

1 Advertisement

Post title: Research Fellow in Health Economics

School/department: Brighton and Sussex Medical School (BSMS)

Hours: full time or part time hours considered up to a maximum of 1.0 FTE. Requests for flexible working options will be considered (subject to business need).

Contract: Fixed term funding for 12 months (1.0 FTE) ending 30 Nov 2022 (if part time)

Reference: 4486

Salary: starting at £33,797 and rising to £40,322 per annum (pro rata if applicable)

Closing date: 27 October 2020

Expected start date: as soon as possible

The GHI Department at BSMS is looking for a motivated Post-Doctoral Research Fellow in Health Economics to provide high quality expertise into the evaluation of independent prescribing by therapeutic radiographers and supplementary prescribing by dietitians (TRaDiP project), led by University of Surrey (<https://www.surrey.ac.uk/tradip>). The project will involve a model-based assessment of the cost-effectiveness of implementing the independent and supplementary prescribing.

The successful applicant will also have opportunities to provide support across the Department's multidisciplinary research portfolio whilst developing their own research interests. Key research areas include neglected tropical diseases, tuberculosis, HIV, antimicrobial resistance, health care associated infections, health risk behaviours, and community interventions. Cross-cutting themes such as ethics and mental health ensure we have strong collaborations with colleagues in other departments, disciplines working in both the UK and with international partners.

The Department hosts a vibrant Global Health MSc programme, and this post offers opportunities to teach and supervise student projects in their area of expertise. The Department is based on the University of Sussex campus in Falmer, surrounded by the South Downs National Park.

The successful candidate will have:

- A higher research degree (or equivalent experience) in health economics or other relevant subject
- A growing reputation in health economics research - previous experience in economic evaluation of healthcare interventions and health economics modelling would be highly desirable
- The ability to work effectively in a multidisciplinary team
- Excellent organisational and communication skills.

For more information about our department and its research projects see:

<https://www.bsms.ac.uk/research/global-health-and-infection/index.aspx>

For any further information and informal inquiry please contact: Dr Natalia Ivashikina (n.ivashikina@bsms.ac.uk) or Dr Nicola Carey (n.carey@surrey.ac.uk)

For full details and how to apply see our [vacancies page](#)

www.brighton.ac.uk/jobs www.bsms.ac.uk

The Universities of Brighton and Sussex are 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, mathematics, medicine and engineering at the universities.

2. The School / Division

Brighton and Sussex Medical School and partners

Brighton and Sussex Medical School is an equal partnership between the Universities of Sussex and Brighton together with NHS organisations throughout the South East region. Find out more at: bsms.ac.uk/about

The Global Health and Infection (GHI) Department at BSMS (which is host department to BSMS TRaDiP project investigators) is looking for a UK-based Health Economist to support existing research projects. These include collaboration with University of Surrey on the evaluation of independent prescribing by therapeutic radiographers and supplementary prescribing by dietitians (TRaDiP project). The project will involve a model-based assessment of the cost-effectiveness of implementing the independent and supplementary prescribing. All necessary training will be provided to PDRA to ensure successful delivery of economic evaluation. For more information about the project see: <https://www.surrey.ac.uk/tradip>

Global Health is a cross-cutting theme at BSMS which has been highlighted as a key strength for development in our strategic plan. We work in close partnership with our parent universities (Brighton and Sussex) to develop novel opportunities for teaching and research, a good example of which is the MSc in Global Health. Important Global Health issues permeate the undergraduate curriculum and students get plenty of opportunity to develop their interest through student selected components, individual research projects and the clinical elective.

BSMS has a vibrant Global Health research programme with academic links around the world. Taking a multidisciplinary approach, we work on important health problems including neglected tropical diseases, tuberculosis and non-communicable diseases in low-income settings. The department of Global Health and Infection hosts a Wellcome Trust Centre for Global Health Research and an NIHR Global Health Research Unit, allowing us to expand our research profile and in turn our contribution towards improving the health of disadvantaged groups around the world, working particularly in partnership with colleagues in sub-Saharan African countries. Global Health research activities extend across the School into wide-ranging disciplines including Biomedical Ethics, Psychiatry and Public Health. Opportunities to collaborate with colleagues from other Schools at both Brighton and Sussex Universities and at the Institute of Development Studies (IDS) are facilitated through a Global Health Network that meets regularly. We also work in partnership with community organisations and non-governmental organisations working in global health, many of which are based locally.

