



## Candidate Information

<b>Position:</b>	Research Fellow
<b>School/Department:</b>	Architecture & Planning
<b>Reference:</b>	23/111287
<b>Closing Date:</b>	Monday 9 October 2023
<b>Salary:</b>	£37,841 - £40,134 per annum
<b>Anticipated Interview Date:</b>	Tuesday 7 November 2023
<b>Duration:</b>	Fixed term for 19 months or until 30 April 2025, whichever is sooner

### JOB PURPOSE:

To be a highly productive, ambitious and collaborative member of Future Island-Island research project/team assisting in the development of research proposals and the planning and delivery of the research activity to develop climate transition roadmaps for small island communities.

The post is a critical role, and as such, successful applicants will have responsibilities in research-by-design, planning and coordination of engagement activities, collaborations with industry partners, and outreach with communities.

### MAJOR DUTIES:

1. Undertake research under supervision within a specific research project or as a member of a design-led, architecture research team.
2. Design, develop and refine research using a range of experimental models including visualising design proposals for future climate scenarios, engage in community engagement events and events with industry.
3. Carry out analyses, critical evaluations, and appraisals of design proposals experimental data and the literature using methodologies and other techniques appropriate to area of research for example.
4. Produce high quality research outputs consistent with project aims and commensurate with career stage. This will include collaborating and co-authoring with PI and project team on outputs.
5. In consultation with the project team, promote research milestones and outputs at national and international conferences and through public design exhibitions.
6. Assist grant holder in the preparation of funding proposals and applications to external bodies.
7. Carry out occasional educational supervision, demonstrating or lecturing duties within the post holder's area of expertise and under the direct guidance of a member of academic staff.
8. Undertake supplementary duties relevant to the success of the project including administrative duties and additional training and development activities as required.

### ESSENTIAL CRITERIA:

1. 2:1 degree and MArch equivalent in architectural design.
2. Normally have or be about to obtain a PhD in the field of Architecture. (NB 'About to obtain' is normally defined as within 3 months of application date).
3. Specific, relevant\* research experience to include:
  - Undertaking research in the area of sustainable design in the context of climate futures, particularly in a research-by-design context
  - Sufficient breadth or depth of specialist knowledge in planning and development and of research methods and techniques to work within own area.
  - Organising, managing, planning and running co-creation and engagement activities
  - Strong publication record commensurate with stage of career.
4. Ability to contribute to broader management and administrative processes.
5. Contribute to the School's outreach programme by links with industry, community groups etc.

6. Ability to analyse and communicate effectively.
7. Ability to contribute to method improvement where required, manage deadlines and demonstrate intellectual ability.
8. Ability to assess and organise resources.
9. Working effectively as part of a research team in the development and promotion of the research theme.
10. Ability to communicate complex information in English effectively in oral, written and visual format.
11. Ability to build relationships to develop internal and external networks.
12. Commitment to continuous professional development.
13. Flexibility to travel to remote parts of Northern Ireland i.e. Rathlin.

**DESIRABLE CRITERIA:**

1. Qualified Architect re ARB RIBA or RIAI.
2. Experience of translating research findings into materials for communicating to a variety of stakeholders and for dissemination activities, including exhibitions.
3. Knowledge of energy systems and community issues in coastal contexts.
4. Experience in the delivery of energy retrofit for buildings.
5. Working knowledge of Revit and Adobe Creative Cloud Suite.