QUEEN'S UNIVERSITY BELFAST

Candidate Information

Position: Lectureships in Computer Science
School/Department: School of Electronics, Electrical Engineering and Computer Science
Reference: 19/107857
Closing Date: Tuesday 19 November 2019
Salary: £36,914 to £51,034 per annum.

JOB PURPOSE:

The School of Electronics, Electrical Engineering and Computer Science seeks to recruit a number of Lecturers in Computer Science in the following areas of interest: Data Science, Computing Systems, Intelligent Systems and Software Engineering.

To undertake research in line with the School's research strategy, to teach at undergraduate and postgraduate level, and to contribute to School's administration/outreach activity.

MAJOR DUTIES:

Teaching:

1. Routinely communicate complex and conceptual ideas to students as well as to peers using high level skills and a range of media.
2. Develop the teaching activities of the School by pursuing new and innovative teaching approaches taking the responsibility for the quality of course units and delivering a range of teaching and assessment activities including lectures, setting/marking coursework, practicals, and fieldwork according to own area of subject specialism.
3. Contribute to the enhancement of quality teaching within the subject, school or faculty, ensuring that course design and delivery comply with the appropriate benchmarks and regulations.
4. Develop and advise others on learning and teaching tasks and methods.
5. Act as internal examiner for undergraduate and postgraduate students.

Research:

1. Develop and contribute to the research strategies of the School and maintain a reputation as an expert in own subject area.
2. Sustain an extensive track record of published research findings by publishing in refereed journals and presenting at national/international conferences.
3. Develop innovative research proposals and lead funding bids.
4. Direct, coach and develop research staff, where appropriate.
5. Ensure that research projects are completed on time and within budget.
6. Act as referee and contribute to peer assessment of research.

Administration/Contribution to the Community:

1. Contribute significantly to the development and running of the School/area by taking on appropriate School co-ordinating roles. Such duties may include, for example, Advisor of Studies, QAA Aspect Co-ordinator, Module/Year/Programme Co-ordinator or other recognised official University roles.
2. Act as mentor or appraiser to colleagues, including Teaching Assistants, advising on their personal development and ensuring that that they are meeting the standards required.
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. May sit on major University committees.
5. Contribute to the School's outreach strategy by designing or delivering Community outreach programmes and developing external links.

Planning and Organising:

1. Be involved in strategic planning for the School/work unit and may contribute to the University's strategic planning process.
2. Plan and deliver research, teaching and consultancy or similar programmes and ensure that resources are available.
3. Contribute to the management of quality, audit and other external assessments.

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.

Internal and External Relationships:
1. Lead and develop internal networks for example by participating in University committee/s.
2. Lead and develop links with external networks, for example, with external examiners and assessors.
3. Develop links with external contacts such as other educational bodies, employers, and professional bodies to foster collaboration.

ESSENTIAL CRITERIA:
1. Hold or be about to obtain a PhD in a relevant subject.
2. Research interests that are sustainable and which complement or enhance existing profile within the School and across the faculty of Engineering and Physical Sciences.
3. Recognised excellence and reputation in subject specialism.
4. Publication record in peer reviewed/referred journals or invited presentations that are REF returnable at international level commensurate with stage of career.
5. Relevant teaching experience at University level having designed new and innovative modules/pathways or assessment methods commensurate with stage of career.
6. Contribution to a wider range of administrative tasks (at a more strategic level for Senior Lecturer).
7. Contribution to a wider range of community outreach programmes/initiatives in designing and delivering innovative new programmes
8. Proven ability to plan and deliver a programme of research and develop techniques, sources of funding and/or proven skills in coaching and developing others in best practice techniques.
9. Ability to communicate complex information effectively.
10. Involvement in productive external collaboration .
11. Ability to provide effective leadership (at a more strategic level for Senior Lecturer).
12. Understanding of resource management processes and skills to apply them effectively.

DESIRABLE CRITERIA:
1. Completed PGCHET (or equivalent) with HEA membership.