

**Job Title:** Senior Research Associate in Health Economics  
**Salary:** £49,559 to £55,755 per annum  
**Grade:** 8  
**Department:** Cardiovascular Sciences  
**Hours/Contract:** Full time and fixed-term until 31 July 2026  
**Job Family:** Teaching and Research  
**Reference:** 11851

## Role Purpose

We are seeking a highly motivated Senior Research Associate in Health Economics to join the Department of Cardiovascular Sciences. They will work closely with the Leicester Clinical Trial Unit to contribute to multidisciplinary research projects, primarily funded by the NIHR Programme Grants for Applied Research (PGfAR), the NIHR Health Technology Assessment (HTA) programme, the Health and Social Care Delivery Research (HSDR) programme. The post holder will work under the supervision of Professor Lily Yao.

The post holder will support systematic reviews, manage large datasets, conduct economic analyses alongside clinical trials, and develop decision-analytic models as required. Additionally, a small teaching and administrative commitment is expected as part of these roles. These roles provide excellent opportunities to work in multidisciplinary teams, collaborating with clinicians, statisticians, and trial management groups.

The post holder will initially be working on the following projects:

1. United Kingdom Arm of the Transfusion Requirements in Younger Patients Undergoing Cardiac Surgery TRICS IV) Trial: An international, multi-centre, randomized trial to assess the clinical and cost-effectiveness of liberal transfusion thresholds in younger patients undergoing cardiac surgery. This project is funded by the NIHR HTA.
2. Mixed methods co-design and evaluation of a Decision Support Tool to enable shared decision making for people who are considering cascade screening for Thoracic Aortic Disease: The DECIDE TAD Programme. This project is funded by the NIHR PGfAR.

The post holder will be a member of the Department of Cardiovascular Sciences and will be expected to fully contribute to that community. The post-holder will also be expected to draw on academic experience to underpin and carry out activities across a range of areas of academic and university life, aligned with the University's strategic themes of 'World Changing Research' and 'Our Citizens,' together with the University values.

## Main Duties and Responsibilities

### Research:

- To design, deliver the research programmes to meet key milestones.
- To perform economic evaluations of the specific projects, including analyses conducted alongside clinical trials and model-based studies in comparing interventions to controls.
- To take lead in writing up and presenting research fundings to research team and disseminate results at national and international conferences.





- To contribute to research proposals and to continue or expand the research programme to secure and explore potential funding streams.
- To oversee data governance, quality and analytical outputs from the research programme as appropriate.
- To publish research outputs which is assessed as internationally and world leading research as per the University Output Review Policy.
- To identify opportunities to apply for fellowships and/or project grants.
- To actively seek opportunities to carry out multi-disciplinary research with other research groups at the University, or stakeholders external to the University.
- To provide supervision and support to PhD students.
- Engage in research and enterprise leadership, contributing to promoting and embedding an inclusive and respectful university research culture

## **Professional Development:**

- To engage in work and opportunities that support your own professional development.

## **Impact and Knowledge Exchange:**

- To disseminate and share expertise through communication and public engagement activities.
- To represent the work of the University in the specific field locally and nationally in appropriate networks and/or in public activities.
- To contribute to research impact

## **Leadership and Citizenship:**

- To innovate in an area of engagement activity e.g outreach, widening participation, public debate and awareness at national and/or international level
- To support outreach activities beyond the University

## **Internal and External Relationships**

Establish/maintain collaborations with other researchers at the University of Leicester, nationally and internationally.

Participate in School/departmental and university-wide seminar and public engagement activities to stimulate dissemination of information and collaboration.

Disseminate results at national and international conferences.

## **Planning and Organising**

Plan and organise own research programme in designated area.

Plan and co-ordinate research with collaborators.

Plan and organise dissemination of information to both highly specialised academics and the lay public.

Plan, organise and submit grant applications for further and supplementary funding.



## Qualifications, Knowledge and Experience

### Essential

- PhD or significant equivalent/demonstrable experience in health economics \*
- Emerging/developing research profile and /or respected nationally/international profile for area of expertise \*
- Evidence of successful collaboration and liaison with external partners where appropriate \*
- Extensive experience of developing and devising models, theories, techniques and methods \*
- Proven track record of delivering research on time
- Previous experience in successfully conducting economic evaluation alongside clinical trials
- Evidence of contribution to successful grant applications
- Excellent verbal and written communication skills for high quality publications and presentations

### Desirable

- Ability to effectively engage and communicate with non-research audiences
- Experience of project management of a research programme
- Ability to contribute to successfully to securing research funding

## Skills, Abilities and Competencies

### Essential

- Experience conducting economic evaluation alongside clinical trials
- Proven analytical and technical problem-solving skills\*
- Evidence of developing a theoretical framework to interpret results\*
- Ability to manage and deliver collaborative based research projects\*
- Commitment to Personal Professional Development in health economics\*
- Proven ability to work effectively both independently and as part of a multidisciplinary Team\*
- Excellent written and verbal communication skills \*
- Proficient in at least one of the following statistical packages: SAS, R and Stata\*

***\*Criteria to be used in shortlisting candidates for interview***

## Reason for Fixed Term Contract

The reason for the fixed term contract is stated in section 1.9 in the summary of contractual terms in your contract of employment.



## Criminal Declaration

If you become an employee, you must inform your manager immediately, in writing, if you are the subject of any current or future police investigations/legal proceedings, which could result in a criminal offence, conviction, caution, bind-over or charges, or warnings.

## Supporting University Activities

As a University of Leicester citizen, you are encouraged to support key university activities such as clearing, graduation ceremonies, student registration and recruitment open days. We encourage all staff as citizens to work flexibly across the University if required. If supporting these activities is likely to affect your workload, please speak to your line manager in the first instance.

## University Values

**Inclusive** - We are diverse in our makeup and united in ambition. Our diversity is our strength and makes our community stronger.

**Inspiring** - We are passionate about inspiring individuals to succeed and realise their ambitions. We challenge our community to think differently, to get involved, and to constantly embrace new ideas.

**Impactful** - As Citizens of Change we will generate new ideas which deliver impact and empower our community

## Equity and Diversity

We believe that equity, diversity and inclusion is integral to a successful modern workplace. By developing and implementing policies and systems that challenge stereotypes across all aspects of our work, we have a culture that recognises and values the diverse contributions of our staff which benefits everyone. Our strong values of inclusivity and equity support our efforts to attract a diverse range of high quality staff and students, and identify our University as a progressive and innovative workplace that mainstreams equity, diversity and inclusion.

