

Candidate Information

Position:	Research Fellow
School/Department:	Environmental Change and Resilience
Reference:	21/109276
Closing Date:	Monday 1 November 2021
Salary:	£34,304 to £39,739 per annum
Anticipated Interview Date:	Monday 15 November 2021
Duration:	7 months

JOB PURPOSE:

'Mapping Lineages' is a Leverhulme Trust funded project which uses digital technologies to explore the historical genealogy of British maps. At the heart of the project is the development of new analytical techniques which could fundamentally revise histories of British cartography. The project is helping in understanding how maps changed across seven centuries (1000-1700), contributing to ongoing academic debates on the relationship between maps and map-makers. The successful candidate will play a core role in the project, assisting with the development of online tools for accessing the digitised historic maps, contributing to publications deriving from the research, and liaising with the project team and research libraries which are home to the maps.

MAJOR DUTIES:

1. Assist the PI and CI at Queen's University Belfast to manage and coordinate activities of the Mapping Lineages project.
2. Lead the development of online mapping tools to allow users to access and explore the digitised maps.
3. Present progress reports on research to members of the research group and to external audiences to disseminate and publicise research findings
4. Prepare, in collaboration with supervisor, materials for publication in leading international journals and presentations at international conferences.

Planning and Organising:

1. Plan for specific aspects of the research program.
2. Plan for the use of research resources, computer laboratories and workshops where appropriate.
3. Plan own day-to-day activity within framework of the agreed research programme.
4. Plan in advance to meet deadlines for journal publications and to prepare presentations and papers for conferences.
5. Coordinate and liaise with other members of the research group over work progress.

Resource Management Responsibilities:

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

Internal and External Relationships:

1. Liaise on a regular basis with staff, researchers and students within the research team.
2. Liaise on with other project partners, and deliver tasks specified by the project leader's team.
3. Build internal contacts and participate in internal networks for the exchange of information and to form relationships for future collaboration.
4. Build close links with other project partners and other potential collaborators for exchange of information and to form close partnerships for future collaborations.

ESSENTIAL CRITERIA:

1. Normally have or be about to obtain a PhD in Historical Geography, Geographic Information Science, Cartographic History or the broader Social Sciences (with a quantitative focus).

2. A minimum of three years recent relevant research experience with:
 - using to a high degree of competency GIS software
 - proven experience of post-processing of large spatial data sets.
 - Independent research and time management.
3. A good publication record commensurate with stage of career.
4. Ability to support undergraduate and postgraduate project students on related activities.
5. Ability to contribute to broader management and administrative processes.
6. Ability to contribute to the School's outreach programme by links with industry, community groups etc.
7. Ability to demonstrate sufficient breadth and depth of specialist knowledge in the discipline and of research methods and techniques to work within established research programmes.
8. Ability to support undergraduate and postgraduate project students on related activities.
9. Ability to communicate complex information clearly
10. Ability to build contacts and participate in internal and external networks.
11. Ability to assess and organise resources.
12. Must be able to work as part of the wider project team.

DESIRABLE CRITERIA:

1. Proven experience of processing of large historic data sets.
2. Experience of creating online mapping tools.
3. Experience of liaising with researchers and partners at other institutions.
4. Sustainable research interests.
5. Willingness to acquire new skills.