

## Position Description

### Research only - Research Officer

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<b>Position No:</b>	NEW
<b>Department:</b>	Chemistry and Physics
<b>School:</b>	Molecular Sciences
<b>Campus/Location:</b>	Melbourne (Bundoora)
<b>Classification:</b>	Level A – Research Officer
<b>Employment Type:</b>	Fixed Term / Full time
<b>Position Supervisor:</b>	
<b>Number:</b>	Professor (50000693)
<b>Other Benefits:</b>	<a href="http://www.latrobe.edu.au/jobs/working/benefits">http://www.latrobe.edu.au/jobs/working/benefits</a>

Further information about:

La Trobe University - <http://www.latrobe.edu.au/about>

School of Molecular Sciences – <http://latrobe.edu.au/LIMS>

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#### For enquiries only contact:

Professor Conor Hogan TEL: 03 9479 3747 Email: [c.hogan@latrobe.edu.au](mailto:c.hogan@latrobe.edu.au)

# Position Description

## Level A - Research Officer

A Level A research-only academic is expected to contribute towards the research effort of the institution and to develop their research expertise through the pursuit of defined projects relevant to the particular field of research.

### Position Context

A 1-year research position (level A) is available in the Hogan research group, La Trobe Institute for Molecular Science, Department of Chemistry; working on bipolar electrochemistry and the development of sensors and biosensors based on electrochemistry and electrochemiluminescence.

### Duties at this level may include:

- Conduct and publish, or otherwise disseminate high quality and/or high impact research/scholarly activities under limited supervision either independently or as part of a team.
- Develop a limited amount of research related material for teaching or other purposes with appropriate guidance from more senior staff.
- Assist in the management of postgraduate and undergraduate research students.
- Participate in professional activities including presentations at conferences and seminars in field of expertise.
- Provide advice within the field of the employee's research to Honours and postgraduate students.
- Attendance at meetings associated with research or the work of the unit to which the research is connected and/or at Departmental or School meetings and/or membership of a limited number of committees.
- Acquire and interpret research data and results. Run analyses and tests using specified and agreed techniques and models. Contribute to the development of techniques, models and methods.
- Contribute to and uphold a robust and ambitious research culture.
- Attend Open Day, graduations, and other student events as required.
- Provide service to the profession and/or discipline through professional association memberships.
- Undertake limited administrative functions primarily connected with the area of research.
- Undertake other duties commensurate with the classification and scope of the position as required by the Head of Department or Head of School.

### Key Selection Criteria

#### ESSENTIAL:

- A high level of knowledge and expertise in electrochemistry.
- Completion of a PhD in Chemistry, and evidence of participation in higher level study relevant to discipline or professional area.

- A record of significant contribution to publications, conference papers and other professional or technical contributions, which provide evidence of research potential.
- Experience in the generation, analysis and modelling of data.
- Effective oral and written communication skills, including the ability to interact effectively with people from a diverse range of backgrounds.
- Demonstrated ability to work as a member of a team in a cooperative and collegial manner.
- Demonstrated high level of self-motivation and personal management skills.

Technical Expertise:

- Expertise in electroanalytical techniques especially voltammetric methods.
- Practical skills related to the development and fabrication of chemical sensors / biosensors.

**DESIRABLE:**

- Basic knowledge of bipolar electrochemistry
- Basic knowledge of electrochemiluminescence
- Experience with the operation of inkjet materials printer

**Other relevant information:**

- The position description is indicative of the initial expectation of the role and subject to changes to University goals and priorities, activities or focus of the job.

**Essential Compliance Requirements**

To hold this La Trobe University position the occupant must:

- hold, or be willing to undertake and pass, a Victorian Working With Children Check; AND
- take personal accountability to comply with all University policies, procedures and legislative or regulatory obligations; including but not limited to TEQSA and the Higher Education Threshold Standards.

**La Trobe Cultural Qualities**

Our cultural qualities underpin everything we do. As we work towards realising the strategic goals of the University, we strive to work in a way, which is aligned to our four cultural qualities:

- We are **Connected**: We connect to the world outside — the students and communities we serve, both locally and globally.
- We are **Innovative**: We tackle the big issues of our time to transform the lives of our students and society.
- We are **Accountable**: We strive for excellence in everything we do. We hold each other and ourselves to account, and work to the highest standard.
- We **Care**: We care about what we do and why we do it. We believe in the power of education and research to transform lives and global society. We care about being the difference in the lives of our students and communities.

For Human Resource Use Only

Initials:              Date: