

## Candidate Information

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|------------------------------------|-------------------------------------------------------|
| <b>Position:</b>                   | Research Fellow                                       |
| <b>School/Department:</b>          | School of Medicine, Dentistry and Biomedical Sciences |
| <b>Reference:</b>                  | 26/113581                                             |
| <b>Closing Date:</b>               | Monday 7 September 2026                               |
| <b>Salary:</b>                     | £42,972 per annum                                     |
| <b>Anticipated Interview Date:</b> | Monday 21 September 2026                              |
| <b>Duration:</b>                   | 8 Months                                              |

### JOB PURPOSE:

This post involves working with a multi-disciplinary team conducting epidemiological analyses of large datasets of routinely collected health records. This research aims to generate important evidence regarding the surveillance, treatment and follow-up of women diagnosed with gynaecological cancer and precancer.

This project will involve using data from the Northern Ireland Endometrial Hyperplasia Register, held within the Northern Ireland Cancer Registry, to conduct epidemiology studies investigating trends in the incidence of endometrial hyperplasia and risk of progression to endometrial cancer. This project will also utilise routinely collected health records from the UK to conduct pharmacoepidemiological studies investigating trends in the use of hormonal treatments and other medications among gynaecological cancer patients and evaluation of clinical outcomes (such as survival). Other population-based datasets, such as the UK Biobank, will also be used for the conduct of large cancer epidemiology studies investigating risk factors for gynaecological cancers.

The post holder will enhance skills in project management and epidemiological analysis of large health datasets. The post will also involve liaising with collaborators (including clinicians and patient representatives), acquiring health datasets, overseeing data linkages, coordinating meetings, preparing regular summary reports, taking the lead writing academic outputs and research dissemination, as well as supporting postgraduate students.

### MAJOR DUTIES:

1. To work as part of the Cancer Epidemiology Research Group within the Centre for Public Health, School of Medicine, Dentistry & Biomedical Sciences, Queen's University Belfast.
2. Conduct data cleaning and statistical analysis of the NI Endometrial Hyperplasia Register datasets.
3. Prepare an ethical approval application to facilitate external data linkages.
4. Prepare applications to access datasets of routinely collected health records, from UK and external sources.
5. Conduct data cleaning and analysis of gynaecological cancer cohorts using linked UK health records including cancer registry, hospital, primary care and death records.
6. Liaise with study collaborators, located across the Centre for Public Health, The Northern Ireland Cancer Registry and the Belfast Health & Social Care Trust, as well as external collaborators.
7. Contribute to the delivery of stakeholder engagement activities, as well as patient and public involvement in research.
8. Present regular progress reports for the research team or to external audiences to disseminate and publicise research.
9. Deliver relevant teaching and support to undergraduate and postgraduate students.
10. Assist with the supervision of undergraduate and postgraduate students on related projects.
11. Keep abreast of the research field and relevant developments.
12. Prepare manuscripts, in consultation with the project team, based on the results of research as appropriate for submission to peer review journals.
13. Carry out routine administrative tasks associated with the research project to ensure that the work is completed on time and within budget.
14. Assist in the submission of associated grant applications.

15. Review scientific literature and keep abreast of new developments in the field.
16. Any other duties related to the successful achievement of the above study.

**ESSENTIAL CRITERIA:**

1. Have or be about to obtain a relevant PhD in epidemiology, public health, statistics or related subject.
2. Significant, recent research experience and skills relevant to this project, e.g., database management, statistical analysis, working with, and analysing large datasets.
3. Experience of project management, delivering research outcomes, and proven ability to work in a multi-disciplinary environment as part of a research team.
4. Experience of conducting cancer epidemiological studies using routinely collected health records, e.g., UK cancer registry records, UK NHS health records.
5. Evidence of experience of statistical software using, for example, Stata.
6. Evidence of publication of cancer epidemiology or related studies, commensurate with the stage of career.
7. Sufficient breadth and depth of specialist knowledge in research methods and cancer epidemiology techniques pertinent to this project.
8. Excellent IT skills e.g. Microsoft Office suite.
9. Excellent organisational skills.
10. Excellent inter-personal skills.
11. Excellent oral and written communication skills.
12. Evidence of ability to write reports and meet deadlines.
13. Evidence of ability to deal competently with administrative tasks and contribute to broader management tasks.
14. Ability to communicate complex information clearly.
15. Clear and confident communicator.
16. Ability to give formal presentations.
17. Ability to work independently and on own initiative.
18. Ability to act decisively and confidently.
19. Access to transport and willingness to travel to meet the needs of the post.
20. Ability to work outside normal hours when necessary.

**DESIRABLE CRITERIA:**

1. First or Upper Second Class Honours Degree in a relevant discipline, a Master's degree, and / or relevant professional qualification.
2. Experience in cancer pharmacoepidemiology analysis.
3. Evidence of publication of cancer pharmacoepidemiology studies, commensurate with the stage of career.
4. Proven ability to participate in or initiate collaborative research.
5. Evidence of having co-ordinated a research project to successful completion.
6. Strong commitment to a career in research or Public Health.