Medical Education Fellow in Simulation (Surgical Skills)

Grade Commensurate with appropriate NHS scale

1FTE

**For enquiries please contact:**

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**Co-Director**

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Surgical Skills Centre

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Ninewells Hospital and Medical School

Dundee, DD1 9SY

**Job Title:** Simulation Fellow in Medical Education (Surgical Skills)

1 FTE

**Salary Scale:** Appropriate to grade

**Reporting to:** Co-Directors of DIHS

**Accountable to:** Associate Dean for Learning & Teaching

**Location:** The post holder will be based within the Surgical Skills Centre, Ninewells Hospital

## Background

**Dundee Surgical Skills Centre**

The SSC, established by Sir Alfred Cuschieri in 1992, has an international reputation for the delivery of high-quality surgical simulation-based education. The Centre offers a wide range of simulation-based training for undergraduate and postgraduate students and has been involved in the design and implementation of postgraduate masters and continuing professional development, including tailor-made programmes commissioned by NHS Education for Scotland (NES). Training involves various models, including the simulators, animal tissue models and the use of cadavers preserved using the Thiel technique. This is a sophisticated method of preservation of complete human cadavers, which provides an excellent model for procedural skills training that is unique in the UK. Recognising the increased use of robotic surgery across various surgical specialities, we are in the final process of securing funding to allow us to lease a Da Vinci training console. This will allow us to provide a portfolio of robotic training courses. In recognition of the high quality of training provided, the centre is accredited by the Royal College of Surgeons (Edinburgh).

The Centre has undergone an extensive quarter of a million-pound refurbishment to double its training capacity and create the best possible visitor experience.The facilities which now include three wet/anatomy labs equipped with the latest equipment and technology. All rooms have large flat screens to which live surgery can be streamed from operating theatres both within and out with Ninewells Hospital. Some of our training is done jointly with Clinical Skills Centre, as part of Dundee Institute of Healthcare Simulation (DIHS), which include access to an immersive simulation room and ward simulation. This allows training of non-technical skills and faculty development.

We are delighted to be able to expand our team and offer the opportunity for a new Simulation Fellow for Surgical Skills.

## Principal Duties

The Surgical Skills Centre seeks to appoint a Fellow in clinical skills and simulation. The appointee would be expected to work in the centre to develop and deliver simulation-based education for undergraduate medical students and postgraduate programmes in surgical training.

The aim of this post is to provide a trainee, with an interest in education, the opportunity to develop as a medical educator within the exciting field of surgical simulation. We envisage this to be a twelve-month post aimed at those who wish to build on their personal teaching experience to develop expertise in educational theory and practice and undertake supervised educational research. The successful applicant will be provided with the opportunity to complete a funded PGCert in Medical Education.

The successful applicant will be expected to:

* Develop knowledge in the principles of design and development of education intervention
* Demonstrate planning and facilitation of simulation education within the surgical skills centre
* Describe the educational theory and research behind the different teaching strategies and techniques Educational Learning Opportunities
* Demonstrate planning and facilitation of surgical simulation teaching, with an emphasis on technical skills
* Develop and update teaching resources to support our current training portfolio, with a focus on our basic surgical training provided to undergraduate medical students.
* Support the development of new innovations in surgical education e.g., development of interactive online resources, utilising the immersive simulation room and introducing gamification.
* Complete a funded PGCert in Medical Education

## **Summary – Person Specification**

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|  | **Essential** | **Desirable** |
| **Qualifications & Education** | Full registration with the GMC. | Evidence of a commitment to ongoing personal development in medical education. |
| **Experience** | Experience of teaching and assessment in medical education.  Ability to support students/ trainees in their learning experience.  Sufficient surgical experience for the needs of the post. | Experience of teaching clinical and communication skills in a medical curriculum.  Experience of teaching and assessment in simulation-based medical education. |
| **Skills** | Excellent communication skills (verbal & written) |  |
| **Knowledge** | Possessing sufficient breadth or depth of specialist knowledge in a surgical discipline to assist with curriculum development. | A good understanding of simulation-based education and the underpinning evidence. |
| **Personal Qualities** | A positive, enthusiastic demeanour.  Self-motivation towards completing tasks after reasonable advice/direction.  Ability to plan and manage workload in order to meet deadlines.  Ability to work effectively with others. |  |