

Job Details

Position:	Lecturer in Pharmaceutical Microbiomics
School/Department:	School of Pharmacy
Reference:	21/109130
Closing Date:	Monday 20 September 2021
Salary:	£41,526 - £51,034 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. Develop approaches to teaching and learning, which are appropriate for university and subject area and reflect developing practice.
3. Coordinate electronic delivery of teaching material.
4. Collaborate with colleagues to develop appropriate teaching approaches and contribute to curriculum development.
5. Contribute to the enhancement of quality teaching within the subject, School or Faculty.
6. Develop and advise others on learning and teaching tasks and methods.
7. Contribute to the design of innovative teaching programmes.
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 the research activities of the School of Pharmacy by sustaining a personal research plan by managing and undertaking research activities in accordance with a specific project plan in the appropriate research team.
2. Develop research activities with potential for economic, societal or health impact.
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.
4. Develop 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.

Administration/Contribution to 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 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. 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.
6. Submit high-quality research proposals for submission for external funding.

Resource Management Responsibilities:

1. Provide Mentor colleagues with less experience and advise on personal development.
2. Supervise research teams and projects, and manage research funds, where required.
3. Manage own teaching, research and administrative demands under general supervision of Head of School.
4. Assist in the development of skills and competence in others (for example through the supervision of research students).
5. Manage use of resources for research and teaching.
6. Participate in judgements regarding the use of resources within their research project/School.
7. 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. Collaborate with other staff within the School, 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, clinical practitioners, etc.

ESSENTIAL CRITERIA:

1. Honours degree or equivalent in biological or pharmaceutical sciences, pharmacy or a closely related discipline.
2. PhD or equivalent in an area relevant to the job purpose.
3. High academic standing with a reputation in research in a relevant field since obtaining PhD.
4. Recent, relevant publications in peer reviewed/refereed journals that are recognised internationally as being high quality, commensurate with experience.
5. Distinctive research profile in molecular microbiology and functional metagenomics.
6. Experience in handling metagenomic data sets and genome mining.
7. Experience of developing research methodologies, models, approaches and techniques.
8. Experience of presentations at national and international meetings and conferences.
9. Relevant teaching experience commensurate with stage of career.
10. Relevant academic administrative/management experience commensurate with stage of career.
11. Ability to advance the research and teaching goals of the School.
12. Ability to strengthen the School's national and international research networks.
13. Ability to negotiate contracts independently or as a leader of a section in major projects.
14. Good presentation skills with the ability to communicate complex information effectively.
15. Good communicator, written and oral.
16. Able to present plans and reports to the wider academic community and non-academic audiences.
17. The ability to organise workload and prioritise competing demands.
18. Ability to manage resources and staff.
19. A team player who can develop effective internal and external links.
20. Leadership capability.
21. Must be prepared to assist with delivery at QUB external campuses from time to time, for example, in China Queen's College.

DESIRABLE CRITERIA:

1. Completion of a PGCHET (or equivalent) or HEA membership.
2. Pharmacy degree which is registrable with the Pharmaceutical Society of Northern Ireland or the General Pharmaceutical Council (GB).

3. Evidence of having obtained research funding from external sources.
4. Experience of formally supervising postgraduate research students or postdoctoral research Fellows.
5. Experience of supporting commercialisation/impact development of research.