



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Medical Statistician, Faculty of Medicine and Health



Salary: Grade 8 (£41,526 – £49,553 per annum)

Reference: MHLRM1129

Closing date: 1 March 2020

Fixed term for three years

Medical Statistician

School of Medicine

Leeds Institute of Rheumatic and Musculoskeletal Medicine

Do you have statistical experience in a medical environment and want to work for an Institute leading in clinical trials research and impacting clinical practice? Do you want to be part of a successful, highly talented, and multi-disciplinary team with international reach? Are you an enthusiastic, driven postgraduate with a major statistical qualification? Do you have considerable experience in clinical trials and observational research?

The Leeds Institute of Rheumatic and Musculoskeletal Medicine (LIRMM) is an international leader in the field of rheumatology research. The Institute is one of the largest rheumatology research centres in the UK and conducts a variety of studies, including national and international randomised clinical trials, cohort studies, surgical trials, and basic science experiments. We also investigate the measurement properties of new and existing measurement tools, particularly in imaging and patient-reported outcomes. Working closely with the Leeds Teaching Hospitals NHS Trust as a partner in the Leeds NIHR Biomedical Research Centre, our main aim is to engage in world-leading research that improves the delivery of care across the spectrum of rheumatic and musculoskeletal medicine.

You will join a small group of statisticians to support the Institute's work and be responsible for developing and leading a portfolio of trials. You will work on studies at the forefront of emerging areas within the field, ultimately improving disease outcomes and patient care. Working with national leading clinicians you will design trials that address disease-specific national research priorities, driving strategically aligned research with multiple stakeholders including clinicians, patients, the NHS, industry and charities. You will have opportunities to research, apply and develop statistical methodology, together with general consulting and training of health professionals. You will be involved in a wide range of statistical activities, including designing, conducting, analysing and publicising clinical trials and other studies, preparing grant applications and presenting at national and international conferences.



As Medical Statistician, you will provide the statistical strategic lead and supervision during the design and implementation for a number of studies within LIRMM. You will be a talented and dynamic individual with a postgraduate qualification, including a major statistical component, with evidence of considerable relevant experience in leading on the design and analysis of clinical studies. You will work closely, interactively and collaboratively with a multidisciplinary project team, including statisticians, data managers, clinicians, and trial managers. As such you will need excellent communication and interpersonal and time management skills. You will have considerable experience in clinical trials, observational trials, project management and people management skills, together with a nationally recognised research profile in clinical trials and medical statistics.

This role will provide you with an excellent opportunity to develop your career and national and international profile, enabling you to further broaden your expertise through methodological research within a supportive and stimulating environment with leadership opportunities; if applicable, you will also have the opportunity to register for a PhD.

What does the role entail?

As Medical Statistician, your main duties will include:

- Leading the design and implementation of well-planned clinical trials, at a senior level, ensuring comprehensive statistical input and adherence to relevant legislation and LIRMM Standard Operating Procedures (SOPs);
- Designing efficient clinical trials and observational studies in close collaboration with leading clinicians, scientists and trials methodologists;
- Working in partnership with senior LIRMM colleagues, and in close collaboration with leading clinicians, scientists and other trials methodologists, in the development and costing of grant applications, taking the statistical lead in obtaining research grants for the Portfolio clinical trials, programme grants and related studies to be conducted through LIRMM;
- Providing statistical supervision of all statistics functions for trials and studies within the portfolio;
- Managing junior statisticians in the Institute, including planning induction, workload and ongoing staff training / professional development, relating to design, analysis and presentation of trial projects;



- Contributing to the development of strategic statistical objectives and having a leading role in the portfolio development and application of novel statistical methodologies to drive innovation and efficiency;
- Ensuring that the statistical team for the portfolio evolves by keeping abreast of developments which impact upon the work of the Institute through membership of relevant societies, and through journals, conferences and courses;
- Promoting the academic profile of LIRMM through high quality publications in peer-reviewed clinical and methodological journals and by presenting research to national statistical groups and at national and international conferences;
- Providing clinical trial and statistical consultancy to healthcare professionals, as well as advisory sessions for research students;
- Leading the design and delivery of external specialist training & workshops relevant to the work of the Institute and contributing to the design and delivery of other undergraduate/postgraduate/CPD courses, together with other members of LIRMM;
- Co-supervising PhD students;
- Undertaking collaborative methodological research, as and when appropriate, ensuring appropriate funding, and introducing such methodology, if appropriate, into LIRMM by providing training to relevant staff;
- Deputising for other Medical Statisticians when required.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As Medical Statistician you will have:

- A postgraduate qualification in a relevant quantitative topic such as epidemiology or statistics (MSc/PhD);
- Significant clinical research experience in statistics;
- Comprehensive knowledge of current statistical and methodological issues in the design and analysis of clinical trials and observational research;
- Experience working independently to analyse statistical data;
- Independent medical statistics consultancy experience;
- Ability and willingness to keep abreast of /assess/use new statistical techniques;



- Nationally recognised research profile in clinical trials e.g. through membership of national research committees, publications and grant income;
- Experience of interaction with multiple stakeholders, funding bodies and industry;
- Demonstrable experience of managing projects and leading others to achieve success;
- Previous experience of staff management, with ability to build and maintain relationships with staff at all levels;
- Proven ability to be an effective, proactive team member with a positive, problem solving attitude;
- Effective organisational skills, ability to prioritise and to work on own initiative;
- Effective and professional interpersonal and communication skills, including written and presentational;
- Ability to grasp new concepts quickly;
- Ability to be flexible regarding meeting deadlines and prioritisation of tasks;
- Extensive experience in the use of a statistical computing package and other IT software such as MS Office.

You may also have:

- Experience of research in fields relevant to rheumatology;
- Previous experience of latent variable modelling;
- Previous experience as a post-graduate supervisor;
- Previous experience of teaching statistics.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

Dr Liz Hensor, Medical Statistician

Tel: +44 113 3924944 / 3922651; Email: e.m.a.hensor@leeds.ac.uk



Additional information

Find out more about the [Faculty of Medicine and Health](#).

Find out more about [Athena Swan](#) in the Faculty of Medicine and Health.

Find out more about our [Institute](#).

Find out more about our [Research and associated facilities](#).

Working at Leeds

You can find out more about our generous benefits package and more about what it is like to work at the University and live in the Leeds area in our [Working at Leeds](#) information.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found in our [Accessibility](#) information or by getting in touch with us at disclosure@leeds.ac.uk.

Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position, however, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our [Criminal Records policy](#). You can find out more about required checks and declarations in our [Criminal Records](#) information.

