



SENIOR LECTURER IN CHEMISTRY

DEPARTMENT/UNIT	School of Chemistry
FACULTY/DIVISION	Faculty of Science
CLASSIFICATION	Level C
DESIGNATED CAMPUS OR LOCATION	Clayton campus

ORGANISATIONAL CONTEXT

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu.

The five Schools of the **Faculty of Science** offer a large and diverse range of disciplines in undergraduate and postgraduate courses. Ten Schools from other university faculties contribute to science teaching at all levels, allowing students to choose their studies from physical, biological, biomedical, behavioural, environmental, mathematical and computer sciences. The Faculty of Science has a strong research reputation. The Faculty's research spans the theoretical to the applied, contributes to new knowledge and technologies, and challenges how we interact with the world. To learn more about the Faculty of Science, please visit our website: www.monash.edu/science.

The School of Chemistry (www.monash.edu/science/schools/chemistry) is located in the Faculty of Science and is the leading Chemistry school in Australia. International ranking agencies place the school well within the top-50 worldwide. The school aspires to excellence in research and in teaching and learning and drives innovative practices in both. This is underpinned with a strong strategic alignment to industry and government, and through strong international connections and partnerships. The high-level strategic priorities of the school are focused on Energy, Sustainability and Health, with an aspiration to grow and lead in Digital Chemical Technologies. The school has recognised research strengths and capability in the fields of Synthesis and Catalysis, Materials and Nanoscience, Energy, Polymers, Chemical Biology and Health, Environmental and Analytical Chemistry, Food and Agriculture, and Chemical Education. The school is the University's custodian of the Green Chemical Futures building which was purpose-built as an education, research, and industry interface.

In seeking to increase its impact through world-leading science, the school is now looking to strengthen capability in its identified strategic areas.

POSITION PURPOSE

This position will be responsible for contributing to the research and education effort of the school, and the appointee is expected to engage and provide leadership within the University and in their discipline and profession.

The appointee will be expected to lead a research program in Chemistry that is aligned with the strategic priorities and strengths of the school, with the ultimate focus being to refine and enhance the knowledge of chemistry and science. The appointee will be required to undertake academic duties that include the delivery and administration of undergraduate and postgraduate teaching programs, and supervision of postgraduate research students.

Reporting Line: The position reports to the Head of School under broad supervision

Supervisory Responsibilities: This position may include the supervision of Postdoctoral Fellows

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of a Level C academic may include:

1. Lead and participate in innovative teaching programmes, including the preparation and development of course material, delivery of lectures, e-learning, and group teaching
2. Provide leadership in the development and delivery of new coursework in chemistry, undertake year level and unit coordination, assessment, and student consultation
3. Provide leadership in the preparation of assignments, laboratory-based exercises, examinations and other assessable coursework
4. Establish a strong independent programme of research, supported by the dissemination of research outcomes, including publications in high impact journals; supervision of undergraduate, Honours, and postgraduate students engaged in coursework and research training
5. Supervision and mentoring of Postdoctoral Fellows and Early Career Researchers
6. Apply for National Competitive Research Grants (e.g., through the Australian Research Council and/or the National Health and Medical Research Council) and access other funding sources (e.g., non-government and industry sources), both nationally and internationally
7. Establish collaborations with other research groups in the school and elsewhere at Monash, as well as more widely within Australia and internationally
8. Contribute to the administration of the school's teaching and research activities
9. Propose and develop strategic objectives for the school and participate in School, Faculty of Science and University committees
10. Contribute to the profession and discipline in a broader context (e.g., Royal Australian Chemical Institute)
11. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A doctoral qualification in Chemistry or equivalent accreditation and standing and/or recognised significant experience in the relevant discipline area.

Knowledge and Skills

2. Experience in developing course material; supervising teaching associates; conducting lectures, workshops and tutorials; and in assessment and exam marking
3. Demonstrated track record of research achievements in Chemistry, including a strong record of citations and significant publications in the highest impact chemistry and/or chemistry related journals
4. Demonstrated ability to develop an independent research program and the ability to collaborate effectively within and between disciplines and/or with industry
5. Evidence of a successful record of quality research supervision of higher degree research students, including evidence of successful completions and completion rates
6. Evidence of an ability to attract government and/or non-government research funding
7. An ability to work independently and as a member of a team. This would include an understanding of the importance of contributing to committees and working collegially within the School, Faculty and University
8. High level interpersonal skills and proven ability to establish a good working relationship with colleagues and students and to utilise and extend strong professional links with relevant industry and the community
9. A well-developed ability to convey information (written and verbal) in both teaching and research in a clear, concise and engaging manner, and capability and willingness to develop innovative and tailored educational programs
10. Demonstrated contributions to the wider academic community

OTHER JOB RELATED INFORMATION

- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted
- A current satisfactory Working With Children Check is required

GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.