Job Description

Job title	Research Assistant
Department/School	Mathematical Sciences
Job family	Education and Research
Grade	6
Reporting to	Principal Investigator (PI) or Co-Investigator (CI) for area of research
Responsible for	No staff management responsibilities
Location	University of Bath premises

Background and context

This project aims to develop novel statistical methodologies for the design and analysis of basket trials, wherein multiple patient subgroups sharing a common disease trait (e.g., genetic aberration) are evaluated simultaneously under one overarching protocol. Basket trials can provide substantial advantages including enhanced screening efficiencies, recruitment time saving, and operational streamlining. Potential gain in statistical efficiency is possible by enabling borrowing of information between subtrials (subgroups). To date, a large majority of basket trials have been conducted in oncology settings, wherein the new treatment is evaluated at a chosen dose. This limits the wider uptake of such efficient designs in non-oncologic therapeutic areas beyond oncology.

The post-holder will be a member of Dr Zheng's research group at the Department of Mathematical Sciences, University of Bath. They will be offered a tailored development programme to grow their knowledge and career as a medical statistician. This appointment comes with the opportunity of a 2-3 month research visit to AstraZeneca (Cambridge, UK). The post-holder will leverage all the benefits to build their own collaboration network.

Job purpose

To provide subject-specific research assistance to a Principal Investigator (PI)/Co-Investigator (CI) and their research team for a specified grant.

	Main duties and responsibilities
1	Assist with research by typically (*as appropriate to discipline*): • preparing, conducting and recording the outcome of field work; • developing questionnaires and conducting surveys • conducting literature and database searches
2	Provide support to PI and other research staff with project management (for example, organising meetings and corresponding with partners).
3	Contribute to the production of research reports and publications.
4	Participate regularly in group meetings and prepare and deliver presentations to research team.
5	Assist with supervising undergraduate student projects.
6	Continually update knowledge and understanding in field or specialism to inform research activity.
7	As a member of Research Staff at the University, you will be encouraged to take up a minimum of 10 days' professional development pro rata per year. You should use this time to spend on activities that will benefit your career development and your personal growth. Examples include: attending workshops, career development coaching, mentoring, training courses, participation in networks, attending conferences, writing fellowship or funding applications, and representing the research staff community on committees or working groups. The University, as a signatory to the Concordat for the Career Development of Researchers, is committed to its principles. We aim to provide a supportive and inclusive environment, where researchers' contributions are recognised and valued, and we provide opportunities to enable research staff to develop their full potential.
	You will from time to time be required to undertake other duties of a similar nature as reasonably required by your line manager. You are required to follow all University policies and procedures at all times and take account of University guidance.

Person Specification

Criteria	Essential	Desirable
Qualifications		
Undergraduate degree (e.g. BA, BSc, BEng) in a subject relevant to the research activity	√	
Master level qualification		√
Experience/Knowledge		
Relevant work experience in a related area to the project		√
Demonstrated depth and breadth of specialist knowledge of subject matter to effectively contribute to the research programme	√	
Demonstrated awareness of latest developments in the field of research	√	
Skills		
Ability to organise and prioritise own workload to meet required deadlines	√	
Ability to write research reports and to effectively disseminate outcomes	√	
Excellent verbal, interpersonal and written communication skills	√	
Highly competent in IT packages as appropriate to discipline/area of research	√	
Attributes		
Commitment to working within professional and ethical codes of conduct	√	
Innovation and developing creative solutions	√	
Self-confidence when communicating with a wide range of stakeholders	√	
Commitment to safe working practices	√	
Ability to work independently	√	
Commitment to excellence in research	√	
Ability to be an effective team worker	√	