



Candidate Information

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| Position: | Research Fellow |
| School/Department: | School of Natural and Built Environment |
| Reference: | 23/111006 |
| Closing Date: | Monday 19 June 2023 |
| Salary: | £36,333 - £39,592 per annum |
| Anticipated Interview Date: | Monday 3 July 2023 |
| Duration: | Fixed term for 22 months or until 31 August 2025, whichever is sooner. |

JOB PURPOSE:

To be a highly productive, ambitious and collaborative member of the PIPES (Pollutants in Peatlands: From Sink to Source) research project working on data collection, analysis, synthesis and preparation of papers for publication.

The post is a critical role, and as such, the successful applicant will have responsibilities in independent research, day to day lab management, collaborations, writing academic publications, and outreach.

The project will involve field and laboratory work, including analysis of peat cores and overseeing a manipulative experiment.

MAJOR DUTIES:

1. Undertake research within the PIPES research project as a member of a research team.
2. Design, develop and refine research using a range of approaches.
3. Carry out analyses, and interpretations of experimental data and the literature using methodologies and other techniques appropriate to area of research.
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 social media.
6. Assist the grant holder in the preparation of further 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. Have or be about to obtain a relevant PhD. (e.g. Physical Geography, Archaeological Science, Geology, Geo/Earth Science, Environmental Science).
(NB 'About to obtain' is normally defined as within 3 months of application date).
2. At least 3 years' relevant research experience to include:
 - Undertaking research in the area of physical geography, geology, ecology, archaeology or environmental science.
 - A proven track record of relevant analyses, and interpretations of scientific data.
 - Working effectively as part of a research team in the development and promotion of the research theme.
 - Publication record commensurate with stage of career.
3. Ability to contribute to broader management and administrative processes.
4. Contribute to the School's outreach programme by links with industry, community groups etc.
5. Practical problem solving skills, independence of thought and initiative.
6. Ability to assess and organise resources.
7. Ability to communicate complex information in English effectively in oral and written format.

8. Ability to build relationships to develop internal and external networks.
9. Commitment to continuous professional development.

DESIRABLE CRITERIA:

1. PhD with a focus on geochemistry and/or peatlands.
2. Expertise in geochemistry, pollution science or peatland science.
3. Experience of running manipulative experiments.