ROLE PROFILE

Job Title: Health Economist

School/Department: School of Medicine Division of Rehabilitation, Aging and Wellbeing, and the NIHR Research Design Service East Midlands (RDS EM)

Job Family and Level: Research and Teaching Level 4

Contract Status: Fixed-term until 30 September 2023

Hours of Work: Full-time (36.25 hours per week); however applications are also welcome from candidates wishing to work part-time (minimum 29 hours per week) split equally between SoM and RDS EM. Please specify in your application if you wish to work part time and the number of preferred hours

Location: Division of Rehabilitation and Ageing, Medical School and NIHR Research Design Service East Midlands, Queen’s Medical Centre

Reporting to: Professor of Health Economics and Director of the Nottingham base of the NIHR Research Design Service East Midlands (RDS EM)

Purpose of the New Role:
The School of Medicine (SoM) and the NIHR Research Design Service East Midlands (RDS EM) jointly fund this post.

As the successful candidate, you will be a talented health economist with a strong background in the design, conduct, analysis and reporting of randomised trials, health economic models and cohort studies.

One of your key roles will be to provide expert methodological support and advice to researchers who are developing high quality applied health or social care research applications for submission to national peer reviewed funding streams. You will also participate in collaborative research throughout the research pathway including designing, analysing and interpreting the health economic components of studies, and contributing to the writing of papers for publication.

We will expect you to provide advice on a range of research designs, and to support researchers within Nottingham and across the East Midlands region. Your role will also include the assistance with the delivery of short courses, workshops and seminars.

<table>
<thead>
<tr>
<th>Main Responsibilities</th>
<th>% time per year</th>
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<tbody>
<tr>
<td><strong>SoM responsibilities</strong></td>
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<tr>
<td>1. To contribute to the design, analysis and execution of clinical and economic research this will include:</td>
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<tr>
<td>- The design, analysis and execution of clinical and economic randomised controlled trials, including design and collection of resource/cost and outcome data.</td>
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<tr>
<td>- Input into the modelling work of the health economics group. To manage models, to construct, modify and produce outputs from the work undertaken</td>
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2. **To establish a national reputation and regularly disseminate and explain research findings through leading peer-reviewed national publications (on a sustained basis), conferences and other appropriate media.**
   - To contribute to teaching alongside wider contributions to research and other activities.

3. **RDS EM responsibilities**
   - To provide advice to NHS staff and academic researchers developing applications for applied health or social care research for submission to NIHR, Research Councils and the Association of Medical Research Charities. This includes:
     - The health economic components of an application e.g. the most appropriate economic evaluation for the design, suitable health economic outcomes, methods of analysis, etc.
     - The provision of more general advice that will improve the competitiveness of research funding applications.
     - Meeting researchers and providing written feedback.
   - To assist with the design of material for, and to contribute to the delivery of events, workshops and occasional seminars/standalone courses for researchers who are in the process of preparing research applications for funding.
   - To build relationships and collaborations with internal and external contacts within the RDS East Midlands region to improve the quality of bids submitted for funding.
   - To work collaboratively as part of the RDS EM team, assisting other members of the RDS in the delivery of the service.

### Knowledge, Skills, Qualifications & Experience

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<tr>
<th>Qualifications/ Education</th>
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<th>Desirable</th>
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<tbody>
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<td>PhD (or near completion) in health economics, or with a strong component in health economics.</td>
<td>Membership of a professional body where appropriate.</td>
<td>Evidence of continuing professional/ educational development.</td>
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<th>Skills/Training</th>
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<tr>
<td>Skills in applying specialist knowledge in health economic research methods, models, approaches, techniques and critiques.</td>
<td>Evidence of experience of teaching delivery.</td>
<td>Knowledge of NIHR research funding streams.</td>
</tr>
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<td>Ability to rapidly assimilate clinical/applied health research ideas.</td>
<td>A good understanding of health economic outcome methods.</td>
<td>Knowledge of the current NHS and social care landscape.</td>
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<td>Ability to discuss ideas with researchers at very early stages, helping them to refine their research questions and ensure what they do is manageable and of high methodological quality.</td>
<td>Understanding of ethical issues in clinical research.</td>
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<tr>
<td>Ability to build relationships and collaborate with others, internally and externally.</td>
<td>Excellent organisational skills.</td>
<td>Excellent written and oral communication skills, including the ability to communicate effectively with audiences both familiar and unfamiliar with health economic techniques.</td>
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<td>Excellent organisational skills.</td>
<td>Excellent knowledge of specialist software and techniques used to conduct health economic analyses and models.</td>
<td>Excellent knowledge of statistical packages relevant to health economic analysis such as Stata SAS, SPSS.</td>
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Experience

- Evidence of collaborative working in the field of health economics including experience of providing input into the health economic aspects of study design, data management and methods of analysis, in trials and models.
- Evidence of working independently and within multidisciplinary teams.
- Evidence of ability to prioritise and time-manage work activities, and to work to deadlines.
- Evidence of producing work to a high standard with exceptional attention to detail.

