Candidate Information

Position: Research Fellow
School/Department: School of Natural and Built Environment
Reference: 19/107652
Closing Date: Tuesday 20 August 2019
Salary: £33,199 to £39,610 per annum.
Anticipated Interview Date: Tuesday 10 September 2019
Duration: 2 years

JOB PURPOSE:

To be an active member of the research project/team assisting Prof Keeffe in the development of research proposals and the planning and delivery of the research activity within Sustainable Urbanism and/or climate change adaptation so that the overall research objectives of the School are met.

MAJOR DUTIES:

1. Develop and plan an area of personal research and expertise, and/or undertake research under supervision within a specific research project or as a member of a research team.
2. Design, develop and refine experimental apparatus, field research or experiments in order to obtain reliable data.
3. Carry out analyses, critical evaluations, and interpretations using methodologies and other techniques appropriate to area of research.
4. Present regular progress reports on research to members of the research group or to external audiences to disseminate and publicise research findings.
5. Prepare, often in consultation with supervisor, material for publication in national and international journals and presentations at international conferences.
6. Assist grant holder in the preparation of funding proposals and applications to external bodies.
7. Carry out routine administrative tasks associated with the research project/s to ensure that project/s are completed on time and within budget. These might include organisation of project meetings and documentation, financial control, risk assessment of research activities.
8. Carry out occasional undergraduate supervision, demonstrating or lecturing duties within the post holder's area of expertise and under the direct guidance of a member of academic staff.
9. Read academic papers, journals and textbooks to keep abreast of developments in own specialism and related disciplines.

Planning and Organising:

1. Plan for specific aspects of research programmes. Timescales range from 1-6 months in advance and contribute to research group planning.
2. Plan for the use of research resources, laboratories and workshops where appropriate.
3. Plan own day-to day activity within framework of the agreed research programme.
4. Plan up to a year in advance to meet deadlines for journal publications and to prepare presentations and papers for conferences.
5. Coordinate and liaise with other members of the research group over work progress.

Resource Management Responsibilities:

1. Ensure research resources are used in an effective and efficient manner.
2. Provide guidance as required to support staff and any students who may be assisting with research.

Internal and External Relationships:

1. Liaise on a regular basis with colleagues and students.

2.   Build internal contacts and participate in internal networks for the exchange of information and to form relationships for future collaboration.
3.   Join external networks to share information and ideas.
4.   Contribute to the School's outreach programme by establishing links with local community groups, industries etc.

ESSENTIAL CRITERIA:
1.   Normally have or be about to obtain a relevant PhD in Architecture or Urbanism.
2.   Masters in Architecture, Landscape Architecture or other cognate design discipline.
3.   At least 3 years relevant research experience. Preferably in the area of sustainable cities.
4.   Ability to contribute to broader management and administrative processes.
5.   Contribute to the School's outreach programme by links with industry, community groups particularly those overseas.
6.   Sufficient breadth and depth of specialist knowledge in Urbanism and of research methods and techniques to work within established research programmes.
7.   Ability to communicate complex information clearly.
8.   Ability to build contacts and participate in internal and external networks.
9.   Demonstrable intellectual ability.
10.   Ability to assess and organise resources

DESIRABLE CRITERIA:
1.   Knowledge of spatial data software.
2.   Good design skills.