



Job Title:	Senior Advisor in Medical Statistics
Salary:	£49,250 to £55,295 per annum, pro-rata if part-time
Grade:	8
Department:	Department of Population Health Sciences
Hours/Contract:	Full-time, or part-time (minimum 0.8FTE, 30 hours per week), fixed term contract for 25 months
Job Family:	Teaching and Research
Reference:	11002

About the role:

As part of National Institute for Health and Care Research (NIHR), the Research Support Service (RSS) Hub delivered by the University of Leicester and Partners is one of eight Hubs across England funded to support the design and development of health and social care research.

The Leicester RSS Hub is a partnership of more than 20 research groups and clinical trials units, offering a range of flexible, accessible research support services to, including:

- One-to-one advice clinics and multi-disciplinary discussions with methodologists/advisors (statisticians, social scientists, economists, data scientists, clinical trialists, behavioural scientists, etc)
- Review and feedback on draft funding applications from research advisors and public contributors
- Advice, support, and funding for public involvement and community engagement in research development, delivery, and dissemination
- Opportunities to work with partner clinical trials units in support of study set-up, management, data collection, analysis, and reporting
- Opportunities to collaborate with experienced methodologists and research teams in areas of international strength

Role Purpose

As a member of the NIHR Research Support Service (RSS) Hub you will provide expert advice in statistical and other aspects of research design, assisting researchers to develop competitive applications to national funding competitions for health and social care research. You will also have opportunities to collaborate in funded studies, drawing on your professional knowledge and experience. This will include:

- Providing consultancy support to researchers to focus their research ideas and to refine their research questions
- Discussing alternative sampling, data collection and analytic methods and approaches.
- Reviewing draft applications for research funding
- Engaging other researchers and research infrastructure and support groups, as needed
- There will also be opportunities to collaborate in externally funded research.





- You will have recognised expertise in a variety of statistical research methods and approaches, outstanding communication and consultancy skills, and a proven ability to contribute to the development and delivery of important health and social care research and peer reviewed publications.
- You will work closely with investigators using the service, colleagues across the partnership, and staff in other research infrastructure groups locally and nationally.

Main Duties and Responsibilities

- To give high-quality statistical and research design advice to clients of the Research Support Service Hub through one-to-one consultancy and as part of a small team.
- To review draft funding applications to major funders of health and social care research, giving insightful feedback on possible areas for improvement.
- To apply advanced research knowledge and expertise to a broad range of research topics and designs.
- To be open to collaboration in multi-disciplinary research with teams at the University of Leicester and elsewhere across the UK.
- To participate in learning and professional development opportunities to attain and enhance skills, knowledge, and competencies.
- To develop and deliver events, workshops, and occasional seminars, as required, to promote the Research Support Service and NIHR funding opportunities.
- To generate impact through high-quality applied health and care research.
- To actively participate in team meetings for high-quality project support and continual service improvement.

Internal and External Relationships

- To establish and maintain collaborations with other researchers at the University of Leicester, across our RSS partnership, and nationally and internationally.
- To help to establish and maintain productive relationships with NHS, social care, public health and National Institute for Health and Care Research groups, units, and networks.

Planning and Organising

- To support applications for new project funding, including in meetings with researchers using the RSS and other people with specialist knowledge in developing and delivering health and social care research.
- To contribute to the planning and delivery of events to promote the RSS and/or relating to various aspects of research funding, design and delivery.





- To contribute to the planning and delivery of service improvement projects locally, regionally, and nationally.

Qualifications, Knowledge and Experience

Essential

- PhD or other postgraduate qualification (or equivalent experience) related to statistics in health and social care research*
- Deep understanding and significant experience of the role of statistical methods in health and social care research, with wide-ranging knowledge of alternative research designs and analytic approaches*
- Understanding of a broad range of clinical trial designs, including adaptive approaches*
- Record of supporting research applications to major funders of health and social care research*
- Record of peer-reviewed publications involving quantitative research approaches*

Desirable

- Record of teaching, training and/or student supervision.
- Record of peer-reviewed publications involving the review or development of research methods.
- Record of having contributed to the writing of major research funding applications.
- Awareness of other non-quantitative (qualitative) methods and approaches pertinent to health and social care research.
- Experience of reviewing (e.g. for a scientific journal).
- Experience as member of a funding awards committee.

Skills, Abilities and Competencies

Essential

- Exceptional written and verbal communication skills*
- High level of proficiency in English*
- Exceptional consultancy skills.
- Excellent interpersonal skills including effective communications with people from different scientific disciplines.
- Strong work ethic and ability to contribute effectively as part of a team and independently.
- Excellent time management and organisational skills with the ability to work to tight deadlines.
- Ability to engage and communicate complex statistical and design issues with researchers of all levels of experience.





- Excellent IT skills, including use of analytic packages.
- Ability to work flexibly as required and to cope with rapid change.
- Ability to promote and enact equality, diversity and inclusion throughout their role.

****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 expected to support key university activities such as clearing, graduation ceremonies, student registration and recruitment open days. We expect all staff as citizens to work flexibly across the University if required.

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.