Statutory/Legal

- Satisfactory Enhanced disclosure obtained from the Disclosure and Barring Service

Other

- Willingness to travel between sites in the East Midlands region.
- Willingness to adopt the Ethos and Principles of the School of Medicine

A track record of peer reviewed publications appropriate to career stage.

Because of the nature of the work for which you are applying, this post is exempted from the provisions of Section 4 (2) of the Rehabilitation of Offenders Act 1974 by virtue of the Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975.

Candidates are therefore, not entitled to withhold information about convictions, which for other purposes are “spent” under the provisions of the Act, and in the event of employment any failure to disclose such convictions could result in dismissal or disciplinary action by the University. Any information given will be strictly confidential and will be considered only in relation to an application for positions to which the Order applies.

Additional Information

Health Economics within the School of Medicine, University of Nottingham

The SoM has a strong and enthusiastic research base that undertakes world leading research. The SoM has actively sought to incorporate health economics as part of their research strategy. The Health Economics Unit is headed by Professor Marilyn James and is located within the Division of Rehabilitation and Ageing although it links to other health economic researchers within the SoM and the wider university. The Health Economics Team works with researchers across the whole of the SoM and with external world-leading research partners. Along with research partnerships within the SoM, the Division and other clinical directorates, the Health Economics Unit has strong links with the Nottingham Clinical Trials Unit working with this team to provide a coherent research package within the SoM and with the prestigious NIHR Nottingham Biomedical Research Centre.

Current health economic research within the SoM includes:
- Introducing personalised risk based intervals in screening for diabetic retinopathy: development, implementation and assessment of safety, cost effectiveness and patient experience: NIHR Programme grant.
- STStandardised Diagnostic Assessment for children and adolescents with emotional difficulties (STADIA): a multi-centre randomised controlled trial. NIHR HTA
- Multicentre Research Programme to Enhance Return to Work after Trauma (ROWTATE). NIHR Programme Grant

The Dean, Professor Tony Avery, is a great advocate for health economics and has published in the field of clinical and economic evaluation.

More information about the School of Medicine is available via: http://www.nottingham.ac.uk/medicine

The NIHR Research Design Service for the East Midlands
The National Institute for Health Research (NIHR) funds the Research Design Service (RDS) (www.rds.nihr.ac.uk) to provide design and methodological support to health and social care researchers to develop grant applications to the NIHR and other national peer-reviewed funding programmes. RDS East Midlands (www.rds-eastmidlands.nihr.ac.uk) serves a geographical area covering Derbyshire, Leicestershire, Lincolnshire, Northamptonshire, Nottinghamshire, and Rutland.

RDS East Midlands has 30 staff at the Universities of Nottingham and Leicester and maintains strong links with other higher education institutions, NHS and health-related social care organisations within its geographical coverage.

The Nottingham Unit is located within the School of Medicine (www.nottingham.ac.uk/medicine/index.aspx) in the Queen’s Medical Centre close to the University of Nottingham main campus. The Nottingham Unit includes 13 academic, research and administrative staff. The person appointed to this post would have skills and expertise in health economic research methods, models, approaches, techniques and critiques. Other academic staff within the Unit have expertise in medical statistics, clinical trials, qualitative methods, health economics and systematic reviews.

The principal activities of the Nottingham Unit are to provide advice and support to NHS staff and academic researchers who are developing applications for applied health or social care research funding; a number of approaches are currently employed to do this including face to face, telephone, skype, Scientific Committee review, as well as extensive written feedback. The RDS also provides funding awareness seminars and other learning events on research design and funding opportunities.

More information about the NIHR Research Design Service is available via: https://www.rds-eastmidlands.nihr.ac.uk/

The University of Nottingham strongly endorses Athena SWAN principles, with commitment from all levels of the organisation in furthering women’s careers. It is our mission to ensure equal opportunity, best working practices and fair policies for all.

