



Candidate Information

Position:	Illuminate Fellowship, Faculty of Engineering and Physical Sciences
School/Department:	Faculty Office EPS
Reference:	23/110716
Closing Date:	Sunday 16 April 2023
Salary:	£43,414 - £53,353 per annum.
Duration:	The Vice-Chancellors Illuminate Fellowship is a 5-year tenure track scheme that provides you with a career pathway to a permanent Senior Lecturer post

JOB PURPOSE:

To undertake original and internationally recognised research, develop and manage major research projects in line with the University's Research and Innovation Strategy and Faculty Research Themes. Undertake the appropriate professional development and teaching activities that meet the criteria for a Senior Lecturer post on successful completion of the Fellowship. The following describes the type of work that is typically required of research fellows at this level.

Teaching and Administrative Commitment: Contribute to teaching and the associated administration with an increasing engagement in teaching activities during years three to five years up to a maximum commitment of 20% of time.

It is not expected that a suitable candidate would carry out all the activities mentioned below and some will carry out additional duties as required for research projects and within the remit of the Fellowship.

MAJOR DUTIES:

Teaching:

1. Undertake teaching and the associated administration with an increasing engagement in teaching activities during years three to five years, with a maximum commitment of 20% of time:
2. Student supervision and undertaking associated tasks within your own research specialism.
3. Responsibility for practical work where applicable, and advise students or colleagues on methods/techniques.

Research:

1. Sustain a high quality publication record by publishing in leading international peer-reviewed journals and/or monographs or edited collections as appropriate to discipline and by presenting at conferences.
2. Develop research proposals and secure the necessary funding as principal investigator/co-investigator from suitable sources, preferably UK Research Councils, to grow the research specialism and to support yourself and your own research team/colleagues, as appropriate.
3. Sustain a personal research plan by setting research targets, goals and a programme of implementation; monitor and manage project finances; manage and supervise the work of research students and assistants; and liaise with funders and other stakeholders internally and externally.
4. Develop research activities with potential for economic, societal or health impact.
5. Develop and maintain links with colleagues in national and international institutions.
6. Supervise PhD students during their research programmes and other students undertaking project/dissertation work as appropriate to the discipline.
7. Direct, mentor and develop research staff, where appropriate.
8. Ensure that research projects and detailed objectives are completed on time and within budget.

Administration/Contribution to the Community:

1. Contribute to the University's outreach strategy by developing external links.

2. Develop links with relevant research groups, industries and external bodies to encourage knowledge exchange opportunities and/or create opportunities for future research projects.
3. Support internationalisation through, for example, development of global partnerships, reputation enhancement, and student recruitment.
4. Carry out designated administrative duties appropriate to the requirements of a research role.

ESSENTIAL CRITERIA:

1. A relevant degree with a PhD (or equivalent) completed in a relevant subject.
2. Normally 2+ years recent and relevant* post-PhD experience. *Recent and relevant defined as within the past 5 years.
3. A high quality publication record, with evidence of leadership, in world leading and internationally noted peer reviewed/refereed.
4. Journal articles, books or other output forms as appropriate to discipline and that are REF returnable at 3* and 4*.
5. Specific demonstrable experience and expertise that aligns with areas of research highlighted.
6. A high academic standing for stage of career with a growing reputation in research within subject specialism.
7. Evidence of leadership in identifying and answering research questions that are sustainable and which enhance and complement the research activities of the Faculty and that of funding bodies.
8. Willingness to undertake sufficient teaching and associated administration to allow translation to an academic post at the end of the fellowship, aligned to the Terms and Conditions of the role (a total of 20% teaching and administrative duties in years 4 and 5).
9. Ability to contribute to the wider administration and management processes of the University. Aligned to the Terms and Conditions of the role.
10. Sufficient breadth and depth of knowledge of qualitative and/or quantitative research methods and techniques particularly associated with data, relevant to the type of research undertaken.
11. Appreciation of emerging issues such as sustainability, net zero, research integrity, ethnicity, diversity and inclusion.
12. Ability to manage resources.
13. Demonstrable ability to communicate complex information effectively.
14. Ability and willingness to contribute to the University's outreach programmes, in line with the Terms and Conditions of the appointment.
15. Ability to work independently with a high level of self-motivation while working effectively as part of a wider team.

DESIRABLE CRITERIA:

1. Evidence of previous successful grant funding applications.