

## Candidate Information

<b>Position:</b>	Research Fellow
<b>School/Department:</b>	Centre for Public Health
<b>Reference:</b>	21/108898
<b>Closing Date:</b>	Friday 9 July 2021
<b>Salary:</b>	£33,797 - £40,322 per annum
<b>Anticipated Interview Date:</b>	Wednesday 4 August 2021
<b>Duration:</b>	Fixed term contract for 27 months until 30 November 2023

### JOB PURPOSE:

This exciting position will allow the successful candidate to join a multinational collaborative pharmacoepidemiology project between Queen's University Belfast, the University of Southern Denmark, and collaborators from Norway, Sweden, the USA, and Canada to investigate psychotropic medications and glioma.

The successful candidate will join the Centre for Public Health research team, working alongside Dr. Blánaid Hicks in a program of research funded by Cancer Research UK.

Glioma causes significant morbidity and mortality worldwide with survival remaining extremely poor due to limited treatment options. This international multicenter observational study will use prescription and cancer-registry linked databases from the UK, Denmark, Sweden, Norway, and the USA, to investigate this cancer of unmet need. Projects will include drug utilization studies as well as the evaluation of psychotropic medication use and glioma risk and survival.

The successful candidate will join a dynamic team with extensive expertise in cancer pharmacoepidemiology. There may be opportunities to travel to collaborators in Europe. The post holder will gain skills in project management, analyses of electronic medical records and have responsibility for writing for publication.

### MAJOR DUTIES:

1. Undertake pharmacoepidemiological research projects including protocol preparation, study design, analysis and generating reports.
2. Undertake research under supervision of the study team, and help create a collaborative and supportive environment as a member of the research team.
3. To prepare and carry out statistical analyses of linked UK healthcare datasets including SAIL Datalink and Scotland (EDRIS) on psychotropic medications and glioma.
4. To liaise closely with study collaborators based at The University of Southern Denmark, Karolinska Institute, University of Bergen, Kaiser Permanente (Southern California) and McGill University.
5. Prepare progress reports on research for supervisors or to external audiences to disseminate and publicise research findings.
6. Prepare, in consultation with the research team, material for publication in national and international journals, presentations at international conferences, and reports for lay audiences.
7. Assist the research team in the preparation of project progress reports to funding and external bodies, as well as of new funding proposals and applications.
8. Carry out routine administrative tasks associated with the research project to ensure that the work is completed on time and within budget, and that the group functions efficiently. These might include organisation of project meetings and documentation, financial control, risk assessment of research activities etc.
9. Assist with the training and supervision of undergraduate and postgraduate students, or lecturing duties within the post holder's area of expertise, under guidance of an academic member of staff.
10. Keep abreast of developments in own specialism and related disciplines and engage in technical training as needed.
11. Be willing to travel to meet the needs of the post, when required.

### Planning and Organising:

1. To plan for the use of research resources where appropriate
2. To plan own day-to-day activity within framework of the agreed research programme.
3. To plan to meet deadlines for journal publications and to prepare presentations and papers for conferences.
4. Coordinate and liaise with other members of the project team and international collaborators regarding progress.

**Resource Management Responsibilities:**

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

**Internal and External Relationships:**

1. To liaise on a regular basis with colleagues and students.
2. To build internal and external networks for the exchange of information and to form relationships for future collaboration and the sharing of information and ideas.
3. To contribute to the schools outreach programme.

**ESSENTIAL CRITERIA:**

1. \*Have or about to obtain a relevant PhD in epidemiology, public health, pharmacy, applied statistics or related subjects that include a substantive quantitative data analysis component.
2. \*At least 3 years' research experience and skills relevant to this project e.g. database management, statistical analysis, working with large epidemiological datasets.
3. \*Experience of using statistical packages such as STATA.
4. A publication record commensurate with stage of career.
5. Sufficient breadth and depth of knowledge in the discipline and research methods and techniques pertinent to pharmacoepidemiology or cancer epidemiology.
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. Demonstrated ability to build contacts and participate in internal and external networks.
13. Good presentation skills.
14. Articulate, fluent.
15. Ability to work independently and on own initiative.
16. Access to transport and willingness to travel to meet the needs of the post.
17. Ability to work outside normal hours when necessary.

**DESIRABLE CRITERIA:**

1. \*A primary degree or Master's degree in a health-related subject or mathematics/statistics.
2. \*Experience of pharmacoepidemiology research.
3. \*Experience of cancer epidemiology research.
4. Evidence of having co-ordinated research projects to successful completion.
5. Major contribution to authorship of articles in international scientific peer reviewed journals, commensurate with stage of career.
6. Strong commitment to a career in research or public health.