Job Profile
Person Specification

Job Details		
Job Title:	**Junior Medical Statistician**	
School/Dept/Institute & Centre:	Barts Cancer Institute	
Reports to:	Medical Statistician	
Grade:	4	Full Time
Appointment period:	Permanent	
Current Location:	Currently based at Charterhouse Square, although the post holder may be required to move to another of the School's sites should the need arise. The post holder may also be required to carry out duties on other College/ Hospital sites throughout the UK.	

Job Context

The Barts Cancer Institute (BCI) is a Cancer Research UK Centre of Excellence whose work aims to transform the lives of those with and at risk of cancer through innovative research in the laboratory, in patients and in populations. BCI is internationally renowned in many areas of cancer research and it combines groundbreaking basic research with the expertise of clinicians and clinician scientists from the Centre for Experimental Cancer Medicine (CECM) and the Barts NHS Trust to achieve improvements in cancer patient care. BCI is also committed in supporting and developing future cancer researchers through its extensive postgraduate training. It is one of six institutes within The School of Medicine and Dentistry (SMD).

The CECM is comprised of a Clinical Trials Team which oversees the set up and coordination of all early phase investigator led clinical trials sponsored by Barts Health or QMUL and the Cancer Research Delivery Group (CRDG) which is responsible for recruiting patients into all hosted trials, regardless of phase, at Barts Health, coordinating trials from a site perspective and collecting data. The post is based with the CECM Clinical Trials Team. The CECM Trials Team specialises in early phase oncology trials (Ib/IIa), using biomarker driven designs with strong expertise in immunotherapy and international multicentre trials. CECM trials are being conducted in over 170 hospitals in Europe, Asia and USA.

Job Purpose

The main purpose of this post is to support ongoing trials co-ordinated by the CECM, and help develop new ones by working with the trial centre staff. This will include involvement in the design, liaison with trial staff during trial recruitment and statistical analyses of the trials and contributing towards publications.

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Main Duties & Responsibilities

Responsible for statistical aspects of national / international clinical trials managed by the CECM. The duties include:

- Contribute to the design of new trials, the writing of grant applications and trial protocols
- Preparing statistical analysis plans
- Contributing to abstracts and presentations for national/international conferences as well as publications
- Undertake statistical analyses (e.g. STATA) including checking, validating and cleaning of data
- Assist in the central monitoring of trials through preparation of reports for Trial Oversight Committees
- Support with the design of eCRFs
- Ensure that statistical aspects of the research are undertaken according to GCP, College and Trust protocols.
- Undertake any additional analysis of the data as required.

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Main Duties & Responsibilities

Other

- The post holder must at all times carry out their responsibilities with due regard to the College's Equal Opportunities policy.
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- These duties will be subject to review in line with the changing requirements of the Centre, Institute, School or College, and with the development needs of the post holder as identified through regular review/appraisal processes.

The above list of responsibilities is not exhaustive and the jobholder may be required to undertake other duties commensurate with the level of the role, as reasonably requested by their line manager.

This job description sets out the duties of the post at the time it was drawn up. Such duties may vary from time to time without changing the general character of the duties or level of the responsibility entailed. Such variations are a common occurrence and cannot in themselves justify a reconsideration of the grading of the post.

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This table lists the essential and desirable requirements needed in order to perform the job effectively. Candidates will be shortlisted based on the extent to which they meet these requirements.

	Requirements	Essential / Desirable
Qualifications	MSc or PhD or equivalent experience in Medical Statistics or closely related subject	E
Knowledge, Skills and Experience	Statistical work/research experience in cancer clinical trials	E
	Experience of using statistical analysis package STATA	E
	Knowledge of statistical methods of design and analyses	E
	Knowledge of the design and analysis of early phase clinical trials	D
	Understanding of Good Clinical Practice (GCP) regulations	E
	Ability to work unsupervised and to prioritise a varied workload and meet deadlines	E
	Clear and concise written and oral skills in order to communicate statistical concepts to non-statisticians	E
	Analytical skills	E
	Experience of producing statistical reports and contributing towards publications	D
	Must demonstrate a critical and intelligent attention to detail and high standards of accuracy	E

E – Essential: Requirements without which the job could not be done.

D – Desirable: Requirements that would enable the candidate to perform the job well.