

LECTURER IN PHYSICAL / ANALYTICAL CHEMISTRY

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

ORGANISATIONAL CONTEXT

At [Monash](#), work feels different. There's a sense of belonging, from contributing to something groundbreaking – a place where great things happen. You know you're part of something special and purposeful because, like Monash, your ambitions drive you to make change.

We have a clear purpose to deliver groundbreaking intensive research; a world-class education; a global ecosystem of enterprise – and we activate these to address some of the [challenges](#) of the age, Climate Change, Thriving Communities and Geopolitical Security.

We welcome and value difference and [diversity](#). When you come to work, you can be yourself, be a change-maker and develop your career in exciting ways with curious, energetic, inspiring and committed people and teams driven to make an impact – just like you.

Together with our [commitment to academic freedom](#), you will have access to quality research facilities, infrastructure, world class teaching spaces, and international collaboration opportunities.

We champion an [inclusive workplace culture](#) for our staff regardless of ethnicity or cultural background. We have also worked to improve [gender equality](#) for more than 30 years. Join the pursuit of our purpose to build a better future for ourselves and our communities – [#Changelt](#) with us.

The six 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 with the appointment of a Lecturer in the fields of Physical and/or Analytical Chemistry.

POSITION PURPOSE

A Level B academic is expected to make contributions to the teaching effort of the University and to carry out activities to maintain and develop their scholarly, research and/or professional activities relevant to the profession or discipline.

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 higher degree research students and postdoctoral fellows

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of a Level B academic may include:

1. The conduct of research through both independent and collaborative programs
2. Apply for National Competitive Research Grants (e.g., ARC, NHMRC) and other funding sources, such as Government and Industry
3. The preparation and delivery of lectures, workshops, tutorials, and laboratory classes
4. Initiation and development of subject and course material with the appropriate advice and support of more senior staff
5. Act as a Unit coordinator and/or Chief Examiner

6. Supervision of a program of study of Honours students and/or of postgraduate students engaged in course work
7. Supervision of undergraduate, Honours and postgraduate research projects
8. Consultation with students
9. Marking and assessment activities
10. Involvement in professional activity (e.g., with RACI)
11. A range of administrative functions the majority of which relate to the subjects in which the academic teaches and/or more general School activities (e.g., seminar program)
12. Attendance at school and/or faculty meetings and/or membership of committees
13. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A PhD in the sub-disciplines of Physical or Analytical Chemistry.

Knowledge and Skills

2. Proven ability, commitment, and passion for engaging in educational and research activities
3. Demonstrated track record of research achievements in the chemical sciences, including a good record of citations and significant publications in the highest impact chemistry and/or chemistry related journals
4. Evidence of an ability or the potential to attract government and/or non-government research funding
5. An ability to successfully supervise research students
6. Demonstrated strong record of teaching experience in a tertiary environment
7. 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
8. 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
9. 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

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.