Job Summary

Job Title:	Medical Statistician
Grade:	6
Salary:	£32,546 to £37,174, pro rata if part-time
Hours and contract:	Full-time or job share, fixed term contract for 12 months
Department:	Leicester Clinical Trials Unit (LCTU)
Job Family:	Teaching and Research
Job Reference:	11668

Role Purpose:

Working as a member of the statistics team in the UKCRC-registered Leicester Clinical Trials Unit (LCTU), you provide statistical expertise alongside colleagues within the unit to ensure statistical delivery in the design, conduct, analysis and reporting of clinical trials in the LCTU portfolio.

You will have to demonstrate expertise in a variety of quantitative research methods and approaches as they relate to clinical trials, be a competent communicator and have good organisational, time-keeping and multi-tasking skills. With support from senior statistical colleagues you will be expected to work closely with Principal Investigators, other colleagues within the LCTU team and other external collaborators to deliver high quality research.

You will be responsible for delivery of statistical aspects of conduct, analysis, reporting and interpretation of assigned projects with oversight provided by more senior statisticians within the LCTU. In addition you will support the Principal and Senior Medical Statisticians in providing expert statistical input to the development of high quality funding applications for clinical trials and other high-quality studies.

Main Duties and Responsibilities

- Conduct and analysis of trials and other studies, supported by the Principal or Senior Medical statisticians;
  - Input into protocol development and sample size calculations
  - Write review and implement plans for interim and final analysis of trials
  - Support randomisation, data collection and data cleaning
  - Plan and perform statistical analyses according to the protocol and analysis plan
  - Prepare statistical reports for Trial steering Committees, Data Safety Monitoring and Ethics Committees and Trial Management Groups

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- Publish and present trial results in high impact peer reviewed journals and international conferences.
- Support statistical colleagues in the validation of clinical trial designs and analysis

- Provide support to the Principal and Senior Medical Statisticians in designing new clinical trials;
  - Input into the statistical elements for the collaborative development of concepts leading to successful grant applications to funding bodies including National Institute for Health Research (NIHR) programmes, research councils, charities and others
  - Provision of statistical advice to investigators on design, methodology and analysis of clinical trials, in compliance with all relevant legislative frameworks
  - Provision of statistical advice on applications for Clinical Trials Authorisation and Research Ethics Committee approval

- Work with statistical colleagues in the LCTU on established programmes of methodological research, relevant to the design and analysis of clinical trials

- Provide appropriate advice and guidance on statistical issues to LCTU colleagues and collaborators. Participate as an active member of the unit to review and revise SOPs and working practices and to develop procedural documentation to support these

- Attend relevant statistics or other professional courses or conferences as agreed with line management. Develop and maintain appropriate academic and professional contacts. Keep up to date on methodological issues and maintain personal development in relation to methodology for trial design and analysis

- Undertake occasional teaching/training duties and contribute to other tasks within the Clinical Trials Unit as requested by line manager, promoting best statistical practice within the unit and with collaborators

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Internal and External Relationships

- Support the Principal Statistician and other statistical colleagues
- Work closely with Principal Investigators, the trials team, other staff in the LCTU and other collaborators as appropriate.

Planning and Organising

- Prioritise own workload to meet grant applications deadlines and funded trials timelines/milestones in line with LCTU strategy
- You will be expected to work alongside investigators, using effective communication and decision making to ensure the research is delivered in accordance with the overall research objectives in a timely manner

Qualifications, Knowledge and Experience

Essential

- A first degree with a significant quantitative component *
- Postgraduate qualification in medical statistics *
- Proficiency with statistical analysis software (including at least one of SAS or STATA)*
- Familiarity with key aspects of study design and analysis, and aware of the latest statistical techniques*
- Experience of working independently, and as part of a team
- Ability to present complex issues to non-specialists, orally and in writing*

Desirable

- Previous experience working as a trial statistician on clinical trials, either working in the NHS, Pharmaceutical industry or a University*
- Knowledge and experience of phase II/III/IV clinical trials
- Record of achievement in research, evidenced by publications and conference presentations or posters*
- Experience of presentations to peers or to scientific meetings*

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Skills, Abilities and Competencies

Essential

- High level of proficiency in English, sufficient to undertake research, training and administrative activities utilising English Language materials and to communicate effectively with colleagues and stake holders
- Excellent verbal, written and presentational skills
- Ability to work independently as well as part of a team
- Ability to work in a methodical manner, paying attention to detail and ensuring accuracy *
- Ability to prioritise tasks, across multiple simultaneous projects to meet tight deadlines
- Independent time management and organisational skills with the ability to work on own initiative.

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.

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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.