Candidate Information

Position: Research Fellow
School/Department: School of Medicine, Dentistry and Biomedical Sciences
Reference: 23/110917
Closing Date: Monday 5 June 2023
Salary: £36,333 per annum
Anticipated Interview Date: Thursday 15 June 2023
Duration: Fixed Term for up to 5 months

JOB PURPOSE:

The principal aim of the post is work in an established team to provide statistical analysis, project management of data linkages, contribute to the writing of publications and of grant applications relating to analysis of data from the Northern Ireland Cancer Registry focusing on the relationships between cancer and heart disease. A high technical competence in statistical analysis and experience of working with large datasets is essential.

MAJOR DUTIES:

1. Liaise closely with research team members to successfully co-ordinate data linkage, analyses, critical evaluations, and generate reports using appropriate methods on heart disease occurrence and outcomes before and after a cancer diagnosis.
2. Develop a statistical analysis plan, apply statistical techniques, develop descriptive publications.
3. Undertake research under supervision with the study team and help to create a collaborative and supportive environment as a member of the research team.
4. Present progress reports and research findings to members of the research team, other groups within the Centre and University, grant providers and external audiences. nationally and internationally to disseminate and publicise research findings.
5. Assist research team in the preparation of project progress reports to funding and external bodies, as well as of new funding proposals and applications. Draft grant applications relating to heart disease in cancer patients.
6. Keep abreast of developments in heart disease in cancer patients and related disciplines and engage in technical training as needed.
7. Undertake a systematic review of cardio-toxicity to help inform the statistical analysis plan.
8. Contribute to epidemiological projects related to this research as and when appropriate.
9. Prepare, in consultation with the research team, material for publication in national and international journals and presentations at international conferences.
10. Carry out routine administrative tasks associated with the research project to ensure that the work is completed on time and within budget. These might include organisation of project meetings and documentation, risk assessment of research activities.
11. Adhere to the Cancer Registry's, University's, School's, and Centre's policies and regulations.

ESSENTIAL CRITERIA:

1. A primary degree in a health-related subject or mathematics/statistics. or cognate discipline in which quantitative skills are evident.
2. Have a relevant PhD in epidemiology, public health, applied statistics or related subjects that include a substantive quantitative data analysis component.
3. At least 3 years' recent research experience and skills relevant to this project e.g. database management, statistical analysis, working with large epidemiological datasets.
4. Experience of using statistical packages such as STATA or R.
5. Contribution to authorship of articles in international scientific peer reviewed journals, commensurate with stage of career.
6. Ability to deal competently with administrative tasks.
7. Excellent IT skills e.g. Microsoft Office suite.
8. Excellent organisational skills.

9.   Excellent inter-personal skills.
10.   Excellent oral and written communication skills.
11.   Ability to write reports and meet deadlines.
12.   Good presentation skills.
13.   Articulate, fluent.
14.   Ability to work independently and on own initiative.

DESIRABLE CRITERIA:
1.   Strong commitment to a career in research.