



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Medical Statistician, Faculty of Medicine and Health



Salary: Grade 6 (£27,025 - £32,236 per annum)

Reference: MHCTR1172

Open ended fixed funding for 36 months

Medical Statistician, Complex Interventions Division School of Medicine, Clinical Trials Research Unit

Do you want to work for an Institute which is leading in clinical trials research that impacts clinical practice? Do you want to be part of a successful, highly talented, and multi-disciplinary team? Are you an enthusiastic, driven postgraduate with a major statistical qualification?

The [Clinical Trials Research Unit](#) (CTRU) 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 support the challenge of changing clinical practice for the better and our past [results and current work](#) 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 complex phase III platform trials, efficient phase I/II trials, biomarker driven designs, seamless phase II/III designs, adaptive designs and the development and evaluation of complex interventions.

You will join a large, well-established group of statisticians to support the Unit's work on clinical trials, evaluating complex interventions. You will work on internationally renowned trials designed to answer questions of real importance to patients and health professionals, ultimately improving disease outcomes and patient care. 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, preparing grant applications and presenting at national and international conferences.

You will be a talented and dynamic individual with a postgraduate qualification, including a major statistical component, and an interest in early through to late phase trials evaluating complex and/or behavioural interventions. Experience of research involving older people, stroke survivors or in primary care is desirable, but not essential.



You will work closely, interactively and collaboratively with a multidisciplinary project team, including statisticians, programmers, clinicians, health economists, health service researchers and trial managers. As such you will need excellent communication and interpersonal skills, along with the ability to prioritise and meet deadlines.

This role will provide you with an excellent opportunity to develop your career and further 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. **We welcome applications from MSc students in the final year of their studies.**

What does the role entail?

As a Medical Statistician, your main duties will include:

- Assisting in the statistical design and set up of research projects, including development of the protocol and design of the case report forms and database;
- Preparing of analysis plans and the undertaking of appropriate statistical analysis of research projects, using appropriate statistical software;
- Statistical monitoring of research projects, conducting interim analysis of data and providing advice about trials, both statistical and other trial related issues, such as recruitment and funding, to independent data monitoring committees;
- Determining the most appropriate method of randomisation and assisting the Information Systems Section with implementing the randomisation systems, providing quality assurance checks at regular intervals;
- Providing ongoing advice on both statistical and general aspects of research to members of the trial co-ordination, programming and clinical teams when required, such as advice on problems with randomisation, eligibility, timing and interpretation of interim analyses;
- Presenting both appropriate interim information about, and results of, research projects, including preparing and presenting at national and international conferences and research groups;
- Preparing high quality manuscripts in collaboration with the project team for submission to peer reviewed journals;
- Inputting, along with other members, to appropriate internal and external undergraduate and postgraduate courses.



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 a Medical Statistician you will have:

- A BSc with a major statistical component and a MSc with major statistical component, or equivalent qualification,;
- A basic understanding of the key features of clinical trial design;
- Effective interpersonal and communication skills, including written and presentational, with the ability to work effectively in a team environment;
- Strong initiative, with the ability and willingness to keep abreast of, and assess, new statistical techniques;
- The ability to be flexible regarding meeting deadlines and prioritisation of tasks;
- Knowledge of a statistical computing package and other IT software such as MS Office.

You may also have:

- Knowledge of SAS computing packages;
- Knowledge of current statistical issues in clinical trials;
- Experience of research in fields relevant to the CTRU Complex Interventions Division research portfolios, such as cluster randomised trials, trials within cohorts, multi-level modelling, causal analysis, pilot and feasibility studies, use of routine electronic healthcare data in trials, complex intervention development, trials evaluating interventions for stroke rehabilitation & older people, primary care trials or care home trials.

How to apply

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

Interviews are anticipated to take place in late November or early December 2019.



Contact information

To explore the post further, including a discussion about specific trials or for any queries you may have, please contact:

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Additional information

Find out more about the [Clinical Trials Research Unit](#).

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

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

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.

