

Post Doctoral Research Assistant in Forens-OMICS - School/Service - Grade F

Job Description

To support the research and knowledge transfer activities of Dr Noemi Procopio in the School of Law and Policing. The main research interests of Dr Noemi Procopio includes the application of omics disciplines to forensic topics. The post holder will undertake research activities including laboratory work and bioinformatic data analyses on omics data (proteomics, metabolomics, and metabarcoding) under the direction of Dr Noemi Procopio.

Duties

1. Under the guidance of Dr Noemi Procopio devise and undertake literature and database searches to contribute to the advancements of omics analyses in forensics.
2. Provide support for systematic reviews of research literature, support qualitative research studies through data collection and handling and prepare study questionnaires and proformas.
3. Write up results of research and contribute to the production of research reports and publications.
4. Support Dr Procopio and other members of the Forens-OMICS 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.
5. Assist in the supervision of student research projects and to support others in undertaking work in the field of forens-OMICS and metabarcoding.
6. Assist Dr Procopio to maintain a good working relationship with external collaborators.
7. Undertake day-to-day management of research facilities.
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 Dr Procopio.
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)

- Recent research experience in an appropriate academic or professional setting (Application/Interview).
- Experience of conducting laboratory research (Application/Interview).
- Experience of undertaking literature reviews (Application/Interview).
- PhD in Forensic Microbiology or Forensic Omics (at least with PhD thesis submitted if title is not yet awarded) (Application).

- Ability to work on individual and joint research projects and to contribute to the publication of research papers (Application/Interview).
- Ability to work with external partners (Application/Interview).
- Excellent oral and written communication skills (Application/Interview).
- Excellent planning and organisational skills (Application/Interview).
- Ability to work effectively in a team (Application/Interview).
- High level of self-motivation and confidence (Application/Interview).
- Willingness to travel (Interview).
- An understanding of and demonstrable commitment to the University's Values of Achieving Together, Being Proud, Creating Opportunity and Supporting All, as a framework for decisions, actions and behaviours (Application/Interview).