

Post Doctoral Research Assistant– School of Law and Policing – Grade F

Job Description

Purpose

To contribute to the research activities of the Wellcome-funded Career Development Grant awarded to Dr Brenna Hassett 'Tracing Diseases of Contact at the End of Human Mobility' by leading analysis of light isotopes

Duties

1. Under the guidance of the project lead contribute to research on stable isotopes in dental tissues from human remains from Central Anatolia.
2. To prepare and interpret stable isotopic data and bring into context with previous research.
3. To contribute to scholarly publication and presentation (i.e. academic conferences).
4. Write up results of research and contribute to the production of research reports and publications.
5. Support the project lead and other members of the research team in identifying and helping to prepare bids for research grants, contributing to the writing of reports and preparation of papers for publication and preparation of presentations.
6. Assist in the supervision of student research projects and to support others in undertaking work.
7. Assist the project lead in maintaining good working relationships with external collaborators.
8. Attend project-planning, operational and steering group meetings as required.
9. To carry out any other duties appropriate to the post as determined by the project lead.
10. With regards to the nature of your role and its impact upon our students, make an active contribution to and support the improvement of the student experience.

Person Specification

Knowledge, Skills, and Behaviours (Essential)

- Experience in preparing samples, extracting collagen, and carrying out analysis of stable isotopes (Application/Interview).
- PhD in Archaeology, Forensic Anthropology or an associated subject with direct relevance to stable isotope analysis (Application).

- Knowledge and skills in computational data management (Application/Interview)..
- Knowledge of, and an appreciation of, the sensitivities involved in working with human remains (Application/Interview).
- Good presentation and communication skills as demonstrated by experience presenting research (conference /publication) (Application/Interview).
- Ability to work on individual and joint research projects and to contribute to the publication of research papers (Application/Interview).
- Excellent communication, planning, and organisations skills (Application/Interview).
- Ability to work with external partners (Application/Interview).
- Ability to work effectively in a team and on own initiative (Application/Interview).

Knowledge, Skills, and Behaviours (Desirable)

- Experience in stable isotope processing and analysis in dental tissues (Application/Interview).
- Knowledge and skills of relevant mass spectrometry operation / techniques or willingness to learn (Application/Interview).
- Experience in the modelling, interpretation, and analysis of stable isotopes in archaeological contexts or a willingness to learn (Application/Interview).
- Evidence of independent research and contribution to team research through publication record (Application).
- Knowledge and of experience working with human remains from archaeological contexts (Application/Interview).
- Background in the study of mobility, central Anatolia, or neolithic transitions more widely in terms of both theory and practice (Application/Interview).
- Turkish language skills (Application/Interview).