Queen's University Belfast

Candidate Information

Position: Research Fellow (Bioinformatics)
School/Department: School of Medicine, Dentistry and Biomedical Sciences
Reference: 19/107461
Closing Date: Tuesday 4 June 2019
Salary: £27,831 to £39,610 per annum
Duration: until 9 October 2020

JOB PURPOSE:

To be an active member of a research team assisting Prof Liam Heaney and Prof Chris Patterson with an MRC funded Stratified Medicines programme - the UK Refractory Asthma Stratification programme (RASP-UK). The Research Assistant will join a multidisciplinary team with the goal of conducting clinical trial bio-statistical analysis including day-to-day management of a large multicentre clinical trial database, interim analysis and reporting of safety and outcome data to Investigator team and Trial Steering Committee. The post will also include computational, hypothesis-driven applied clinical research in respiratory disease using large existing clinical datasets.

MAJOR DUTIES:

1. Carry out statistical analyses, critical evaluations, generate reports using appropriate methodologies.
2. Present regular progress reports on research to members of the research group, other groups within the Centre/University and to external audiences
3. Develop and plan an area of personal research and expertise, and/or undertake research under supervision within a specific research project or as a member of a research team.
4. Prepare, often in consultation with supervisor, material for publication in national and international journals and presentations at international conferences.
5. Carry out routine administrative tasks associated with the research projects e.g. arranging research meetings
6. Read academic papers, journals and textbooks to keep abreast of developments in own specialism and related disciplines and engage in technical training as needed.

Planning and Organising:

1. Plan for specific aspects of research programmes. Timescales range from 1-12 months in advance and contribute to research group planning.
2. Plan own day-to-day activity within framework of the agreed research programme.

Resource Management Responsibilities:

1. Ensure research resources are used in an effective and efficient manner.
2. Provide guidance as required to support staff and any students who may be assisting with the research

Internal and External Relationships:

1. Liaise on a regular basis with supervisor, colleagues, students and collaborators.
2. Build internal contacts and participate in internal networks for the exchange of information and to form relationships for future collaboration.
3. Attend and contribute to relevant meetings

ESSENTIAL CRITERIA:

1. Honours degree or equivalent in statistics or other relevant discipline
2. At least 1 year recent relevant experience in management and biostatistical analysis of large clinical datasets

3. Sufficient breadth and depth of specialist knowledge in the discipline and of research methods and techniques to work within established research programme.
4. Ability to communicate complex information clearly.
5. Ability to build contacts and participate in internal and external networks.
6. Good team working skills in multiple team settings as well as leadership qualities.
7. Excellent problem-solving skills and able to use own initiative.
8. Irregular hours including weekend working will be a component of the research at times.
9. Must be willing to travel to national and international meetings and collaborative laboratories.

DESIRABLE CRITERIA:
1. Working towards a PhD in data management, biostatistics or other relevant discipline
2. Research project management
3. Grant, manuscript and abstract writing experience.
4. Have, or about to produce a peer reviewed publication from previous research work.
5. Evidence of having presented at conferences (poster or oral).