UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Senior Medical Statistician, Faculty of Medicine and Health

Salary: Grade 7 (£33,797 - £40,322 per annum)

Reference: MHCTR1183

Open ended fixed funding for 36 months

Senior Medical Statistician
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 early phase and late 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, specifically in the Leeds Cancer Research UK Clinical Trials Unit. You will work on trials designed to answer questions of real importance to patients and health professionals, ultimately improving disease outcomes and patient care in cancer. The Cancer Division includes major portfolios in haematological malignancies, the evaluation of radiotherapy as an intervention alone and in combination with pharmaceuticals in the treatment of a number of tumour sites, and a number of smaller developing portfolios. 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 phase and/or late phase trials evaluating novel treatments of pharmaceuticals, surgery, medical devices or complex interventions in cancer, including colon cancer, breast cancer, renal cancer and various haematological malignancies.



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. As such you will need excellent communication and interpersonal skills, along with the ability to prioritise and meet deadlines.

The types of trials you will work on will vary, but may include platform trials evaluating multiple interventions of radiotherapy in anal cancer, randomised evaluations of treatment-sparing strategies in melanoma and chronic lymphocytic leukaemia, and a programme of biomarker-guided clinical trials of surgical and pharmaceutical interventions in colon cancer.

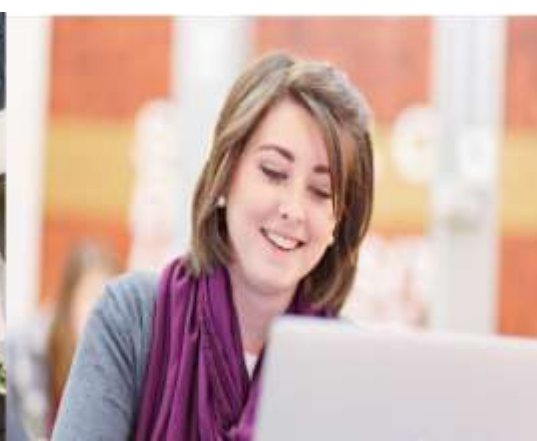
This role will provide you with an excellent opportunity to develop your career and further broaden your expertise through methodological research within a supportive and stimulating environment; if applicable, you will also have the opportunity to register for a PhD.

What does the role entail?

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

- Leading 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 the results of research projects, including preparing posters and slides, 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;
- In consultation with Divisional Director and/or Principal Statistician, managing your own workloads and timescales and that of Medical Statistician(s), including agreeing development plans and assisting in their training and supervision involving the design and analysis and presentation of projects;
- Deputising for the Divisional Director and/or Principal Statistician in their absence;
- Project management as 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 a Senior Medical Statistician you will have:

- BSc with a major statistical component and a MSc with major statistical component, or equivalent qualification,
- Previous relevant clinical trials experience (in at least one of the following areas);
  - Design and analysis of early phase clinical trials of drug interventions;
  - Design and analysis of late phase clinical trials of drug interventions;
  - Design and analysis of clinical trials of radiotherapy interventions and/or drug-radiotherapy combinations
  - Design and analysis of clinical trials of biomarker-driven treatments strategies;
  - Design and analysis of treatment sparing strategies
  - Analysis of translational biomarker studies (e.g. genomics) adjunct to clinical trials;
  - Individual-patient data and summary data meta-analysis and/or network meta-analysis
- 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;



- Publications to evidence research activity.
- Previous experience of project management and staff supervision;
- Knowledge of a statistical computing package and other IT software such as MS Office.

You may also have:

- Knowledge of SAS computing packages;
- Grant applications to evidence research activity;
- Experience of research in fields relevant to CTRU trial portfolios, such as cancer, haematology or early through to late phase trials.
- PhD in relevant area.

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.

Please make clear in your application which previous relevant clinical trials experience you have which is relevant to the themes described in the "What will you bring to the role?" section above.

Contact information

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

Dr Sarah Brown, Director of Early Phase Studies in Cancer Division
Tel: +44 (0)113 343 1472
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Dr David Cairns, Director of Late Phase Studies in Cancer Division
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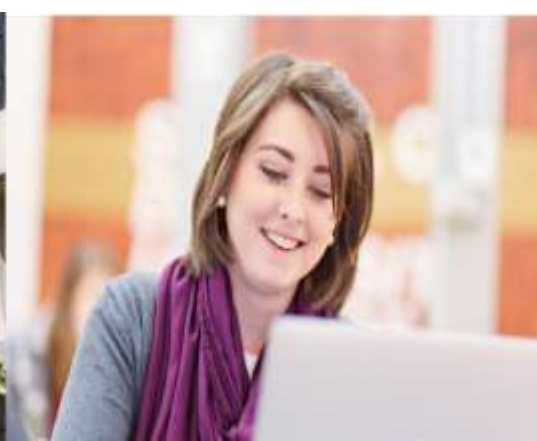
Email: d.a.cairns@leeds.ac.uk





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 accordance with our Criminal Records policy. You can find out more about required checks and declarations in our Criminal Records information.