-aided surgery, image-guided therapy, patent monitoring, or intelligent technologies for minimally invasive diagnosis and surgery including medical imaging, medical instrumentation and computer-aided diagnosis.

Lecturer

The main role duties are:

- Individually and collaboratively develop research projects and proposals, contributing to the production of research outputs, outcomes and impact;
- Supervise the work of others, in research teams, projects and as an MSc, PhD and postdoctoral supervisor
- Design teaching materials and deliver across a range of modules and within subject area;
- Undertake, effectively, a range of administrative and managerial responsibilities.

Senior Lecturer

The main role duties additionally are:

- Publish high impact research in quality journals;
- Generate external research funding;
- Lead on the design, development and delivery of teaching across a wide range of modules and take responsibility for overseeing, developing and promoting innovative teaching and learning approaches and material;
- Support, supervise, train and direct students and other staff to maximise the research activity and outputs in the Department

Skills, Experience & Qualification needed

Key requirements for the **Lecturer** post are:

- A PhD in Medical Robotics, Medical Mechatronics, Medical Imaging or equivalent experience;
- Knowledge in Mechanical or Mechatronics Engineering;
- Proven ability to contribute to high quality research which is publicly evidenced and evidence of dissemination of research findings;
- Appropriate academic professional and teaching qualifications or a willingness to complete the Postgraduate Certificate in Academic Practice.

With those applying for the **Senior Lecturer** post needing also:

- Outstanding qualities and achievements in scholarship and research at a national and international level;
- Proven track record in research with publications in leading peer-reviewed journals;
- Extensive track record of teaching and learning in HE at undergraduate and postgraduate level;
- Well-established national reputation in Medical Robotics.

This is a full-time position (37 hours per week) and the salary will be within the range of

Lecturer: £40,322 - £49,553 per annum

Senior Lecturer: £51,034 - £59,135 per annum

Interview date: 30 March 2020

For informal enquiries: For an informal discussion regarding this post, please contact the Head of Department, Prof Andy Tyrrell (andy.tyrrell@york.ac.uk), or Dr Jude Brereton (jude.brereton@york.ac.uk) if you would like to learn about working in the Department of Electronic Engineering at York.