

## Candidate Information

<b>Position:</b>	Lecturer
<b>School/Department:</b>	School of Biological Sciences
<b>Reference:</b>	18/106808
<b>Closing Date:</b>	Monday 15 October 2018
<b>Salary:</b>	£40,792 - £50,132 per annum (potential to progress to £53,175 per annum through sustained exceptional contribution)
<b>Anticipated Interview Date:</b>	Monday 5 November 2018

### JOB PURPOSE:

To strengthen and enhance the research capabilities of the School/Institute at Queen's University Belfast (QUB) in the area of Food Science/Chemistry. To foster academic enterprise and knowledge transfer with industrial partners. To undertake research in line with the School/Institute's research strategy, to teach at undergraduate and postgraduate level, to contribute to School's administration/outreach activity.

### MAIN ACTIVITIES/RESPONSIBILITIES:

The following describes the type of work that is typically required of academic staff at this level. It is not expected that anyone carries out all the activities mentioned below and some carry out additional duties.

#### 1. Research

- Develop and contribute to the research strategies of the School, including enhancing existing capabilities in food science/chemistry.
- Publish research in appropriate journals etc. and present work at conferences.
- Carry out analysis, critical evaluations and interpretations using methodologies and other techniques appropriate to area of research.
- Where appropriate, source and secure external funding in collaboration with others from the relevant funding bodies to ensure continued growth of the School's/area's research profile.
- Provide guidance to other staff and students on own specialist area.
- May work/collaborate on original research with colleagues in other institutions.

#### 2. Teaching

- Deliver teaching and assessment activities within own area of specialism including lectures, setting/marking coursework, practicals, and field work to undergraduates and postgraduates.
- Select appropriate assessment instruments and criteria, assess the work and progress of students by reference to the criteria and provide constructive feedback to students.
- Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback.
- May oversee research students as directed by Head of School.
- Supervise practical work where it is part of the course, and advise students on techniques.
- Plan and develop independent teaching contributions and contribute to the design or revision of course units.
- Help to develop appropriate teaching approaches and contribute to curriculum development.

#### 3. Administration/Contribution to Community

- Contribute to the School's outreach strategy by developing external links.
- Develop links with relevant industries and external bodies to encourage technology transfer opportunities and create opportunities for future research projects.
- 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.
- Carry out designated School functions, including, for example, participation in committee work, assisting in the process of admissions, preparation of submission for teaching quality assessment or the REF.

### PLANNING AND ORGANISING:

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

## **RESOURCE MANAGEMENT RESPONSIBILITIES**

- Mentor colleagues with less experience and advise on personal development.
- Depending on the area of work, could supervise the work of others, for example in research teams and projects.
- Manage own teaching, research and administrative demands under general supervision of Head.
- Assist in the development of skills and competence in others (for example through the supervision of research students).
- Manage use of resources for research and teaching.
- Participate in judgements regarding the use of resources within their research project/School/Institute.
- Act as mentor for students in capacity of personal tutor.

## **INTERNAL AND EXTERNAL RELATIONSHIPS:**

- Communicate complex and conceptual ideas to students as well as to peers using high level skills and a range of media.
- Member of the School Board and Examination Board and such committees relevant to their administrative duties.
- Collaborate with other academics within School/Institute.
- 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.
- Contribute to the School's outreach programme by establishing links with local community groups, industries etc.

## **ESSENTIAL CRITERIA**

- BSc in Food Science/Chemistry or related subject area.
- PhD in Food Science/Chemistry or related subject area.
- A minimum of three years' research experience at postdoctoral level in a relevant field
- Recent, relevant publications in peer reviewed/refereed journals that are at recognised internationally as being high quality, commensurate with experience.
- Research profile which complements the research priorities of the School/Institute
- Experience of developing research methodologies, models, approaches and techniques
- Experience of presentations at national and international meetings and conferences
- Relevant teaching experience at University Level.
- Relevant academic administrative/management experience
- Ability to advance the research and teaching goals of the School.
- Ability to strengthen the School/Institute's national and international research networks
- Ability to negotiate contracts independently or as a leader of a section in major projects
- Good presentation skills with the ability to communicate complex information effectively
- Good communicator, written and oral
- Able to present research and other plans and reports to the wider academic community and non-academic audiences
- The ability to organise workload and prioritise competing demands.
- Ability to manage resources and staff
- A team player who can develop effective internal and external links.
- Leadership capability
- Must be prepared to travel

## **DESIRABLE CRITERIA**

- Completion of a PGCHET (or equivalent) or HEA membership.
- Experience of supervising research activities of other Post-Doctoral Fellows or Postgraduate Students
- Evidence of having obtained funding from government or private charitable agencies to support independent research