University of Nottingham
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Role profile

Job title	Medical Statistician	Job family and level	Research & Teaching, Level 4a
School/ Department	School of Medicine, Nottingham Clinical Trials Unit (NCTU)	Location	The East Midlands Campuses of the University of Nottingham

Purpose of role

To provide statistical input into NCTU's portfolio of high quality clinical trials of national and international importance. You will contribute to the design, on-going monitoring and conduct, analysis and dissemination of clinical trials according to regulatory guidelines and NCTU/sponsor Standard Operating Procedures. You may also enjoy the opportunity to develop research interests within NCTU's programme of trials methodology research, and may contribute to delivery of research methods training courses offered by the unit.

The NCTU is a UK Clinical Research Collaboration registered Clinical Trials Unit (https://www.ukcrc-ctu.org.uk/) based in the School of Medicine at the University of Nottingham. The unit's mission is to conduct high quality, high impact multicentre trials to improve the nation's health and well-being.

NCTU has a broad portfolio of trials including studies evaluating medical devices, investigational medicinal products and complex interventions. The unit currently has around 100 staff, and with the investment of strategic development funding from the University, this is anticipated to expand to 120 staff over the next 3 to 5 years.

For further information see: http://www.nottingham.ac.uk/nctu/index.aspx

The School of Medicine recognise the importance of continuous professional development and therefore the importance of providing opportunities, structured support and encouragement to engage in professional development each year.

To find out more about the School of Medicine, its values, vision, teaching and research, please see our further information leaflet.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	**To provide, with supervision, statistical input to a range of clinical trials, such as**: • Statistical contributions to trial protocols • Development of statistical analysis plans (SAPs) • Development of corresponding 'dummy' tables • Development of statistical programs to create analysis datasets, and produce tables, figures and listings	70%

	• Independent validation of primary and key secondary &/or complex outcomes and statistical analyses • Input to and review of data management documents • Production of programs to facilitate central monitoring • Preparation of reports for independent oversight committees e.g., Trial Steering Committees (TSCs) and Data Monitoring Committees (DMCs) • Membership of individual trial management groups • Interim and final statistical analysis of clinical trial data • Drafting the statistical components of trial reports • Contributing to scientific publications including protocols, SAPs, main clinical and subsidiary papers • Contributing to responses to journals on statistical issues raised • Contributing to the supportive environment of the NCTU statistical team such as participating in monthly team meetings	
2	**To contribute, with supervision, to study design and set-up by:** • Statistical and broader (when applicable) contributions to grant applications • Identifying and implementing appropriate statistical methodology • Performing/validating sample size calculations • Reviewing methods for data collection (e.g., electronic data collection forms, database specifications, validation checks) • Reviewing protocols and associated trial documentation • Responding to statistical issues raised	20%
3	**Alongside your line manager/senior trial statistician, to identify and undertake activities to ensure your continuous professional development including contributing to the conduct and dissemination of methodological research and training within the unit. This may involve:** • Contributing to the development and conduct of methodological Studies Within a Trial (SWATs) • Contributing to training and educational events organised by the NCTU • Contributing to (and leading where appropriate) the production of conference abstracts and presentations • Developing research interests and contributing to trials methodology research within the NCTU • Performing other duties appropriate to the grade/level of the role and/or consistent with your skills set or beneficial to your continuous professional development.	10%
4	**Other:** • Any duties appropriate to the grade and level of the post	N/A

Person specification

	Essential	Desirable
Skills	• Familiarity with statistical analysis software such as Stata or SAS • Excellent MS office software skills • Excellent oral/written communication skills • Excellent organisational skills • Ability to work both independently and as part of a multidisciplinary team	• Familiar with other statistical analysis packages and sample size software
Knowledge and experience	• Familiarity with the principles of randomised trials and methods of analyses. • Knowledge of the application of medical statistics to clinical trials	
Qualifications, certification and training (relevant to role)	• Postgraduate qualification in medical statistics or closely related subject with a substantial medical statistics content • OR the equivalent experience working in a clinical trials environment to that of the formal qualification.	• Research experience in a clinical trials environment
Other	• Willingness to adopt the vision and values of the School of Medicine.	

Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

Valuing people	Is friendly, engaging and receptive, putting others at ease. Actively listens to others and goes out of way to ensure people feel valued, developed and supported.
Taking ownership	Is clear on what needs to be done encouraging others to take ownership. Takes action when required, being mindful of important aspects such as Health & Safety, Equality, Diversity & Inclusion, and other considerations.
Forward thinking	Drives the development, sharing and implementation of new ideas and improvements to support strategic objectives. Engages others in the improvement process.
Professional pride	Is professional in approach and style, setting an example to others; strives to demonstrate excellence through development of self, others and effective working practices.
Always inclusive	Builds effective working relationships, recognising and including the contribution of others; promotes inclusion and inclusive practices within own work area.

Key relationships with others