QUEEN'S UNIVERSITY BELFAST

Candidate Information

Position: Lecturer in Epidemiology/Statistics (Nutrition)
School/Department: Institute for Global Food Security
Reference: 19/107673
Closing Date: Monday 2 September 2019
Salary: £40,792 to £50,132 per annum (potential to progress to £53,175 per annum through sustained exceptional contribution)

JOB PURPOSE:

The aim of the post is to further develop research in Nutrition & Preventive Medicine within the Institute for Global Food Security. The post-holder will bring expertise in epidemiology and statistics and have experience in the analyses of complex datasets including gut microbiome, nutritional epidemiology and metabolism. The post holder will also teach at undergraduate and postgraduate level, and contribute to the Institutes administration/outreach activity.

MAJOR DUTIES:

Teaching:

1. Provide teaching in nutrition & preventive medicine in the undergraduate programmes in the School/Faculty.
2. Actively participate in PG programmes/training within the School/Faculty.
3. Contribute to the enhancement of quality teaching within the subject, School or faculty.
4. Act as internal examiner for UG and PG students.
5. Contribute to the design of innovative teaching programmes.

Research:

1. Develop and contribute to the Institute Research Strategy, specifically around nutrition & Preventive Medicine.
2. Sustain a high quality publication record by publishing in top ranking journals in the field and presenting at conferences.
3. Secure external research funding both as a PI and Co-I from nationally and internationally competitive sources.
4. Mentor and supervise PhD and other postgraduates.
5. Collaborate with others within the Institute, Faculty and University to further develop and strengthen ongoing research in nutrition.
6. Collaborate externally with world leaders in research.
7. Ensure that research projects are completed on time and within budget.

Administration/Contribution to the Community:

1. Contribute to the School's outreach strategy by developing external links.
2. 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.
3. Carry out designated School functions, including, for example, participation in committee work,   assisting in the process of admissions, preparation of submission for REF.

Planning and Organising:

1. Plan and set realistic and measurable annual research objectives.
2. Prepare research proposals for submission for external funding and deliver high quality research outputs.
3. Plan and manage own teaching and tutorials as agreed with Head of School.
4. Design/update modules in line with School's teaching strategy.

Resource Management Responsibilities:

1. Work closely with all staff within the Institute to further build research in Nutrition & Preventive Medicine.
2. Mentor colleagues with less experience and advise on personal development.

3. Develop and manage students and resources, in support of research, teaching/outreach activities.

Internal and External Relationships:
1. Member of the School Board and Examination Board and such committees relevant to their administrative duties.
2. Collaborate with other academics within School/Institute.
3. Lead and develop national and international collaborations and networks.
4. Participate in and develop international networks, in collaboration with colleagues, particularly in relation to interdisciplinary research on food.

ESSENTIAL CRITERIA:
1. Primary Degree.
2. PhD in a related area (epidemiology/statistics).
3. A minimum of three years' research experience at postdoctoral level in conducting clinical trials and/or epidemiological-based research.
4. A Minimum of 3 years' experience in conducting statistical analyses of complex datasets.
5. Record of recent high quality publications in top nutrition research journals.
6. Research profile which complements the research priorities of the School/Institute.
7. Experience of applying cutting edge/next generation statistical methods for the analyses of complex datasets (eg gut microbiome, plant bioactive metabolism).
8. Experience of presentations at national and international conferences.
9. Experience of teaching students and /or in the supervision of students at UG and/or PG level.
10. Relevant administrative experience
11. Experience of mentoring/training colleagues/students
12. Ability to be involved in productive external collaborations
13. Clear commitment to interdisciplinary working
14. Commitment to continuing professional development
15. Ability to negotiate contracts independently or as a leader of a section in major projects
16. Good presentation skills with the ability to communicate complex information effectively
17. Good communicator, written and oral
18. Able to present research and other plans and reports to the wider academic community and non-academic audiences
19. The ability to organise workload and prioritise competing demands.
20. Ability to manage resources and staff
21. A team player who can develop effective internal and external links.
22. Leadership capability
23. Must be prepared to travel

DESIRABLE CRITERIA:
1. Experience in nutrition research
2. Experience in analyses of complex datasets (gut microbiome/plant bioactive metabolism)
3. Experience in dietary intervention trials.
4. Enthusiasm to pursue a PGCHET (or equivalent) or HEA membership.
5. Experience of supervising research activities of other Post-Doctoral Fellows or Postgraduate Students
6. Evidence of having obtained funding from government or private charitable agencies to support independent research
7. Evidence of an understanding of the analyses of complex datasets eg lipidomics, metabolomics, gut microbiome