

## Candidate Information

<b>Position:</b>	Lecturer in Geographical Information Science
<b>School/Department:</b>	Environmental Change and Resilience
<b>Reference:</b>	20/108362
<b>Closing Date:</b>	Monday 12 October 2020
<b>Salary:</b>	£36,914 per annum.
<b>Anticipated Interview Date:</b>	Tuesday 27 October 2020
<b>Duration:</b>	2 year fixed-term contract or until 17 March 2023, whichever is soonest.

### JOB PURPOSE:

To undertake research in line with the research strategy and targets of the School of Natural and Built Environment within the Faculty of Engineering and Physical Science (EPS) and in line with Queen's University vision of world class leadership in the pursuit of excellence with impact on society. Particular emphasis is on geographical information science and human geography. To be an active member of the Belfast Area Working Group, undertaking collaborative research with colleagues in Queen's University and Belfast City Council. To contribute to postgraduate and undergraduate education in Geography within the School of Natural and Built Environment and EPS, by teaching a broad range of subjects including GIS, spatial analysis, and human geography. To contribute to the continuous improvement of curriculum content, delivery, feedback methods, assessment methods, student employability and widening the overall student experience through interdisciplinary projects. To demonstrate leadership by undertaking or contributing to major Institute, School, Faculty or University initiatives to grow research income, improve postgraduate experience and improve international student intake. To contribute to management and administrative processes of the Geography discipline at a level commensurate with stage in career.

### MAJOR DUTIES:

#### Teaching:

1. Sustain an excellent standard of teaching at both undergraduate and postgraduate levels.
2. Develop teaching methods, design course units and deliver teaching and assessment activities including lectures, coursework, practicals, and fieldwork according to own area of subject specialism.
3. Strive to improve all aspects of the student experience such as guidance, delivery of course material, assessment, and feedback leading to better employability.
4. Contribute to the continuous development of School and Faculty curricula in line with the latest teaching methods and the requirements of both society and industry.
5. Contribute to widening the student experience in established undergraduate taught programmes.

#### Research:

1. Expand the work of the School in geographical information science and human geography.
2. Publish top quality research outputs in the leading international journals and conferences in the field of study with volume commensurate with stage in career.
3. Build academic impact of the discipline's research as evidenced by strong citation indices or other indicators.
4. Seek to secure research income from competitive external sources at a level commensurate with stage in career.
5. Assist with building, supervising and sustaining the research group within the School.
6. Direct, mentor and develop research staff, where appropriate.
7. Develop networks of research excellence both nationally and internationally.
8. Build a research profile that will secure measures of esteem commensurate with stage in career.

#### Administration/Contribution to the Community:

1. Contribute to the School's outreach strategy by developing external links.
2. Develop links with relevant external bodies to encourage knowledge transfer opportunities and create opportunities for future research projects.

3. Provide pastoral care for students within own area to ensure, as far as practicable, that all relevant issues are dealt with in a timely, sympathetic and effective manner.
4. Carry out designated School functions, including, for example, participation in committee work and student recruitment.

**Planning and Organising:**

1. Plan for and set teaching and research objectives over the duration of the post.
2. Plan and manage own teaching and tutorials as agreed with line manager.
3. As module leader, co-ordinate with others (such as support staff or academic colleagues) to ensure student needs and expectations are met.
4. Design/update modules in line with School's teaching strategy.
5. Plan for the use of teaching and research resources, laboratories and workshops as appropriate.

**Resource Management Responsibilities:**

1. Depending on the area of work, supervise the work of others, for example in research teams and projects.
2. Manage own teaching, research and administrative demands under general supervision of line manager.
3. Assist in the development of skills and competence in others (for example through the supervision of research students).
4. Manage use of resources for research and teaching.
5. Act as mentor for students in capacity of personal tutor.

**Internal and External Relationships:**

1. Communicate complex and conceptual ideas to students, as well as to peers, using high level skills and a range of media.
2. Member of the School Board, Geography Programme Board and Examination Board, along with such committees relevant to administrative duties.
3. Collaborate with other academics within University.
4. Participate in and develop networks, for example to identify sources of funding, contribute to student recruitment, act as website editor, market the institution, facilitate outreach work, generate income, obtain consultancy projects, or build relationships for future activities.
5. Contribute to the School's outreach programme by establishing links with local community groups, industries, etc.

**ESSENTIAL CRITERIA:**

1. A minimum of a 2.1 degree (or equivalent) in a relevant area of Geography or allied Social Sciences.
2. PhD in Geography or allied Social Sciences, with emphasis on geographical information science.
3. A sustained research track record, to include published research which is REF returnable at 3\* and 4\* rating in top quality journals and refereed international conferences commensurate with stage in career.
4. Evidence of applying for funding to enable research to be undertaken.
5. Evidence of developing a research project.
6. Record of developing external contacts incorporating joint working as part of a research grant application.
7. Teaching experience at University level, having demonstrated ability to design modules and assessment methods relevant to stage in career.
8. Evidence of supervising projects at either undergraduate or postgraduate level.
9. Evidence of improving teaching through the incorporation of student, peer or External Examiner feedback.
10. Contribution to a wide range of administrative tasks either at school or research group level.
11. Contribution to a wide range of community/outreach activities.
12. Evidence of scholarly activity, e.g., conference and or journal papers, journal and external funding reviews.
13. Ability to communicate complex information effectively.
14. Ability to manage resources and staff.
15. Demonstrable intellectual ability.
16. Evidence of travel associated with networking at a national and international level.

**DESIRABLE CRITERIA:**

1. PGCHET (or equivalent) with HEA membership.
2. The proven ability to deliver research programmes from conception through funding, and implementation to delivery.
3. Evidence of good teaching evaluations.
4. Research which has a societal impact. Either supervision or assisting with supervision of post graduate students in a research team.