

Job Details

Position:	Lecturer
School/Department:	School of Biological Sciences
Reference:	21/109163
Closing Date:	Monday 27 September 2021
Salary:	£37,467 - £51,799 per annum.
Anticipated Interview Date:	Monday 18 & Tuesday 19 October 2021

JOB PURPOSE:

To strengthen the academic base of School/Institute at Queen's University Belfast (QUB). To undertake research in line with the School/Institute research strategy. The post holder will also be expected to teach at undergraduate and postgraduate levels, and to contribute to the School's administration and outreach activities.

In line with our ambitious strategy, the School and Institute is seeking to make three academic appointments at either Senior Lecturer or Lecturer level in:

- Environmental Sustainability, Carbon Sequestration and Climate Change
- Integrative Systems Biology
- Artificial intelligence and Data Innovation
- Metabolomics and Biomarker Discovery

The decision to appoint at which level will be determined at interview and will be based on merit.

The Job details below are for the Lecturer role. If you consider that you meet the requirement for this role, we look forward to receiving your application. However if you are at a more advanced stage in your career and you feel you are more suitable for a Senior Lecturer role please click on the link below to review the job details for the Senior Lecturer role. **In your cover letter please ensure that you indicate which role you are applying for.**

MAJOR DUTIES:

Research:

1. Develop and plan an area of personal research and expertise, and/or undertake research under supervision within a specific research project or as a member of a research team.
2. Publish research in appropriate leading journals etc. and present work at conferences.
3. Develop research activities with potential for economic, societal, environmental or health impact.
4. Develop quality research proposals and funding bids, including in collaboration with others.
5. Direct, mentor and develop research staff, where appropriate.
6. Ensure that research projects are completed on time and within budget.
7. 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).
8. 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).

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 reasonably requested by the Head of School/Directors of Education.

Administration:

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 for and set teaching and research objectives over a number of years.
2. Plan and manage own teaching and tutorials as agreed with Head of School/Directors of Education.
3. Design/update modules in line with School's teaching strategy.
4. Plan for the use of teaching and research resources, laboratories and workshops as appropriate.
5. Submit high-quality research proposals for submission for external funding.
6. As module leader, co-ordinate with others (such as support staff or academic colleagues) to ensure student needs and expectations are met.(Established Lecturer only).

Resource Management Responsibilities:

1. Supervise research teams and projects, and manage research funds, where required.
2. Manage own teaching, research and administrative demands under general supervision of Head of School.
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. Participate in judgements regarding the use of resources within their research project/School.
6. Act as mentor for students.
7. Mentor colleagues with less experience and advise on personal development (Established Lecturer only).

Internal and External Relationships:

1. Be a member of QUB committees relevant to their administrative duties.
2. Collaborate with other staff within the School, Institute and in wider Faculty and University, and externally where appropriate.
3. Participate in and develop networks, for example to identify sources of funding, contribute to student recruitment, act as website editor, secure student placements, market the institution, facilitate outreach work, generate income, obtain consultancy projects, or build relationships for future activities.
4. Contribute to QUB outreach programmes by establishing links with local community groups, industries etc.

ESSENTIAL CRITERIA:

1. Honours degree or equivalent in Biological Science, Environmental Management, Sustainable Development, Food Science, Nutrition or an area relevant to the job purpose.
2. PhD or equivalent in an area relevant to the job purpose.
3. Research experience and profile which complements the research priorities of the School's disciplinary groupings and the Institute for Global Food Security with:
 - A minimum of 3 years research experience in a relevant field.
 - A publication record (or be about to publish) in peer reviewed journals /conference papers.
 - Research experience in one of the following areas.
 - Environmental Sustainability; Carbon sequestration; Climate Change.
 - Integrative Systems Biology.
 - Artificial intelligence and Data Innovation.
 - Metabolics and Biomarker Discovery.
4. Experience of developing research methodologies, models, approaches and techniques (Established Lecturer only).
5. Experience of presentations at national and international meetings and conferences (Established Lecturer only).
6. Relevant teaching experience commensurate with stage of career.
7. Relevant academic administrative/management experience commensurate with stage of career.

8. Ability to design course materials and to plan and organise the delivery and assessment of taught courses in own specialism.
9. Ability to advance the teaching and research goals of the School & IGFS.
10. Ability to strengthen the School & IGFS national and international education networks.
11. Good presentation skills with the ability to communicate complex information effectively.
12. Good communicator, written and oral.
13. Ability to present plans and reports to the wider academic community and non-academic audiences.
14. Ability to organise workload and prioritise competing demands.
15. Ability to manage resources and staff.
16. A team player who can develop effective internal and external links.
17. Leadership capability.

DESIRABLE CRITERIA:

1. Completion of a PGCHET (or equivalent) or HEA membership.
2. Evidence of having obtained research funding from external sources.
3. Experience of formally supervising postgraduate research students or postdoctoral research Fellows.
4. Experience of supporting commercialisation/impact development of research.
5. Sustained teaching experience at University level (Established Lecturer only).
6. Evidence of using innovative teaching methods and digital platforms.