

Candidate Information

Position: Lecturer (Archaeological Science)
School/Department: School of Natural and Built Environment
Reference: 25/112563
Closing Date: Monday 2 June 2025
Salary: £43,605 - £47,631 per annum
Anticipated Interview Date: Wednesday 2 July 2025
Duration: Permanent

JOB PURPOSE:

To undertake research in line with the research strategy and targets of Archaeology and Palaeoecology within The School of Natural and Built Environment, The Faculty of Engineering and Physical Sciences (EPS) and in line with Queen's University vision of world class leadership and impact on society. The specific field for this post is Archaeological Science, with expertise in either biomolecular archaeology, bio-geochemistry and/or geoarchaeology. This is an exciting time to join the team in Archaeology and Palaeoecology, where the discipline has had >£6m of investment through DfE and UKRI/AHRC (CapCo and RICHES) in new facilities and equipment for globally leading state-of-the-art archaeological science. This includes renovation and enhancement of facilities in geochronology, bio-geochemistry, Micro CT and materials analysis. We seek candidates who can capitalise on this investment, with the role offering an opportunity to build a research profile for our laboratories and capitalise on the strategic opportunity these investments bring for student experience and training.

The successful applicant will primarily join the School's team in delivering the undergraduate and postgraduate programmes in Archaeology and Palaeoecology, with teaching and research experience to complement and enhance the existing cross-disciplinary programmes of the School overall. The successful applicant will be expected to complement the existing period- and methods-based expertise of the team, and contribute broadly to practical skills development and teaching in prehistoric and historic archaeology, fieldwork and theory; they may also develop specialist modules in line with the curriculum and their own research expertise. Additionally, they will be expected to recruit and supervise postgraduate research students, assist the team in the continuous improvement of curriculum content, student employability and widening the overall student experience through interdisciplinary projects, to achieve outstanding learning outcomes. They may also be required to contribute to teaching at postgraduate level across the range of disciplinary expertise and joint programmes offered by the School.

MAJOR DUTIES:

Teaching:

1. Utilise a range of teaching methods in the design and delivery of teaching and assessment activities in Archaeology and Palaeoecology which enhance student employability and reflect industry skill requirements.
2. Develop approaches to teaching and learning, which are appropriate for the subject area and deliver outstanding learning outcomes.
3. To contribute to the development of a variety of innovative teaching programmes associated with the subject specialism.
4. Supervise student research projects which may involve an extensive range of topic areas both inside and outside the post-holder's own specialist area.
5. Align personal research objectives to ensure the development of research-led teaching reflecting emerging practices and techniques. Design/update modules in line with School's teaching strategy and the development plans for the Archaeology and Palaeoecology programmes.
6. Manage all resources required to deliver a quality educational student experience and contribute to the University's international reputation and collaborations.

Research:

1. Conduct research in areas of archaeological science that complements and enhances the ongoing research of the School and Archaeology and Palaeoecology, sustaining a personal research plan by managing and undertaking research activities leading to a REF return in Archaeology (UoA 15).
2. Sustain a high-quality publication record by publishing in refereed journals and presenting at conferences to assist individual research and enhance the School's international research profile.
3. Develop research proposals and funding bids, independently or in collaboration with others as appropriate.
4. Assist with building, supervising, and sustaining a research group utilising archaeology-based facilities and research profile of staff within the School.
5. Direct, coach and develop research staff, where appropriate.
6. Ensure that research projects are completed on time and within budget.
7. Develop networks of research excellence both nationally and internationally.

Administration/Contribution to the Community:

1. Contribute to the School's outreach strategy by developing external links and supporting student recruitment.
2. Develop links with relevant external bodies to encourage knowledge transfer opportunities and create opportunities for future research projects.
3. Provide pastoral care for students within own area to ensure, as far as practicable, that all relevant issues are dealt with in a timely, sympathetic, and effective manner, including as Personal Academic Tutor if appropriate.
4. Take on administrative roles within the School as delegated by line manager, and carry out designated School functions, including, for example, participation in committee work, assisting in the process of admissions, preparation of submission for teaching quality assessment or the REF.
5. Mentor colleagues to share expertise and experience.

ESSENTIAL CRITERIA:

1. Hold a PhD in archaeology or closely cognate discipline relevant to archaeological science.
2. Professional research experience within archaeological science to include either biomolecular archaeology, bio-geochemistry and/or geoarchaeology
3. Evidence of experience in delivering high quality teaching in archaeology at undergraduate and/or postgraduate level through the medium of English.
4. Evidence of published work in relevant areas of archaeology/archaeological science in peer reviewed/refereed journals.
5. Track-record of independent research and/or significant contributions to team-led research, including high-level outcomes/outputs.
6. Provide a history, commensurate with career stage, of applying for and obtaining peer reviewed research income from research councils and other relevant funding bodies.
7. High level of analytical capability.
8. Developed plans for future research and research-funding applications.
9. Evidence of collaboration with and links to industry partners and stakeholders as appropriate.
10. Demonstrable intellectual ability and effective time management.
11. Developed English Language skills sufficient to relay complex information in English both orally and in writing.
12. Proven ability to enhance student engagement and provide support to students.
13. Proven ability to work in a team to deliver high quality teaching and research.

DESIRABLE CRITERIA:

1. Completed PGCHET or an equivalent teaching qualification.
2. Evidence of supervising research students.
3. Evidence of experience of supervising PDRAs, or demonstrable capacity to do so.
4. Experience of teaching archaeology at postgraduate level.
5. Evidence of good teaching evaluations.
6. Experience in design of new modules and assessment methods.
7. A track-record of research-led teaching.
8. A strong record of publications, commensurate with career stage, in the wider archaeological field in peer reviewed/refereed journals that are REF returnable within the UoA 15 Unit of Assessment.
9. A record of publications in relevant high SNIP journals.
10. A record of successful grant applications (e.g. UKRI, Leverhulme Trust or equivalent).
11. Successful supervision of PhD or Masters students.

12. Evidence of successful research collaboration, participation in collaborative networks or research teams.
13. Plenary or invited talks at international conferences or industry fora.

ADDITIONAL INFORMATION:

Informal enquiries can be directed to: Maarten Blaauw - maarten.blaauw@qub.ac.uk