The School of Medicine holds a Silver Athena SWAN in recognition of our achievements in promoting and advancing the representation of women in science, technology, engineering, medicine and mathematics (STEMM). Please see http://www.nottingham.ac.uk/medicine/about/athena-swan.aspx
ROLE PROFILE

Job Title: Senior Health Economist

School/Department: School of Medicine Division of Rehabilitation, Aging and Wellbeing, and the NIHR Research Design Service East Midlands (RDS EM)

Job Family and Level: Research and Teaching Level 5

Contract Status: Fixed-term until 30 September 2023

Hours of Work: Full-time (36.25 hours per week); however applications are also welcome from candidates wishing to work part-time (minimum 29 hours per week) split equally between SoM and RDS EM. Please specify in your application if you wish to work part time and the number of preferred hours.

Location: Division of Rehabilitation and Ageing, Medical School and NIHR Research Design Service East Midlands, Queen’s Medical Centre

Reporting to: Professor of Health Economics and Director of the Nottingham base of the NIHR Research Design Service East Midlands (RDS EM)

Purpose of the New Role:
The School of Medicine (SoM) and the NIHR Research Design Service East Midlands (RDS EM) jointly fund this post.

As the successful candidate, you will be an experienced health economist with a strong background in the design, conduct, analysis and reporting of randomised trials, health economic models and cohort studies.

One of your key roles will be to provide expert methodological support and advice to researchers who are developing high quality applied health or social care research applications for submission to national peer reviewed funding streams. You will also participate in collaborative research throughout the research pathway including designing, analysing and interpreting the health economic components of studies, and contributing to the writing of papers for publication.

We will expect you to provide advice on a range of research designs, and to support researchers within Nottingham and across the East Midlands region. Your role will also include the assistance with the delivery of short courses, workshops and seminars and you may be asked to provide support to junior staff.

### Main Responsibilities

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- Input into the modelling work of the health economics group. To manage models, to construct, modify and produce outputs from the work undertaken
- Other economic methods where appropriate.
  - To apply for research grants in collaboration with others.
  - To work as a team player assisting other members of the health economics team.
  - To participate fully in the writing and publication of research papers.

2. • To establish a national reputation and regularly disseminate and explain research findings through leading peer-reviewed national publications (on a sustained basis), conferences and other appropriate media.
  • To contribute to teaching alongside wider contributions to research and other activities.

| RDS EM responsibilities |
|-------------------------------------------------|-----------|
| 3. • To provide expert advice to NHS staff and academic researchers developing applications for applied health or social care research for submission to NIHR, Research Councils and the Association of Medical Research Charities. To include: | 50% |
| - The health economic components of an application e.g. the most appropriate economic evaluation for the design, suitable health economic outcomes, methods of analysis, etc. | |
| - The provision of more general advice that will improve the competitiveness of research funding applications. | |
| - Meeting researchers and providing written feedback. | |
| • To design material for, and to assist with the delivery of events, workshops and occasional seminars/standalone courses for researchers who are in the process of preparing research applications for funding. | |
| • To build relationships and collaborations with internal and external contacts within the RDS East Midlands region to improve the quality of bids submitted for funding in the NHS and social care partners. | |
| • To work collaboratively as part of the RDS EM team, assisting other members of the RDS in the delivery of the service and covering for other members of staff when necessary. | |
| • To represent the Research Design Service (RDS) at local and national meetings. | |

Knowledge, Skills, Qualifications & Experience

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**Experience**
- Evidence of collaborative applied research experience within health economics including experience of providing input into the health economic aspects of study design, data management and methods of analysis, in trials and models.
- A track record of peer reviewed publications appropriate to career stage.
- Evidence of working independently and within multidisciplinary teams.
- Evidence of ability to prioritise and time manage work activities, and to work to deadlines.
- Evidence of producing work to a high standard with exceptional attention to detail.
- Experience of working in both academic and industry settings.
- Record of obtaining research funding.
- Experience of working with independent research oversight.
- Supervision/teaching experience in quantitative methods.

**Statutory/Legal**
- Satisfactory Enhanced disclosure obtained from the Disclosure and Barring Service

**Other**
- Willingness to travel between sites in the East Midlands region.
- Willingness to adopt the Ethos and Principles of the School of Medicine.

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