



UNIVERSITY
of York

Research Fellow in Health Economics

Department: Centre for Reviews and Dissemination

Hours of work: Full time | 37 hours per week
Part-time applications considered (minimum of 0.8 FTE)

Contract type: Open

Salary: Grade 7 | £46,970 - £57,666 (reduced for pro-rata work)



Introduction

The Centre for Reviews and Dissemination (CRD) at the University of York is recruiting a Research Fellow in Health Economics (Grade 7).

CRD is an academic research department (<https://www.york.ac.uk/crd>) that specialises in and is at the forefront of evidence synthesis and health technology assessment. CRD is a friendly and supportive workplace that is part of a wider health and social care research community within the University of York, and our research projects span a broad range of health and public health areas. The projects we undertake provide best evidence to inform policy and practice decisions and are underpinned by a programme of methodological development and commitment to knowledge exchange.

Applications are welcome from candidates with a relevant MSc and/or PhD (or equivalent experience) and health economic and decision modelling experience. Candidates must have strong quantitative skills, including experience of critiquing, conceptualising, and building health economic decision models in a health technology assessment (HTA) context. They must be able to develop and lead elements of research projects, supervise the work of early career researchers, and work collaboratively as part of a team. They must also be able to engage with external stakeholders, and excellent communication skills are essential to the role.

The successful applicant will work mostly within our Technology Assessment Review (TAR) programme, undertaking research to support National Institute for Health and Care Excellence (NICE) decision making as a member of the York External Assessment Group (EAG), and our NIHR Evidence Synthesis Group (ESG) programme, conducting research which supports a range of UK policy stakeholders. In addition to these programmes, there will also be scope for the successful applicant to develop their own research interests.

We embrace hybrid and flexible working patterns, enabling staff to work partly remotely (within the UK) according to the requirements of the role. We value diversity and are committed to equality of opportunity and fostering an inclusive culture where we can all be ourselves. CRD is also committed to helping to develop researchers' long-term careers, which is reflected in this post having an open contract. CRD holds a Silver Athena Swan award, which recognises the advancement of gender equality.

We welcome applications from all suitably qualified candidates and particularly encourage applications from people who identify as being from the Black African and Caribbean Heritage community, Asian or other background that is underrepresented at the University.

Main purpose of the role

The person appointed will work mainly on the health economic components of HTA projects commissioned under CRD's NIHR TAR and ESG programmes. TAR projects inform NICE decisions about which new drugs and technologies are approved for use in the NHS, and have a direct impact on patient care. ESG projects are undertaken for a range of stakeholders, including NHS England, the National Screening Committee, and the Department of Health and Social Care, and inform national policy decisions and guideline development. They will also have the opportunity to contribute to evidence synthesis, methods development, and HTA projects more broadly across CRD research programmes. The person appointed will also have the opportunity to develop new research ideas and contribute to funding applications.

Key responsibilities

Role holders will be required to undertake some or all of the duties below:

- Make an active contribution to health economics and evidence synthesis research within CRD
- Work as a team member on HTA projects undertaken by CRD including taking a leadership role in the delivery of health economic components. This may involve:
 - Making collaborative decisions about the most appropriate research methods and approaches
 - Critical review of company submissions
 - Building health economic decision models
 - Performing statistical analyses, such as parametric survival modelling, regression analysis, network meta-analyses
 - Liaising with key stakeholders including clinical experts and NICE technical teams
 - Managing the input of early career researcher team members
 - Planning and project management of smaller research projects or identified parts of a large project
- To participate actively in the planning and advancement of research programmes, duties to include: the management of small research projects or identified parts of a large project; the management of other research staff, support staff and research students to ensure that the project is successfully completed and that the researchers working on the project are supported in their personal and professional development; the management of research resources, ensuring that effective use is made of them.
- To write or contribute to publications or disseminate research findings, including public engagement to non-research specialist organisations using other appropriate media.
- Undertake peer review of research publications and actively contribute to the Research Excellence Framework (REF).
- To make presentations at conferences or exhibit work in other appropriate events.
- To develop ideas and necessary collaborations for application of research outcomes.
- To decide on research programmes and methodologies, often in collaboration with colleagues.
- To develop ideas for generating income and promoting the research area, including contributing to the process of securing external funding.
- Extend, transform and apply knowledge acquired from scholarship to research and appropriate external activities.
- To supervise postgraduate research students and mentor colleagues with less experience. Advising on their personal development and supporting them in developing their research techniques.
- To attend departmental meetings as required and undertake appropriate managerial and administrative tasks in connection with the research activity.
- To develop and initiate collaborative working internally and externally, and the fostering of internal and external networks in order to advance research and exploit opportunities for collaboration and funding sources.
- All staff have a statutory responsibility to take reasonable care of themselves, others, and the environment and to prevent harm by their acts or omissions. All staff are therefore required to adhere to the University's Health, Safety & Emergency Procedures.

