



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Senior Medical Statistician, Leeds Institute of Clinical Trials Research



Salary: Grade 7 (£38,205- £45,585 p.a. depending upon experience)

Reporting to: Principal Statistician

Reference: MHCTR1337

Overview of the Role

The Clinical Trials Research Unit within the [Leeds Institute of Clinical Trials Research \(LICTR\)](#) is an international leader in the field of clinical trials. The Unit is one of the largest in the UK and conducts national and international randomised and early phase clinical trials in a variety of clinical fields. Our main aim is to develop and support novel and efficient trials to change clinical practice for the better. Our past results and current research have already helped to do this. Our results inform the academic development of this specialised field of clinical research on a national and international level. Particularly, we specialise in the development, optimisation and evaluation of complex interventions, complex phase III trials and efficient phase I/II trials, as well as adaptive designs, seamless phase II/III designs and biomarker driven designs.

You will be a talented and dynamic individual with a postgraduate qualification, including a major statistical component, and an interest in evaluating novel treatments or interventions of pharmaceuticals, radiotherapy, surgery, medical devices or complex interventions. You will have considerable applied experience in clinical trial statistics and/or medical statistics including some project and people management.

You will join a large, well-established group of statisticians and will work on trials designed to answer questions of real importance that will ultimately develop the clinical pathway to improved disease outcomes and patient care. You will be involved in a wide range of statistical activities, including the design, implementation, analysis and reporting of clinical trials and the statistical development of grant applications.

You will have opportunities and be encouraged to research, apply and develop statistical methodology, together with general consulting and training of health professionals.

You will work closely and collaboratively with a multidisciplinary project team, including statisticians, programmers, clinicians, health economists, health service researchers, data managers and trial managers.

This role will provide you with an excellent opportunity to develop your career and broaden your expertise through methodological research within a supportive and stimulating environment. If applicable, you will also have the opportunity to register for a PhD.



Main duties and responsibilities

As a Senior Medical Statistician, your main duties will include:

- Leading in the statistical design and implementation of clinical trials; determining appropriate randomisation methods and developing protocols, ensuring adherence to relevant legislation and CTRU Standard Operating Procedures (SOPs).
- Working in partnership with senior CTRU colleagues to develop grant applications.
- Determining the most appropriate statistical methods for analysis, preparing analysis plans and undertaking of appropriate statistical analyses of research projects using appropriate statistical software.
- Statistical monitoring of research projects, conducting interim analyses of trial data and reporting to independent data monitoring committees.
- Providing statistical and project management advice to members of the trial management, programming and clinical teams and consultancy to other healthcare professionals.
- Preparation and presentation of trial results to collaborators and at national and international conferences.
- Preparing high quality manuscripts in collaboration with the trial team for submission to peer reviewed journals.
- Supporting appropriate internal and external undergraduate, postgraduate and CPD teaching.
- Providing high quality, comprehensive pre-application research advice and collaboration and post application support to health, public health and social care professionals via the NIHR Research Support Service.
- Providing line management to Medical Statistician(s), agreeing development plans and training in consultation with Divisional Director and/or Principal Statistician.
- Deputising for the Divisional Director and/or Principal Statistician 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.



Qualifications and skills

Essential

- Both a BSc and MSc with major statistical component.
- Applied experience in clinical trial statistics and/or medical statistics.
- Experience in the analysis of clinical data and the ability to undertake statistical programming independently.
- Initiative and ability to assess new statistical techniques.
- Knowledge of clinical trial design and analysis in at least one of the following areas:
 - Drug interventions including early phase clinical trials
 - Radiotherapy interventions and/or drug-radiotherapy combinations
 - Biomarker-driven treatment strategies and translational biomarker studies
 - Complex intervention evaluations
 - Surgical or diagnostic device interventions
 - Implementation trials

Desirable

- Knowledge of SAS computing package.

Key attributes

- Interpersonal and communication skills with experience of people management or supervision.
- Project management skills including prioritisation of tasks.
- Writing and presenting skills with publications to evidence research activity.

Additional information

Working at Leeds

We are a campus-based community and regular interaction with campus is an expectation of all roles in line with academic and service needs and the requirements of the role. We are also open to discussing flexible working arrangements. To find out more about the benefits of working at the University and what it is like to live and work in the Leeds area visit our [Working at Leeds](#) information page.



Information for disabled candidates

Information for disabled candidates, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at hr@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 page.

