

Candidate Information

Position:	Research Fellow, NBE
School/Department:	School of Natural and Built Environment
Reference:	22/110342
Closing Date:	Monday 12 December 2022
Salary:	£35,333 per annum
Anticipated Interview Date:	Monday 9 January 2023
Duration:	Two posts available - 20 months and 38 months

JOB PURPOSE:

Research Fellows (two) are sought to join the team of a large project funded by the Economic and Social Research Council (ESRC). The project, Geographies of Ethnic Diversity and Inequalities (GEDI), will examine, analyse and explain the UK's changing ethnic geographies through a novel integration of research strands on ethnic diversity, residential segregation, socio-spatial inequalities, and migration. Led by Dr Gemma Catney (Geography, Queen's University Belfast), GEDI is a timely and innovative programme of research which aims to use Census data to provide a comprehensive picture of the small area (neighbourhood) ethnic landscape of the UK, and how this has changed over time (1991-2021/22). The successful candidates will be productive and collaborative members of the GEDI project team, assisting in the planning and delivery of the research. Each Research Fellow will focus on a set of research themes best linked to their experience and background. These will include: ethnic diversity, segregation and mixing; socio-spatial ethnic inequalities; internal migration and (im)mobility. Experience with analysis of secondary population data is essential. The researchers will be based in Geography, in the School of Natural and Built Environment, at QUB. One post has a duration of 38 months, and the other 20 months, but there is a single application process.

MAJOR DUTIES:

1. Assist the Principal Investigator and Co-Investigator at Queen's University Belfast (Geography) and the rest of the project team, collaborating with Co-Investigators at the Office for National Statistics, University of St Andrews, University of Bristol, University College London, Dartmouth College, and University of Washington, and with project partners Runnymede Trust and the Royal Geographical Society with IBG, to manage and coordinate activities of the Geographies of Ethnic Diversity and Inequalities (GEDI) project.
2. Support the wider team in processing and analysing Census ethnic group data, through a combination of quick-response and more sustained analyses of Census data.
3. Produce high quality research outputs aligned to the project aims, and commensurate with your career stage. This will include collaborating and co-authoring with the PI and project team (as appropriate) across work packages.
4. In collaboration with the wider team, timely preparation of a diversity of project outputs, including academic journal articles in leading international journals, national and international conference presentations, Census Topic Analyses, research/policy briefings, interactive web resources, etc.
5. Co-ordination of, and participation in, public dissemination activities, working closely with the project partners.
6. Liaise with the Project Advisory Group, which includes senior representatives from across central and local government and the third sector. Tasks will include coordinating meetings, co-writing/presenting progress reports, dissemination of findings, collation of feedback, etc.
7. Undertake supplementary duties relevant to the success of the project, including administrative duties and additional training and development activities, as required.
8. Carry out occasional educational supervision, demonstrating or lecturing duties within the post holder's area of expertise, and under the direct guidance of a member of academic staff.

ESSENTIAL CRITERIA:

1. Have, or about to obtain, a PhD in Geography, or another Social Sciences discipline (with a quantitative focus). Applicants from Data Science/Computer Science backgrounds are also encouraged to apply. (NB 'About to obtain' is normally defined as within six months of application date).
2. At least three years of relevant research experience, to include:
 - Undertaking research in Population Geography or allied area
 - A proven track record of using statistical methods and GIS to carry out analyses of data, as relevant to the research project
 - Working effectively as part of a research team in the development and promotion of the project
 - Independent research and time management
3. A strong publication record commensurate with stage of career.
4. Ability to contribute to broader management and administrative processes.
5. Support the management of data/outputs for the whole project.
6. Contribute to the School's outreach programme by links with government, community groups, etc.
7. Sufficient breadth and depth of specialist knowledge in the discipline, and of research methods and techniques, to work across the project themes.
8. Practical problem solving skills, independence of thought and initiative.
9. Ability to build relationships to develop internal and external networks.
10. Proven ability to communicate complex information clearly.
11. Demonstrable 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 spatial population data sets.
2. Experience with a programming environment, such as R or Python.
3. Experience of creating online mapping tools.
4. Experience of liaising with researchers and partners at other institutions.
5. Willingness to acquire new skills.