



### Job Details

<b>Position:</b>	Lecturer - Gibson Institute
<b>School/Department:</b>	School of Biological Sciences
<b>Reference:</b>	24/112178
<b>Closing Date:</b>	16 September 2024
<b>Salary:</b>	£43,605 - £60,284 per annum
<b>Anticipated Interview Date:</b>	24 October 2024

### JOB PURPOSE:

This post will conduct research in the economics/finance of the environment, agri-food, behaviour, or health to contribute to the Belfast Region City Deal (BRCD), and wider Regional Growth Deals in Northern Ireland.

In particular, the post will foster collaboration with the Global Innovation Institute (GII), by working on large data sets on the economics or finance of health and or agri-food to find solutions that deliver healthier lives for citizens, underpin the scientific integrity of the Northern Ireland Green Deal, and benefit the economy and society locally, by driving the economy in Northern Ireland, and globally, by assessing the costs and the benefits of different strategies to achieve net zero greenhouse gas emissions.

The position is situated within the School of Biological Sciences and the Institute for Global Food Security. will collaborate with researchers at the Agri-Food and Biosciences Institute (AFBI) as part of the QUB – AFBI Alliance and with key stakeholders in food security, agriculture, the environment or health. This position will play a vital role in interdisciplinary teaching, contributing to undergraduate (UG) and postgraduate (PGT) programs within the School of Biological Sciences. The post holder's expertise will span various domains, including leadership, the United Nations Sustainable Development Goals, environmental management, environmental assessment, economics, and life cycle analysis. It is envisaged that the post will focus on either Environmental Economics or on Environmental Assessment/Lifecycle Analysis.

By imparting their knowledge in these areas, this post holder will help nurture the skills of future generations who will serve as stewards of the environment, and experts in land use and agri-food. This investment in education aligns with our commitment to addressing pressing global challenges, fostering sustainability, and nurturing a new breed of professionals equipped to make a difference in the world, as well as contributing to the economy of Northern Ireland.

The post is expected to broaden the School and Institutes research capabilities whilst complementing our existing strengths.

## **MAJOR DUTIES:**

### **Research:**

1. Develop and contribute to the research strategies of the School and IGFS.
2. Publish research in appropriate leading journals etc. and present work at conferences.
3. Sustain a high-quality publication record by publishing in refereed journals and presenting at conferences to assist individual research, so that the School's research profile is enhanced (Established Lecturer only).
4. Develop research activities with potential for economic, societal, environmental or health impact.
5. Develop quality research proposals and funding bids, including in collaboration with others.
6. Direct, mentor and develop research staff, where appropriate.
7. Ensure that research projects are completed on time and within budget.
8. Develop the research activities of the School of Biological Sciences and IGFS by sustaining a personal research plan by managing and undertaking research activities in accordance with a specific project plan in the appropriate research team (Established Lecturer only).
9. Collaborate with others to develop a strong research programme.
10. Support postgraduate research and training programmes.
11. Undertake Continuous Professional Development.

### **Teaching:**

1. Plan, develop and deliver a range of teaching and assessment activities in degree programmes including lectures, workshops, setting/marking coursework, examinations and class tests.
2. Select appropriate assessment instruments and criteria, assess the work and progress of students by reference to the criteria and provide constructive feedback to students.
3. Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback.
4. Develop approaches to teaching and learning, which are appropriate for university and subject area and reflect developing practice.
5. Coordinate electronic delivery of teaching material.
6. Collaborate with colleagues to develop appropriate teaching approaches and contribute to curriculum development.
7. Carry out duties that are appropriate to the post as may be requested by the Head of School/Directors of Education.
8. Undertake some teaching-related administrative tasks.

### **Administration/Contribution to the Community:**

1. Contribute to QUB's outreach strategy by developing external links.
2. Develop links with relevant industries and external bodies to encourage technology 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 relevant issues are dealt with in a timely, sympathetic and effective manner.
4. Carry out designated QUB administrative duties, including, for example, committee work, course administration, assisting in the process of admissions, preparation of submission for teaching quality assessment or the REF, as required by the Head of School.

### **Planning and Organising:**

1. Plan, organise and deliver research, teaching, consultancy etc and ensure that resources are available to support these.
2. Contribute to the management of quality, audit and other external assessments.

### **Resource Management Responsibilities:**

1. Coordinating the work of others as required to ensure that courses are delivered effectively or organising the work of a team by agreeing objectives and work plans.
2. Manage resources, in support of research, teaching or outreach activities.
3. Contribute along with colleagues to the overall management of the School.

**Internal and External Relationships:**

1. Develop collaborations and networks to support the research goals of the School & IGFS.
2. Develop national/international profile.

**ESSENTIAL CRITERIA:**

1. Honours degree or equivalent in Biological Sciences/Environmental Management/Economics or an area relevant to the job purpose.
2. PhD or equivalent in an area relevant to the job purpose.
3. A minimum of 2 years post-doctoral research experience in a relevant field which complements the research priorities of the School and the Institute for Global Food Security.
4. A record of high-quality publications at an international level of excellence in internationally recognised journals as appropriate for stage of career.
5. Evidence of developing research methodologies, models, approaches and techniques that will advance the research goals of the School & IGFS.
6. Experience of presenting at national and international meetings and conferences.
7. A record of successful supervision of PGR students (Established Lecturer only).
8. Evidence of making a positive contribution to the research development of others.
9. Relevant Teaching experience at University level (commensurate with stage of career).
10. Evidence of contribution to the successful delivery, enhancements or review of particular modules.
11. Evidence of using innovative teaching methods and digital platforms.
12. Experience of delivering high quality teaching as evidenced by positive feedback received from for example: students, colleagues and external examiners.
13. Successful PhD supervision (Established Lecturer only).
14. Relevant academic administrative/management experience (commensurate with stage of career).
15. Record of and commitment to continuing professional development.
16. Excellent presentation skills with the ability to communicate complex information effectively.
17. Ability to represent the School/Institute on a national and international basis.
18. Ability to design course materials and to plan and organise the delivery and assessment of taught courses in own specialism.
19. Understanding of resource management processes and skills to apply them effectively.
20. Ability to organise workload and prioritise competing demands.
21. Ability to manage resources and staff.
22. Commitment and enthusiasm for working collaboratively to advance the teaching and research priorities of the School/Institute.
23. Must be a collegial team player who can develop effective internal and external research and where appropriate practice links.
24. Must be prepared to travel.

**DESIRABLE CRITERIA:**

1. A relevant teaching qualification/recognition such as Fellow of Advance HE.
2. Evidence of having obtained research funding from external sources.
3. Ability to be involved in productive external collaboration with industry/community organisations/other institutions.

**ADDITIONAL INFORMATION:**

Informal enquiries can be directed to: Ciaren Graham - [Ciaren.Graham@gub.ac.uk](mailto:Ciaren.Graham@gub.ac.uk).