

## Position Description – Lecturer in Forensic Chemistry

Updated 1/06/2023

<b>POSITION DETAILS</b>	
College/Portfolio	College of Science and Engineering
Organisational Unit	Physics and Molecular Sciences / Molecular Science and Technology
Supervisor (Title)	Dean, People and Resources (or Delegate)
Classification	Academic Teaching & Research (Balanced) Level B
Employment Type	Continuing, full-time

<b>POSITION SUMMARY</b>
<p>The College of Science and Engineering has a growing educational and research profile in the Forensic Sciences. The need exists for a member of academic staff to augment both the teaching and research in the area of forensic chemistry. This is a balanced position which requires the successful candidate to contribute to teaching, research and professional practice/industry engagement.</p> <p>The Lecturer will play a key role in the development and delivery of topics in the area of Forensic Chemistry. This includes the development of teaching materials, delivery of lectures/laboratories/tutorials, assessments or other innovative teaching and learning strategies. Case-based learning underpins delivery of teaching material at advanced levels and hence the successful candidate should have casework experience to draw on.</p> <p>The incumbent will also be asked to develop an innovative research program in Forensic Chemistry that aligns with the Colleges Research Strengths. This will be evidenced through activities such as publication, grant acquisition and student supervision. The successful candidate will also contribute to strengthening existing partnerships with organisations in the forensic science arena or exploring new partnerships with external stakeholders that have potential for providing improved teaching, learning and/or research outcomes for the University.</p> <p>The successful candidate 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.</p>

<b>UNIVERSITY EXPECTATIONS AND VALUES</b>
<p>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:</p> <ul style="list-style-type: none"> <li>• demonstrate commitment to the University's values of Integrity, Courage, Innovation, Excellence, and the underlying ethos of being Student Centred;</li> <li>• contribute to the efficient and effective functioning of the team or work unit 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;</li> <li>• promote and support an inclusive workplace culture which values diversity and embraces the principles of equal opportunity;</li> <li>• perform their responsibilities in a manner which reflects and responds to continuous improvement; and</li> </ul>

familiarise themselves and comply with the University's *Work Health and Safety, Injury Management and Equal Opportunity* policies.

*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.*

*An up to date COVID-19 vaccination may be required as a condition of employment, in accordance with the Flinders University [COVID-19 Vaccination Policy \(2022\)](#). If required, any offer of employment will be subject to the successful candidate presenting their COVID-19 Digital Certificate as evidence of vaccination or showing evidence of a valid medical exemption, where relevant.*

### KEY POSITION RESPONSIBILITIES

The Lecturer in Forensic Chemistry is accountable for:

1. Developing a high quality, internationally recognised research profile that is both innovative and relevant to the needs of the forensic science community. The research should align with the College areas of research strength as evidenced through activities such as scholarship, quality publication and external research grant acquisition.
2. Contributing to supervision of student research programs (honours and postgraduate) in Forensic Chemistry.
3. Contributing to teaching in Forensic Chemistry at undergraduate and post-graduate level. This includes planning, development and delivery of lectures, tutorials, workshops, and laboratory classes.
4. Delivering inspiring and innovative teaching enhanced by case-based learning to ensure that the delivery is relevant to current forensic science practice.
5. Developing and maintaining professional practice to enhance case-based learning and augment research projects.
6. Lead and acquire research funding from external agencies such as grant funding agencies, government, industry.
7. Lead the acquisition of key research infrastructure through externally funded programmes.
8. Ensure that professional practice and conduct is maintained.
9. Actively participating in industry engagement.
10. Any other responsibilities in line with the level of the position as assigned by the Supervisor and/or the University.

### KEY POSITION CAPABILITIES

- Completion of a PhD, or equivalent qualification, in Forensic or Analytical Chemistry.
- Demonstrated evidence of a strong research track record (for career stage) in an area aligned with research strengths in Forensic Chemistry, including evidence of high-quality publications and attraction of external competitive grants.
- Demonstrated evidence of, or capacity to, deliver high quality teaching in a tertiary environment, including involvement in topic coordination and curriculum design.
- Demonstrated understanding of the nexus between teaching and learning, research, and professional forensic practice.
- Demonstrated experience in forensic operational practice as evidenced by casework experience.
- Demonstrated capacity for successful leadership of teaching teams including topic coordination.
- Demonstrated experience and successful track record, or capacity to, supervise and mentor honours and higher degree students.
- Demonstrated capacity to contribute to leadership in the area of curriculum reviews and internal and external accreditation activities.
- Demonstrated excellent oral and written communication skills and interpersonal skills, including the demonstrated ability to establish effective relationships with staff, students and industry.