

## 1 Advertisement

**Post Title: Teaching Fellow Surgical Education and Extended Reality**

**School/department:** BSMS

**Hours:** Full or part time considered up to a maximum of 1 FTE. Requests for flexible working options will be considered (subject to business need).

**Contract:** fixed term for 2 years if 0.5FTE or 1 year if 1FTE

**Reference:** 8591

**Salary:** starting at £43,414 to £51,805 per annum, pro rata if part time

**Placed on:** 12 September 2022

**Closing date:** 10 October 2022. Applications must be received by midnight of the closing date.

**Expected Interview date:** TBC

**Expected start date:** TBC

- Brighton and Sussex Medical School is developing its undergraduate and postgraduate surgical and medical educational resources with Health Education England utilising extended reality (virtual reality, augmented reality and the metaverse).
- This part time fellowship is to provide support to develop the extended reality programme including curating the virtual reality in medicine and surgery (VRiMS) resource, assisting the scientific validation of true virtual reality resources and the development of the metaverse school of medicine and dentistry as well as assisting in further related grant applications
- The fellow will also support the delivery of related undergraduate and postgraduate surgical and medical training programmes.

Please contact Prof Jag Dhanda at [j.dhanda2@bsms.ac.uk](mailto:j.dhanda2@bsms.ac.uk) for informal enquiries.

The University is committed to equality and valuing diversity, and applications are particularly welcomed from women and black and minority ethnic candidates, who are under-represented in academic posts in Science, Technology, Engineering, Medicine and Mathematics (STEMM) at Sussex.

For full details and how to apply see our [vacancies page](#)  
[www.brighton.ac.uk/jobs](http://www.brighton.ac.uk/jobs) [www.bsms.ac.uk](http://www.bsms.ac.uk)

*The University of Sussex values the diversity of its staff and students and we welcome applicants from all backgrounds.*

## 2. The School / Division

Please find further information regarding the school/division at <https://www.bsms.ac.uk/index.aspx>

### **3. Job Description**

Job Description for the post of: Teaching Fellow Surgical Education and Extended Reality

**Department: Postgraduate Medical Education**

**Section/Unit/School: BSMS**

**Location: Falmer Campus**

**Grade: 8**

**Responsible to:** Prof Jag Dhanda

**Responsible for:** NA

#### **PRINCIPAL ACCOUNTABILITIES**

1. To deliver and contribute to the design of high-quality teaching programmes to attract students and trainees.
2. To contribute fully to the School and University by participating in meetings, working groups, committees and other School and University activities.

#### **KEY RESPONSIBILITIES**

##### **1. Teaching & Student Support**

- 1.1 Contribute to the planning, delivery and assessment of high-quality undergraduate and postgraduate teaching, in liaison with the relevant programme and course convenors.
- 1.2 Contribute to the development, design and management of courses and new curriculum proposals that are attractive to students/trainees.
- 1.3 Ensure that teaching content, methods of delivery and learning materials will meet the defined learning objectives, including the use of appropriate technology.
- 1.4 Set, mark, and assess coursework and examinations; select appropriate assessment instruments and assessment criteria; and provide constructive and comprehensive feedback.
- 1.5 Ensure that teaching materials remain up-to-date and relevant, incorporating advances in the subject area into the course of study. To write up and disseminate advances in educational technology used in teaching.

- 1.6 Develop and maintain an understanding of appropriate pedagogy in the subject area and respond to challenges.
- 1.7 Supervise the work of undergraduate and taught postgraduate students, providing them with advice on study skills, projects, and fieldwork
- 1.8 Undertake and complete administrative duties required in the professional delivery of teaching.
- 1.9 Make a significant contribution to the accreditation of courses and quality-control processes.
- 1.10 Undertake academic advising duties, and provide first-line support for sensitive issues, referring on as appropriate to services providing further assistance.
- 1.11 Adopt an approachable and accessible attitude towards students, offering office hours, informal advice etc.
- 1.12 Transfer knowledge in the form of practical skills, methods and techniques.
- 1.13 Supervise the work of students, provide advice on study skills and help them with learning problems.

## **2. Scholarship & Enterprise**

- 2.1 Individually or with colleagues, explore opportunities for enterprise activity, third stream income and/or consultancy.
- 2.2 Build internal contacts and participate in internal networks and relevant external networks in order to form relationships and collaborations.
- 2.3 Continually update knowledge and understanding in field or specialism, and engage in continuous professional development.
- 2.4 Translate knowledge of advances in the subject area into the course of study
- 2.5 Undertake scholarship to inform education to ensure excellent learning experience for students

## **3. Contribution to School & University**

- 3.1 Attend and contribute to School meetings.
- 3.2 Engage in activities beyond day-to-day teaching duties, for example Admissions Days.
- 3.3 Assist with undergraduate and postgraduate recruitment.
- 3.4 Participate in School or University working groups or committees, as required.

3.5 Undertake additional administrative duties, as required by the Head of School.

#### **4. Role-specific duties**

4.1 Provide support to develop the extended reality programme including curating the virtual reality in medicine and surgery (VRiMS) resource.

4.2 Assisting the scientific validation of true virtual reality resources, through engagement in pedagogical research.

4.3 Assist with the development of the metaverse school of medicine and dentistry

4.4 Assisting in further related grant applications

This Job Description sets out current duties of the post that may vary from time to time without changing the general character of the post or level of responsibility entailed.

#### **INDICATIVE PERFORMANCE CRITERIA**

1. High quality teaching performance across a range of teaching activities, at different levels (year 1 undergraduate to postgraduate) appropriate to the discipline; as evidenced by surveys, questionnaires and peer review.
2. Evidence of skill in assessment and feedback techniques, and using a range of methods for evaluating the effectiveness of teaching.
3. Demonstrable contribution to the planning and development of courses.
4. Delivering a teaching load in line with School expectations.
5. Evidence of applying knowledge arising from scholarship to enhance teaching practice.
6. Evidence of active engagement in advising students and proactively responding to problems experience by students.
7. Completion, within a reasonable period of time, of a recognised higher education teaching qualification.
8. Efficient and effective contribution to academic support duties within the School or the University.
9. Initiating, developing or participating in links between the University and external bodies such as business and industry, the professions, community organisations and policy-makers.
10. Evidence of successful engagement in PhD supervision as appropriate to the discipline.

11. Efficient and effective contribution to academic support duties within the School or the University.

#### **4. Person Specification**

##### **ESSENTIAL CRITERIA**

1. Normally educated to doctoral level, or other equivalent qualification, or appropriate level of experience, as appropriate to the discipline (see role-specific criteria below).
2. Excellent interpersonal skills, with the ability to engage with students using a variety of teaching methods.
3. Experience of teaching at undergraduate level.
4. Excellent presentation skills, with the ability to communicate effectively, both orally and in writing, with students, colleagues and external audiences.
5. Ability to work individually on own initiative and without close supervision, and as part of a team.
6. Ability to exercise a degree of innovation and creative problem-solving.
7. Excellent organisational and administrative skills.
8. Ability to prioritise and meet deadlines.
9. A willingness to participate in student support activities beyond required teaching duties.
10. Excellent IT skills, with the ability to produce high-quality, inclusive learning materials.

##### **ESSENTIAL ROLE-SPECIFIC CRITERIA**

1. A basic understanding of extended reality techniques

##### **DESIRABLE CRITERIA**

1. A recognised higher education teaching qualification.
2. Surgical Experience in a clinical setting.
3. Experience of teaching at postgraduate level.
4. Membership of professional body, if appropriate
5. Emerging record of developing an education portfolio with some focus on scholarship