UNIVERSITY OF LEICESTER

Job Summary

Job Title: Medical Statistician
Grade: 7
Salary: £35,326 to £40,927 per annum
Department: Leicester Clinical Trials Unit (LCTU)
Hours/Contract: Full-time, fixed term contract for 2 years
Reference: 3870

Role Purpose

Working across both the UKCRC-registered Leicester Clinical Trials Unit (LCTU) and Experimental Cancer Medicine Centre (ECMC) you will provide statistical expertise to ensure delivery in the design, conduct, analysis and reporting of clinical trials other experimental studies.

You will have to demonstrate expertise in a wide range of quantitative research methods and approaches as they relate to clinical trials, be an excellent communicator and outstanding organisational and multi-tasking skills with the ability to deliver projects independently in a timely manner. Under the supervision of the Principal Statistician and/or senior statistical colleagues you will be expected to work closely with Principal Investigators, other colleagues within the LCTU and ECMC and other external collaborators to deliver high quality research as well as undertake an element of independent research.

You will be responsible for delivery of statistical aspects of conduct, analysis, reporting and interpretation of assigned projects with some senior oversight. 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

1. Contribute to the design of 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

2. Work with statistical colleagues in the LCTU on established programmes of methodological research, relevant to the design and analysis of clinical trials as well as undertaking personal and collaborative research which will result in contributions to the journal and conference presentations in areas of specified research

3. Co-supervision of junior statisticians and provision of 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

4. 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

5. 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

6. 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

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, ECMC 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 *
- Experience working as a medical statistician in clinical trials *
- Proficiency with statistical analysis software (including at least one of SAS or STATA) to statistically analyse research projects *
- Experience in the design, conduct and analysis of clinical trials, specifically preparing grant applications, writing protocols, reporting and publication of results *
- Track record of peer reviewed publications *

Desirable

- Experience in the field of cancer*
- Knowledge of survival analysis and statistical modelling*
- Previous experience working as a trial statistician within a clinical trials unit*
- Experience in both early and late phase clinical trials*
- Experience of presentations to peers or to scientific meetings*
- Track record of contributing to preparation of successful grant applications*
- Supervisory experience, with the ability to support less experienced colleagues*

UNIVERSITY OF LEICESTER

Job Summary

Skills, Abilities and Competencies

Essential

- Proven ability to provide appropriate advice on a range of quantitative statistical methodologies *
- 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
- Proven analytical and technical/scientific problem solving capability gained over a period of working as a medical statistician*
- 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 within agreed work schedules
- Independent time management and organisational skills with the ability to work on own initiative to meet tight deadlines
- An ability to encourage commitment to learn in others

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.

VITAL

The University encourages all staff to live our VITAL values which are:

Valuing People, Innovators, Together, Accountable, Leaders.

Equality and Diversity

We believe that equality, 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 equality 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 equality, diversity and inclusion.