

Post Doctoral Research Assistant – Research and Knowledge Exchange Service – Grade F

Job Description

To support the research and knowledge transfer activities of the project lead. To undertake research activities under the direction of the project lead.

Duties

1. Under the guidance of the project lead, devise and undertake experimentation laboratory work to contribute to the field of antimicrobial peptide research.
2. Provide support for reviews of research literature.
3. Provide support for systematic reviews of research literature, support qualitative research studies through laboratory data collection and handling and prepare study questionnaires and proformas.
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 in the field.
7. Assist the project lead in maintaining good working relationships with external collaborators.
8. Undertake day-to-day management of research facilities.
9. Attend project-planning, operational and steering group meetings as required.
10. To undertake COSHH risk assessments.
11. To carry out any other duties appropriate to the post as determined by the project lead.
12. 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, including conducting qualitative and/or quantitative research and undertaking literature reviews (Application/Interview).
- Demonstrable experience of relevant laboratory skills and familiarity with setting up experiments (Application/Interview).
- Experience of analysing data using statistical packages e.g. SPSS (Application/Interview).
- Undergraduate Degree in a relevant area (Application).
- PhD in a relevant area (Application).
- 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).
- 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).