

Candidate Information

Position:	Lecturer in Complexity Science Applied to Public Health
School/Department:	Centre for Public Health
Reference:	18/107012
Closing Date:	Thursday 3 January 2019
Salary:	£40,792 - £50,132 per annum (potential to progress to £53,175 per annum through sustained exceptional contribution)
Anticipated Interview Date:	Monday 21 January 2019

JOB PURPOSE:

The principal aims of the lecturer post are: to develop a research and teaching programme in complexity science applied to public health in an area(s) allied to the work of the Centre for Public Health (CPH) and the School of Medicine, Dentistry and Biomedical Sciences; to increase and advance the use of complexity science and associated methodologies as part of this programme; to teach at undergraduate and postgraduate level; and contribute to School and CPH administration/outreach activity.

MAJOR DUTIES:

Teaching:

1. Develop teaching methods, design modules and courses and deliver teaching and assessment activities including lectures, coursework, practicals, and fieldwork according to own area of subject specialism.
2. Develop approaches to teaching and learning which are appropriate for the subject area and reflect developing practice.
3. Contribute to the enhancement of quality teaching within the subject, School or Faculty.
4. Develop and advise others on learning and teaching tasks and methods.
5. Contribute to the design of innovative teaching programmes.

Research:

1. Develop, implement and sustain a research plan in Complexity Science applied to Public Health, including managing and undertaking research activities in accordance with the specific project plans of the appropriate research team in CPH.
2. Sustain a high quality publication record by publishing in refereed journals and presenting at conferences so that the School's and CPH's research profile is enhanced.
3. Develop research proposals and successful funding bids in collaboration with CPH researchers and other researchers and relevant practitioners.
4. Direct, coach and develop research staff, where appropriate.
5. 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. 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 submissions for teaching quality assessment or the REF.

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.
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. Prepare research proposals for submission for external funding.

Resource Management Responsibilities:

1. Mentor colleagues with less experience and advise on personal development.
2. Depending on the area of work, could supervise the work of others, for example in research teams and projects.
3. Manage own teaching, research and administrative demands under general supervision of Head of School / Director of CPH.
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 her/his research project/school.
7. Act as mentor for students in capacity of personal tutor.

Internal and External Relationships:

1. Communicate complex and conceptual ideas to students as well as to peers using high level skills and a range of media.
2. Member of the School Board and Examination Board and such committees relevant to her/his administrative duties.
3. Collaborate with other academics within School.
4. 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.
5. Contribute to the School's outreach programme by establishing links with local community groups, industries, and other potential stakeholders.

ESSENTIAL CRITERIA:

1. Primary Degree
2. PhD in a subject area related to public health, complexity, complex systems or network science
3. A minimum of three years' research experience at postdoctoral level in a relevant field
4. Recent, relevant publications in peer reviewed/refereed journals that are recognised internationally as being high quality, commensurate with experience
5. Experience and expertise in use of the methods of complexity science, complex systems or network science
6. Willingness to apply these methods in public health
7. Research profile which complements the research priorities and strengths of the School of Medicine, Dentistry and Biomedical Sciences
8. Experience of presentations at national and international meetings and conferences
9. Relevant teaching experience at University Level
10. Relevant academic administrative/management experience
11. Demonstrates sound reasoning ability and balanced judgement
12. Ability to advance the research and teaching goals of the School
13. Ability to strengthen the School's national and international research networks
14. Commitment to advancing the subject of Complexity and Public Health through research, leadership, and education
15. Good presentation skills with the ability to communicate complex information effectively
16. Good communicator, written and oral
17. Able to present research and other plans and reports to the wider academic community and non-academic audiences
18. Ability to lead and motivate others
19. Commitment to working in line with the Queen's Core Values
20. Clear commitment to interdisciplinary working
21. Team player who can develop effective internal and external research and practice links
22. Ability to undertake national and international travel and to work irregular hours as required for the role (within the context of the School's ongoing work and commitment to gender equality as an Athena SWAN Silver award holder)

DESIRABLE CRITERIA:

1. Master in Public Health or allied subject
2. Completion of a PGCHET (or equivalent) or HEA membership
3. Experience of application of complex systems and/or network science methods in public health, including for evaluation of public health interventions

4. Experience in Knowledge Transfer/Exchange activities
5. Evidence of having obtained significant external funding
6. Contribution to a wide range of community outreach programmes/ initiatives to promote the subject area of Public Health
7. Evidence of significant interaction with policy makers in designing, undertaking or reporting on research