

## **Senior Surgical Fellow**

We are excited to be advertising for a new post; that of Senior Surgical Fellow at Griffin Institute (Northwick Park Institute for Medical Research; NPIMR). The Griffin Institute has recently undergone a change management programme which will enable us to implement an exciting new business plan as we continue to work towards our vision of transforming and restoring patient quality of life.

This is a great opportunity for a surgical trainee wanting to undertake a PhD in surgery or a post PhD Fellow wanting to undertake a year or two in teaching and research

### **Who we are**

Founded in 1994, NPIMR is today one of the UK's leading charity-based independent Medical Research Institutes working to translate ground-breaking pre-clinical Medical Research rapidly into patient care. By maintaining our own top-rate research facilities and providing excellence in surgical training, we ensure the highest standard of science for translation into the clinic. We have recently undertaken a significant refurbishment, thanks to the generosity of our major benefactor John Griffin and we are now undertaking a change management programme to ensure that we are fit for purpose and commercially viable for the next 5 years. We hope the planned changes will allow us to continue the transformation into a leading institute for surgical training, as well as expanding our clinical research.

As part of the above we have rebranded the charity into the John Griffin Institute at Northwick Park (Centre of Excellence in Biomedicine and Training). This is an exciting opportunity to relaunch, attract new partners and reconnect to existing stakeholders.

In 2019, the board recruited two new, senior positions in surgical training and research; Professor Nader Francis and Professor Jia Hua.

All of our activities take place within our refurbished facilities at Northwick Park. However, some of the refurbishment is remaining and we aim to fundraise £2m to complete the rebuild with a state-of-the-art training centre with two new theatres.

### **Our Vision**

To transform and restore patient quality of life/health

### **Our Mission**

We aim to achieve our vision by creating innovative clinical solutions underpinned by compelling science and training the next generation of medical professionals with novel and translational treatments. We will deliver our mission by:

Delivering the following research using a tissue engineering and regenerative medicine approach: -

- Developing a novel wound healing portfolio.
- Creating functional tissues/organs to address: - liver disease and transplantation shortage.
- Improve quality of life for sufferers of gut disorders.

Creating a research hub and centre of excellence which delivers:

- A pre-clinical facility and scientific surgical expertise.
- Customised in vitro analysis to compliment pre-clinical live experimentation.
- Creative collaborations between Academics, NHS Trusts, SME's and commercial partners.

## **Job description & Person Specification**

### **Overall purpose of Role**

- Support devising, developing and delivering surgical skills curricula for undergraduate and post graduate students across all medical and surgical professions. The post holder will also be responsible for supporting course and curriculum evaluation as well as liaising and supporting clients who run courses.
- Contribute to educational and research to develop assessment tools to assess the impact of teaching in collaboration with Professor Dan Stoyanov at Centre for Interventional and Surgical Sciences (WEISS).

### **Dimensions**

Training is currently budgeted at £400,000 per year income and aims to grow to £1m over 3 years. Part of this is via more courses including robotics and partly through the setup of other areas of training beyond pre-clinical including human cadavers. Areas currently covered include training in the following areas of surgery: -

- Robotic surgery across all specialities
- Endovascular surgery
- Microsurgery
- Percutaneous Tracheostomy
- Endoscopy including Endoscopic Submucosal Dissection
- Laparoscopy (basic and advanced skills)
- ENT laser surgery
- Maxillofacial surgery

NPIMR employs c30 staff including theatre staff, surgeons and study directors. This is the key training design and delivery post.

## **Main Duties and Responsibilities**

### **Teaching and Education**

- Curriculums and course design
- Teaching and training delivery using appropriate methodologies and style as appropriate
- Evaluate courses and their impact
- Work with course commissioners/clients to ensure course design meets training needs
- Support the costing of courses
- Ensuring training appropriately licensed

### **Quality Assurance and Educational research**

- Support the development of a database for existing and future courses
- Scheduling surgical research meetings to discuss course evaluations and improvement
- Manage and liaise with key stakeholder to coordinate education research
- Ensuring compliance of procedures to the relevant Projects and Personal Office Licences and HTA.
- Supporting SOP development
- Prepare, edit and support the submission of abstracts and manuscripts for presentations and publications

### **Essential skills**

- Designing, implementing and delivering training curriculum
- Robotic/ laparoscopic teaching/training experience
- Ability to enthuse trainees
- Management skills
- Excellent verbal and written communication skills and good technologic skills
- Experience of human cadaveric training is helpful but not essential

This is a great opportunity to join an entrepreneurial, innovative organisation which provides a range and breadth of activities rarely found in one post. It provides the chance to make an impact and put your own stamp on the development of Education in this exciting organisation, at the same time working closely with WEISS with the advantage of collaboration and knowledge acquisition.

## **Terms and Conditions**

The salary will be in line with experience – c£42,500/ Closing date: 17<sup>th</sup> July 2020

The successful applicant may be recruited directly by the Institute or seconded from the NHS or an academic institution.

For an expression of interest and further discussions with Professor Nader Francis please send a covering note and your CV directly to [s.maragh@griffininstitute.org.uk](mailto:s.maragh@griffininstitute.org.uk) for more information.