

## Candidate Information

**Position:** Research Fellow  
**School/Department:** Centre for Public Health  
**Reference:** 23/111200  
**Closing Date:** Monday 25 September 2023  
**Salary:** £37,841 - £42,567 per annum  
**Anticipated Interview Date:** Monday 23 October 2023  
**Duration:** Fixed term for up to 22 months or until 31 August 2025, whichever is sooner

### JOB PURPOSE:

The principal aim of the post is to undertake a CRUK funded project to investigate the association between antibiotic use on survival from breast cancer. The study will be conducted in collaboration with researchers from the University of Oxford and the University of Nottingham.

### MAJOR DUTIES:

1. To undertake analyses investigating the effect of antibiotic use on cancer-specific mortality in cohorts of breast cancer patients from Wales (SAIL) and Scotland (EDRIS).
2. Create datasets for analysis using data from Wales and Scotland and then apply statistical techniques (such as survival analysis) to these dataset to determine the impact of antibiotics on cancer-specific mortality.
3. To liaise with collaborators from the University of Oxford and University of Nottingham to pool results from Scotland, England and Wales.
4. Draft and present regular progress reports on research for research supervisors or to external audiences to disseminate and publicise research findings.
5. Prepare, in consultation with supervisors, material for publication in national and international journals and presentations at international conferences.
6. 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, financial control, risk assessment of research activities.
7. Assistance with supervision of PhD students who may be working on related research.
8. Read academic papers, journals and textbooks to keep abreast of developments in own specialism and related disciplines.

### ESSENTIAL CRITERIA:

1. A primary degree or Master's degree in mathematics/statistics or a health-related subject.
2. Have or be about to obtain a relevant PhD in epidemiology, public health, pharmacy, applied mathematics/statistics or related discipline.
3. Specific, 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.
5. Contribution to authorship of articles in international scientific peer reviewed journals, commensurate with stage of career.
6. Sufficient breadth and depth of specialist knowledge in the discipline and of research methods and techniques pertinent to cancer epidemiology or pharmacoepidemiology.
7. Ability to deal competently with administrative tasks.
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. Ability to write reports and meet deadlines.

13. Good presentation skills.
14. Articulate, fluent.
15. Ability to work independently and on own initiative.
16. Access to transport or ability to meet the mobility requirements of the post and willingness to travel to meet the needs of the post.

**DESIRABLE CRITERIA:**

1. Ability to work in a multi-disciplinary environment as part of a research team.
2. Experience of pharmacoepidemiology research.
3. Strong commitment to a career in research.