

Job Details

Position:	Senior Lecturer in Pharmaceutical Microbiomics
School/Department:	School of Pharmacy
Reference:	21/109130
Closing Date:	Monday 20 September 2021
Salary:	£52,560 - £60,905 per annum.
Anticipated Interview Date:	Monday 4 October 2021

JOB PURPOSE:

To establish and lead an independent, competitively-funded research programme in their field of expertise, and provide complementary expertise to allow the expansion of existing areas of strength across the School and wider University. 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.

MAJOR DUTIES:

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. Take responsibility for the quality of course units, 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. Develop and advise other staff on developing appropriate teaching approaches and contribute to curriculum development.
7. Act as an internal examiner for undergraduate and postgraduate students.
8. Carry out duties that are appropriate to the post as may be reasonably requested by the Head of School/Directors of Education.

Research:

1. Develop and contribute to the research strategies of the School and maintain a reputation as an expert in own subject area. Develop research activities with potential for economic, societal or health impact.
2. Sustain an extensive high quality publication record by publishing in refereed journals and presenting at national and international conferences to assist individual research, so that the School's research profile is enhanced.
3. Develop innovative research proposals and funding bids, including in collaboration with others, and lead funding bids.
4. Act as referee and contribute to peer assessment of research.
5. Direct, mentor and develop research staff, where appropriate.
6. Ensure that research projects are completed on time and within budget.

Administration/Contribution to Community:

1. Contribute significantly to the development and running of the School by taking on appropriate School co-ordinating roles. Such duties may include, for example, Advisor of Studies, Module/Year/Programme Co-ordinator or other recognised official University roles.
2. Contribute to QUB's outreach strategy by developing external links.
3. Develop links with relevant industries and external bodies to encourage technology transfer opportunities and create opportunities for future research projects.
4. 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.
5. Sit on major university committees when appropriate.
6. Carry out designated QUB administrative duties, including, for example, committee work, course administration, assisting in the process of admissions, and 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. Be involved in strategic planning for the School and may contribute to the University's strategic planning process.
3. Plan and manage own teaching and tutorials as agreed with Head of School/Directors of Education.
4. As module leader, co-ordinate with others (such as support staff or academic colleagues) to ensure student needs and expectations are met.
5. Design/update modules in line with School's teaching strategy.
6. Plan for the use of teaching and research resources, laboratories and workshops as appropriate.
7. Submit high-quality research proposals for submission for external funding.

Resource Management Responsibilities:

1. Provide academic leadership to those working within programme areas, as course leader or equivalent, by for example co-ordinating the work of others to ensure that courses are delivered effectively or organising the work of a team by agreeing objectives and work plans.
2. Develop and manage staff and resources, in support of major research, teaching and administrative activities.
3. Contribute to the overall management of the School/work unit, in area such as budget and business planning.
4. Mentor colleagues with less experience and advise on personal development.
5. Supervise research teams and projects, and manage research funds, where required.
6. Manage own teaching, research and administrative demands under general supervision of Head of School.
7. Assist in the development of skills and competence in others (for example through the supervision of research students).
8. Manage use of resources for research and teaching.
9. Participate in judgements regarding the use of resources within their research project/School.
10. Act as mentor for students in capacity of personal tutor.

Internal and External Relationships:

1. Be a member of QUB committees relevant to their administrative duties.
2. Lead and develop collaborations with other staff within the School, and in wider Faculty and University, and externally where appropriate.
3. Lead in and develop networks, for example to identify sources of funding, or liaise with external examiners.
4. Develop links with external contacts such as industry, other educational bodies, employers, and professional bodies to foster collaboration.

ESSENTIAL CRITERIA:

1. Honours degree or equivalent in pharmacy, pharmaceutical science or a closely related discipline.
2. PhD or equivalent in an area relevant to the job purpose.
3. Completion of a PGCHET (or equivalent) or HEA membership.
4. Track record of sustained, recognised excellence and reputation in subject specialism since obtaining PhD.
5. Sustained, relevant publication record in peer reviewed/refereed journals that are recognised internationally as being high quality, commensurate with experience.
6. Distinctive research profile in molecular microbiology and functional metagenomics.
7. Experience in handling metagenomics data sets and genome mining Evidence of having obtained research funding from external sources.
8. Evidence of having successful research supervision as primary supervisor, normally at PhD level, including international students.
9. Experience of developing research methodologies, models, approaches and techniques.
10. Experience of presentations at national and international meetings and conferences.
11. Substantial relevant teaching experience commensurate with stage of career, including innovative content design, delivery and assessment.
12. Evidence of contribution to the successful delivery, enhancements or review of particular modules.
13. Experience of delivering high quality teaching as evidenced by positive feedback received from for example: students, colleagues and external examiners.
14. Contribution to a wide range of administrative/management tasks at a strategic level.
15. Ability to advance the research and teaching goals of the School.
16. Ability to strengthen the School's national and international research networks.

17. Ability to negotiate contracts independently or as a leader of a section in major projects.
18. Good presentation skills with the ability to communicate complex information effectively.
19. Good communicator, written and oral.
20. Able to present plans and reports to the wider academic community and non-academic audiences.
21. Understanding of resource management processes and skills to apply them effectively.
22. A team player who can develop effective internal and external links.
23. Ability to provide effective leadership.
24. Will be required to assist with delivery at QUB external campuses from time to time, for example, in China Queen's College.

DESIRABLE CRITERIA:

1. Pharmacy degree which is registrable with the Pharmaceutical Society of Northern Ireland or the General Pharmaceutical Council (GB).
2. Experience of formally supervising postgraduate research students or postdoctoral research Fellows.
3. Experience of supporting commercialisation/impact development of research.