

## Senior Research Assistant in Systematic Review - School of Medicine & Dentistry - Grade F

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### Job Description

#### **Purpose**

To support the teaching of Year 5 medical students through completion of research and knowledge transfer activities on a special study components (SSC) and evidence-based medicine placement. The main activities will strengthen and support systematic review and evidence synthesis, in clinical and educational contexts, in teams with medical students, whilst developing their own research skills and experience.

#### **Duties**

1. To contribute to all aspects of systematic review and guideline production research in the BEST research team and within the MBBS year 5 SSC research programme.
2. To undertake the selection, extraction and management of data relevant to designated review projects for example, literature searching and review, qualitative and quantitative data collection, setting up data files, input/cleaning and analysis as per research protocols.
3. To contribute to the collation of findings and the preparation of full papers to disseminate research findings including refereed journal articles and conference papers.
4. To provide administrative support and facilitate project-planning and operational update meetings as required.
5. To provide the day-to-day management of research project resources and/or facilities.
6. To contribute to the development of new projects including providing support for established researchers in the preparation of bids.
7. Adhere to appropriate ethical, and research governance, standards for research and protect confidentiality throughout this work.
8. To assist academic staff in the classroom and virtually within the Special study component programme by demonstrating aspects of research to students
9. To undertake any other additional research related activities as requested by the nominated line manager or the Dean of School.
10. With regards to the nature of your role and its impact upon our students, make an active contribution to and support the improvement of the student experience.

### Person Specification

#### **Knowledge, Skills, and Behaviours (Essential)**

- Experience of systematic review and synthesis works (Application/Interview).
- Specific Cochrane experience (Application/Interview).
- Experience of undertaking qualitative and/or quantitative synthesis methodologies (Application/Interview).

- To have produced written systematic review reports (Application/Interview).
- Good honours degree (2:1 or above) or equivalent (Application).
- Master's degree or higher post-graduate qualification in related area (Application).
- Understanding of ethical research governance, data protection issues and implications for research (Application/Interview).
- IT literate (Microsoft Word, Excel, Statistical software) (Application/Interview).
- Competence in one relevant piece of software (e.g., COVIDENCE, RAYAN, R, REVMAN) (Application/Interview).
- Excellent oral and written communication skills and excellent interpersonal skills (Application/Interview).
- Self-motivated with the ability to motivate others (Application/Interview).
- Excellent organisational skills with the ability to work in a team (Application/Interview).
- Interest in research in the area of systematic review and synthesis (Application/Interview).
- An understanding of and demonstrable commitment to the University's Values of Achieving Together, Being Proud, Creating Opportunity and Supporting All, as a framework for decisions, actions and behaviours (Application/Interview).

### **Knowledge, Skills, and Behaviours (Desirable)**

- Existing networks nationally and/or international within the field of systematic review and evidence synthesis (Application/Interview).
- Experience of quantitative and qualitative data collection and analysis (Application/Interview).
- To be able to perform meta-analysis and risk of bias judgements (Application/Interview).
- Formal training in or study of those skills as part of a degree course (Application/Interview).
- Professional qualification (Application).
- Ability to contribute to the enhancement of the research culture within the School (Application/Interview).
- Ability to explain basic statistical concepts, methods and results to academics (Application/Interview).