

Candidate Information

Position:	Senior Lecturer in Biochemistry
School/Department:	School of Biological Sciences
Reference:	24/111997
Closing Date:	Wednesday 31 July 2024
Salary:	£62,087 - £71,945 per annum
Anticipated Interview Date:	Wednesday 4 September 2024

JOB PURPOSE:

To strengthen the academic base of the School of Biological Sciences and Institute for Global Food Security at Queen's University Belfast (QUB) and to enhance our international reputation for academic excellence. To undertake research in line with the School and Institute strategy, with the intention to establish and lead an independent, competitively-funded research programme in the field of Biochemistry and provide complementary expertise to allow the expansion of existing areas of strength across the School, Institute, wider University and within the Belfast Regional City Deal. To teach at undergraduate and postgraduate level, to contribute to the School's administration/outreach activity.

MAJOR DUTIES:

Research:

1. Develop and contribute to the research strategies of the School and IGFS.
2. Securing external funding as a principal investigator from nationally and /or internationally competitive sources to develop and support research programme.
3. Develop research proposals and funding bids in collaboration with others.
4. Continue to develop a record of high quality research outputs that are at an international level of excellence.
5. Sustain high quality research-related contributions through conference papers and presentations.
6. Supervise PhD students to successful completion.
7. Develop and facilitate a translational research portfolio as appropriate.
8. Collaborate with others to develop a strong research programme.
9. Develop postgraduate research and training programmes.
10. Undertake Continuous Professional Development.
11. To foster academic enterprise and knowledge transfer with industrial partners.

Teaching:

1. Provide teaching as directed in the undergraduate and postgraduate programmes in the School/Faculty.
2. Participate actively in postgraduate programmes/training within the School/Faculty as appropriate.
3. Contribute to the enhancement of quality teaching within the subject, School or Faculty, ensuring that course design and delivery comply with the appropriate benchmarks and regulations.
4. Act as internal examiner for undergraduate and postgraduate students when appropriate.
5. Supervise research project students as required by the School.
6. Undertake some teaching-related administrative tasks.

Administration/Contribution to Community:

1. Contribute to the School'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 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, assisting in the process of admissions and preparation of submission for teaching quality assessment.

ESSENTIAL CRITERIA:

1. Honours degree or equivalent in Biochemistry or an area relevant to the job purpose.
2. PhD or equivalent in an area relevant to the job purpose
3. Completion of a PGCHET (or equivalent) or HEA membership
4. Research experience in the field of Biochemistry, which complements the research priorities of the School and the Institute for Global Food Security.
5. Record of high-quality publications at an international level of excellence in internationally recognised journals.
6. Record of successfully obtaining significant research funding or other resources to underpin research, as appropriate to the discipline, through competitive national or international peer-reviewed processes as Principal Investigator.
7. Evidence of developing research methodologies, models, approaches and techniques.
8. Experience of presenting at national and international meetings and conferences.
9. Successful PhD supervision normally as Primary Supervisor
10. Substantial teaching experience at University level.
11. Evidence of contribution to the successful delivery, enhancements or review of particular modules.
12. Experience of delivering high quality teaching.
13. Evidence of using innovative teaching methods and digital platforms.
14. Contribution to a wide range of administrative tasks.
15. Evidence of academic leadership including managing professional teams, leading initiatives, chairing/participation in committees, contributing to strategy, participating and managing relevant aspects.
16. Understanding of resource management processes and skills to apply them effectively.
17. Record of and commitment to continuing professional development
18. Excellent presentation skills with the ability to communicate complex information effectively.
19. Ability to represent the School/Institute on a national and international basis.
20. Ability to be involved in productive external collaboration with industry/community organisations/other institutions.
21. Ability to provide effective leadership for groups and activities with substantial impact on finance and other resources and/or the reputation of the University.
22. Ability to organise workload and prioritise competing demands.
23. Ability to manage resources and staff.
24. Commitment and enthusiasm for working collaboratively to advance the teaching and research priorities of the School/Institute.
25. Must be a collegial team player who can develop effective internal and external research links.
26. Must be prepared to travel

DESIRABLE CRITERIA:

1. Track record of RCUK or other external research income from prestigious sources.
2. Project supervision and large class teaching; laboratory teaching.
3. Familiarity with current ideas in tertiary level teaching.