

Candidate Information

Position:	Statistician
School/Department:	Centre for Public Health
Reference:	21/108725
Closing Date:	Wednesday 21 April 2021
Salary:	£33,797 per annum
Duration:	This post is available full time until 31 December 2022 with possibility of extension.

JOB PURPOSE:

To provide epidemiological, statistical and geographical analytical skills to assist in the development and completion of a work program funded by Macmillan cancer support within the N. Ireland cancer Registry.

MAJOR DUTIES:

1. To undertake projects agreed as part of the Macmillan-NICR partnership. This will involve liaising closely with staff in Macmillan Cancer support, and an NICR based Tumour Verification Officer employed on the Macmillan-NICR partnership.
2. Be responsible for collation, validation and analysis of datasets containing anonymised clinical data for specified cancers diagnosed in Northern Ireland for agreed projects including analysis of new information on recurrence of cancer and monitoring service change.
3. Undertake detailed epidemiological, statistical and geographical analysis of cancer incidence and mortality data, using appropriate techniques and packages and prepare reports of findings for publication on NICR website. This may also involve presentation of work at meetings including NICR council meetings and Northern Ireland Cancer Network (NICan) Clinical reference group meetings on behalf of Macmillan.
4. Provide annual update for the Local Cancer Intelligence tool which gives a visual and analytical presentation of cancer information (incidence, mortality, survival and prevalence) by different geographic areas including HSC Trust and Local Government District.
5. Maintain up to date knowledge and training in statistical techniques in cancer epidemiology as well as data protection and NICR data confidentiality.
6. Provide advice and guidance to colleagues (both internal and external) on statistical analysis and research methodologies.
7. To be aware of NICR outputs e.g. Official statistics (incidence, prevalence, mortality and survival) and information requests.
8. Manage personal administrative tasks related to own work and contribute to applications for national and international grant funding.
9. Prepare, in consultation with senior N. Ireland Cancer registry staff and Macmillan Cancer Support, material for publication in national and international journals and presentations (oral and poster) at international conferences.
10. Prepare outputs tailored to a variety of audiences including non-academic briefs, PowerPoint presentations and summaries of findings.
11. Draft and present regular progress reports on Macmillan-NICR partnership work for Macmillan Cancer support and Partnership strategic group members.
12. Maintain a personal work plan and manage and undertake activities in accordance with specific project plans of the Macmillan-NICR Partnership.
13. Willingness to travel occasionally within the UK for the purposes of collaborative meetings and conferences.

Planning and Organising:

1. Plan own day to day work activity within the framework laid down for the post.
2. Plan the use of own resources.
3. Support planning of proposals for submission to external funding organisations.
4. Plan to meet deadlines for reports, journal publications and conference presentations.

Resource Management Responsibilities:

1. Manage own duties under supervision of line manager and in accordance with the aims of the Cancer Registry.
2. Ensure resources are used in an effective and efficient manner.
3. Provide guidance as required to support staff.
4. Assist in the development of skills and competence in others.

Internal and External Relationships:

1. Liaise on a regular basis with colleagues in Macmillan Cancer Support and health service staff.
2. Build internal contacts and participate in internal networks for the exchange of information and to form relationships for future collaboration.
3. Join external networks to share information and ideas with a view to engagement in collaborative work.
4. Attend and contribute to relevant meetings.
5. Develop strong collaborative relationships with cancer epidemiology in Centre for Public Health and within the UK and International Cancer Registry community.

ESSENTIAL CRITERIA:

1. Hold a Honours Degree or equivalent in maths, statistics, psychology, epidemiology or relevant subject area.
2. A minimum of 3 years relevant experience to include:
 - At least 1 year experience in analysing health related datasets.
 - Experience of using statistical packages SPSS / STATA / SAS.
3. Ability to develop, manage and effectively execute original lines of work.
4. High level of analytical capability.
5. Able to lead, interest, inspire others.
6. Good IT skills.
7. A clear communicator, written and oral.
8. Able to present work and other plans and reports to the wider community and audiences including Health Services, major charities, NHS R&D, EU and other funding bodies.
9. A clear commitment to interdisciplinary working.
10. A team player who can develop effective internal and external projects and practice links.
11. An ability to make sound, balanced and rational judgements in the overall best interests of the Department.
12. Ability to work outside normal hours when necessary.
13. Access to transport or ability to meet the mobility requirements for the post and a willingness to travel as required.
14. Adherence to the NICR Confidentiality Clause.

DESIRABLE CRITERIA:

1. MSc or PhD in area such as Statistics / Maths / Epidemiology or a cognate subject or be within 2 months of dissertation submission.
2. Significant recent experience of cancer epidemiology resulting in a report/publication.
3. Experience or significant involvement in national and/or international data analysis.
4. Proven track record of peer-reviewed publications and ability to attract grant.
5. Evidence of presentations at international meetings.
6. Evidence of effectively communicating findings tailored to non-specialist or non-technical audiences.