The University of Sussex is a leading research-intensive university near Brighton, currently ranked top 20 in all major league tables. Find out more: <http://www.sussex.ac.uk/about/>

The University of Brighton is a complex and diverse institution with a long and distinguished history of applied research. Find out more: brighton.ac.uk/about-us/

Brighton and Sussex University Hospitals Trust is the regional teaching hospital working across two sites: the Royal Sussex County Hospital in Brighton and the Princess Royal Hospital in Haywards Heath. Find out more: bsuh.nhs.uk/about-us/

Sussex Partnership NHS Foundation Trust specialises in working with people who are experiencing mental health difficulties and those with learning disabilities, across Sussex, Kent and Hampshire. Find out more: sussexpartnership.nhs.uk/about-us

3. Job Description

Job Title:	Research Fellow in Health Economics
Grade:	Research Fellow I, Grade 7
School:	Brighton and Sussex Medical School
Location:	University of Sussex campus
Responsible to:	Principal Investigator through to Head of School
Direct reports:	n/a
Key contacts:	Members of research group, members of faculty within the Department, School and University, external collaborators.
Role description:	Research Fellow I is an early career-grade research position. Post-holders will be expected to contribute to the work of the research team, also to develop their research skills with support from more experienced members of staff.

PRINCIPAL ACCOUNTABILITIES

1. To engage in individual and/or collaborative research activity resulting in high quality publications.
2. To develop research funding and knowledge exchange income individually or in collaboration with others, as appropriate, depending on the size and scope of the bid.
3. To contribute to School teaching activities.

KEY RESPONSIBILITIES

1. Role-specific duties

- 1.1 In close collaboration with the TRaDiP project investigators, co-ordinate delivery of health economics analysis for the TRaDiP project. This include planning economic evaluation, conducting systematic literature review, supervising data collection, conducting data analyses including economic modelling, contributing to research publications and project reports.
- 1.2 Provide technical and conceptual support to PhD students working on the projects.
- 1.3 Contribute to supervising MSc projects as a part of a postgraduate supervision team.
- 1.4 Contribute more broadly to developing health economics capacity in the GHI department and partner organisations.

2. Research, Scholarship & Enterprise

- 2.1 Develop research objectives and proposals for own or joint research, at acceptable levels, with assistance if required.
- 2.2 Conduct research projects individually and in collaboration with others.
- 2.3 Analyse and interpret research findings and draw conclusions from the outcomes.

- 2.4 Produce high-quality research outputs for publication in monographs or recognised high-quality journals, and contribute to the School's Research Excellence Framework submission at acceptable levels of volume and academic excellence.
- 2.5 Contribute to the preparation of proposals and applications to external bodies, for example, for funding purposes.
- 2.6 Individually or with colleagues, explore opportunities for enterprise activity, knowledge exchange income and/or consultancy, where permissible.
- 2.7 Build internal contacts and participate in internal networks and relevant external networks in order to form relationships and collaborations.
- 2.8 Continually update knowledge and understanding in field or specialism, and engage in continuous professional development.

3. Teaching & Student Support

- 3.1 Undertake teaching duties, if required.
- 3.2 Assist in the assessment of student knowledge and supervision of student projects, if required.
- 3.3 Assist in the development of student research skills, for example, supervising individual research projects at BSMS.

4. Contribution to School & University

- 4.1 Attend and contribute to relevant School and project meetings.
- 4.2 Undertake additional duties, as required by the Principal Investigator and/or Head of School.

PERSON SPECIFICATION

1. Essential Criteria

- 1.1 Undergraduate degree or equivalent in relevant subject or equivalent experience;
- 1.2 Higher research degree or equivalent experience in health economics or another directly relevant subject;
- 1.3 Experience in applied health economics research;
- 1.2 Designing economic instruments for primary data collection;
- 1.3 Advanced data analysis;
- 1.4 Economic/decision modelling;
- 1.5 Writing health economics protocols and analysis plans;
- 1.6 Communicating health economics advice and analyses to non-specialists;
- 1.7 Excellent presentation skills, with the ability to communicate effectively, both orally and in writing, with students, colleagues and external audiences;

- 1.8 Ability to work individually on own initiative and without close supervision, and as part of a team;
- 1.9 Excellent organisational and administrative skills;
- 1.10 Ability to prioritise and meet deadlines;
- 1.11 Excellent IT skills.

2. Desirable Criteria

- 2.1 Managing and handling individual-level patient data;
- 2.2 Managing and analysing population-level health care databases;
- 2.3 Writing health economics reports and peer reviewed papers;
- 2.4 Writing and contributing to research grant applications.

Skills and abilities	Essential	Desirable
Ability to work in a multidisciplinary environment	X	
Ability to work as part of an international team	X	
Ability to understand and interpret clinical guidelines	X	
Ability to understand clinical pathways and treatments	X	
Excellent analytical skills	X	
Excellent technical writing skills	X	
Ability to maintain accurate and up-to-date records	X	
Ability to present health economics data on meetings and conferences	X	

Knowledge	Essential	Desirable
Methods of health economics evaluation	X	
Methods of data collection and questionnaire design	X	
Methods of conducting systematic literature reviews		X
Statistical data analyses using SPSS and STATA	X	
Methods of handling missing data		X
Methods of decision analytical modelling using Microsoft Excel	X	
Knowledge of health care organisation and delivery	X	
Knowledge of clinical trials methodology		X

Personal Attributes	Essential	Desirable
Responsible and dependable	X	
Collaborative style of working	X	
Willingness to work flexibly to achieve project demands	X	
Willingness to learn new skills	X	
Willingness to undertake occasional work-related travel	X	