

## **Candidate Information**

<b>Position:</b>	Research Fellow in Statistics or Epidemiology
<b>School/Department:</b>	Centre for Public Health
<b>Reference:</b>	20/108423
<b>Closing Date:</b>	Wednesday 11 November 2020
<b>Salary:</b>	£33,797 - £38,017 per annum
<b>Anticipated Interview Date:</b>	Wednesday 25 November 2020
<b>Duration:</b>	Until 31 October 2022

### **JOB PURPOSE:**

The principal aim of the post is to undertake a CRUK funded project to determine whether HRT use after diagnosis of cancer alters the risk of cancer-specific mortality in women with a range of common cancers. Analysis will also be undertaken to investigate the impact of HRT on cardiovascular disease in women with cancer.

### **MAJOR DUTIES:**

1. To undertake analyses investigating the effect of HRT on cancer-specific mortality and cardiovascular disease using cohorts of 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 HRT on cancer-specific mortality and cardiovascular disease.
3. To liaise with collaborators from the University of Oxford 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.

### **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 research group 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 contacts and participate in internal networks for the exchange of information and to form relationships for future collaboration.
3. To join external networks to share information and ideas.

### **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. 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.
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.