

Position Description – Lecturer in Environmental Health

Updated 4 August 2025

POSITION DETAILS

College	College of Science and Engineering
Organisational Unit	Physics and Molecular Sciences
Supervisor	Dean, People and Resources (or Delegate)
Classification	Academic Teaching & Research (Balanced) Level B
Employment Type	Continuing, full-time

POSITION SUMMARY

The incumbent will join a dynamic and multidisciplinary Environmental Health team at Flinders University, renowned for its applied microbiology and toxicology research. The teams' work is grounded in strong, ongoing partnerships with industry, government agencies, community organisations, and academic collaborators, enabling the conduct of impactful, translational research that informs policy reform and drives improvements in industry practice. The team is deeply committed to solving real world public and environmental health challenges through a collaborative approach that spans disciplines including microbiology, environmental science, chemistry, public health, and engineering. Researchers benefit from access to state-of-the-art facilities, including fully equipped PC2 laboratories, advanced analytical instrumentation, and specialised capabilities for microbial and chemical analysis. The teams' culture of collaboration, innovation, and stakeholder engagement supports high-quality research that delivers tangible benefits to protect public health.

The lecturer will, under routine to general supervision, produce quality research and deliver undergraduate and/or postgraduate teaching in the broad area of environmental health (for example applied microbiology, toxicology and or human health risk assessment).

The teaching component includes the development of innovative teaching materials, multi-mode teaching delivery, including face-to-face and online, and other innovative and contemporary teaching and learning strategies, appropriate for the discipline.

Independent high-quality contributions to research and/or creative activity, through activities such as quality publications, external grant acquisition and research student supervision is expected by the incumbent.

Further, the incumbent also is expected to contribute to strengthening existing partnerships or exploring new partnerships with external stakeholders that have potential for providing improved teaching, learning and/or research outcomes for the University.

The incumbent will prioritise, coordinate, monitor workflow and provide informal day-to-day feedback to research support staff and casual academic teaching staff according to the University's policies, practices and standards.

UNIVERSITY EXPECTATIONS AND VALUES

All staff at Flinders are responsible for understanding their obligations and responsibilities as set out in the University's code of conduct and are expected to:

- demonstrate commitment to the University's values of Integrity, Courage, Innovation, Excellence and the underlying ethos of being Student Centred;
- contribute to the efficient and effective functioning of the team or work unit in order to meet the University's objectives. This includes demonstrating appropriate and professional workplace behaviours, providing assistance to team members if required and undertaking other key responsibilities or activities as directed by one's supervisor;

- promote and support an inclusive workplace culture which values diversity and embraces the principles of equal opportunity;
- perform their responsibilities in a manner which reflects and responds to continuous improvement; and
- familiarise themselves and comply with the University's Work Health and Safety, Injury Management and Equal Opportunity policies.

KEY POSITION RESPONSIBILITIES

The Lecturer in Environmental Health is accountable for:

- Planning and delivering ethical, high quality and innovative research through activities such as quality publications, external grant acquisition, scholarship and presentation that aligns with the College's areas of research strength.
- Contributing to the organisation, planning, delivery and evaluation of teaching primarily within the suite of undergraduate and/or postgraduate topics/courses in environmental health, through topic coordination, delivery of lectures, tutorials, laboratories, placements or other contemporary teaching strategies.
- Delivering inspiring and innovative teaching informed by approaches that enhance the student experience and support students with academic and/or other challenges impeding their academic progress.
- Focusing and contributing to supervision of research student programs.
- Actively participating in college internal and external quality assurance and accreditation processes.
- Actively participating in high performing multi-disciplinary teams with an education and research focus and contribute to the development of a respectful, trusting and collaborative working environment.
- Developing and maintaining strategic relationships and networks with a range of stakeholders including industry and professional associations and organisations.
- Actively contribute to the integration and management of aspects of the academic and administrative life of the College.
- Some out of hours work (including weekends) as well as rural SA, interstate and overseas travel, may be required.
- Any other responsibilities in line with the level of the position as assigned by the Supervisor and/or the University.

A National Police Certificate which is satisfactory to the University will be required by Flinders University before the successful applicant can commence in this position.

KEY POSITION CAPABILITIES

- Completion of a PhD, or equivalent qualification in an area relevant to public and environmental health (e.g. microbiology, toxicology or human health risk assessment).
- Possess, or be willing to obtain, a qualification accredited or recognised by Environmental Health Australia
- Demonstrated evidence of, or capacity to, undertake high quality teaching in a tertiary environment, including involvement in topic coordination and curriculum design.
- Demonstrated ability to develop and deliver in a variety of modes a range of topics related to environmental health both at the introductory and advanced level.
- Demonstrated evidence of a strong research track record (for career stage) in an area of environmental health that complements existing College research strengths with evidence of quality publications and attraction of external competitive grants.
- Demonstrated understanding of the nexus between teaching and learning, research and scholarship.

- Demonstrated excellent oral and written communication skills and interpersonal skills, including the demonstrated ability to establish effective relationships with staff, students and industry.
 - Demonstrated experience and successful track record in supervision of honours and higher degree students (Desirable).
- Demonstrated capacity to contribute to leadership in the area of curriculum reviews and internal and external accreditation activities. (Desirable)