The above list of duties is not exhaustive and is subject to change. The post holder may be required to undertake other duties within the scope and grading of the post.

Person specification

	Essential / Desirable
Qualifications	
Undergraduate degree in quantitative subject (e.g. applied mathematics, operational research or medical statistics)	Essential
PhD in health economics (or other relevant quantitative subject) or equivalent experience	Essential
Masters-level qualification in health economics or other quantitative subject (e.g. applied mathematics, operational research or medical statistics)	Desirable
Knowledge	
Knowledge in health economics and cost-effectiveness analysis to engage in high quality research	Essential
Knowledge of a range of research techniques and methodologies relevant to HTA and applied economic evaluation	Essential
Has research expertise in an area that will complement and enhance the department's research strategy and goals	Essential
Advanced and specialist IT knowledge	Essential
Good knowledge of clinical trial, systematic review and meta-analysis methods	Essential
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Good knowledge of clinical trial, systematic review and meta-analysis methods	Essential
Skills, abilities and competencies	
Highly developed communication skills to engage effectively with a wide ranging audience, both orally and in writing, using a range of media	Essential
Ability to lead and/or take responsibility for a small research project or identified parts of a large project	Essential

Ability to supervise the work of others, for example in research teams or projects	Essential
Ability to write up research work for publication and onward dissemination	Essential
Ability to persuade and influence project stakeholders	Essential
Ability to develop research objectives, projects and proposals for own and joint research	Essential
Competency to conduct individual and collaborative research projects	Essential
Ability to identify sources of funding and contribute to the process of securing funds, with collaborators if required	Essential
Ability to extend, transform and apply knowledge acquired from scholarship to research and appropriate external activities	Essential
Competency to make presentations at internationally recognised conferences or exhibit work in other appropriate events	Essential
Well developed analytical skills	Essential
Competent using spreadsheets and statistical software packages (e.g. Excel, Stata, R)	Essential
Experience	
Experience of undertaking publicly evidenced high quality research	Essential
Evidenced active participation in the planning and advancement of research projects	Essential
Proven ability to attract and obtain external research funding	Essential
Successful management of research projects including supervision of the work of others and providing expert advice and guidance to teams	Essential
Evidence of dissemination of scholarly work which may include: the presentation of papers at conferences and workshops; participation in public engagement events to disseminate research; the publishing of chapters in textbooks; the publishing of papers; articles or reviews in academic journals or elsewhere; the development of websites	Essential
Economic evaluation including applying economic evaluation methods	Essential
Developing economic models in R or Excel	Essential
Involvement in TAR work from a NICE, industry or External Assessment Group perspective	Desirable
Personal attributes	
Attention to detail and commitment to high quality	Essential
Collaborative ethos	Essential
Commitment to promoting the public understanding of research and scholarship	Essential

Positive attitude to colleagues and students	Essential
Willingness to work proactively with colleagues in other work areas/institutions	Essential
Ability to plan and prioritise own work in order to meet deadlines	Essential
Commitment to personal development and updating of knowledge and skills both for themselves and the personal development of those they supervise	Essential