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| **Position Description** |

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| **Research only – Research Fellow** | |
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| **Position No:** | NEW |
| **Department:** | Chemistry and Physics |
| **School:** | Molecular Sciences |
| **Campus/Location:** | Melbourne (Bundoora) |
| **Classification:** | Level B – Research Fellow |
| **Employment Type:** | Fixed Term / Full time |
| **Position Supervisor:**  **Number:** | Associate Professor (50000693) |
| **Other Benefits:** | <http://www.latrobe.edu.au/jobs/working/benefits> |

Further information about:

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

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

**For enquiries only contact:**

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| **Position Description** |

**Level B – Research Fellow**

A Level B research only academic is expected to carry out independent and/or team research within the relevant field and carry out activities to develop their research expertise relevant to the particular field of research.

**Position Context**

A 1-year research position (level B) is available in the Hogan research group, La Trobe Institute for Molecular Science, Department of Chemistry; working on the development of mobile phone-based sensors for applications in the wine industry.

**Duties at this level may include:**

* Conduct and publish, or otherwise disseminate high quality and/or high impact research as a member of a team or independently and produce conference/seminar papers and publications from that research.
* Contribute to writing up research findings for publication and dissemination.
* Contribute to the preparation or, where appropriate, individual preparation of research proposal submissions to external funding sources.
* Engage with industry and community to ensure that all research results are communicated and adopted by industry, community and/or government.
* Co-supervise or, where appropriate supervise Higher Degree by Research (HDR) postgraduate students as required.
* Supervise research support staff involved in the staff member's research.
* Develop a limited amount of research related material for teaching or other purposes.
* Contribute to a robust and ambitious research culture.
* Contribute to the activities of the department and school, as agreed with the supervisor and as consistent with the requirements of any external contracts relating to funding of the position.
* Attend to effective and efficient performance of allocated leadership and administrative functions primarily connected with the area of research.
* Serve on committees at the School or Program level and contribute to committees at the Department/School or College level as required.
* Involvement in continuing education for the profession or the community.
* Contribute to building relationships at local and national level.
* 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:**

* Completion of a PhD or equivalent qualifications or research experience.
* A record of publications, conference papers and/or reports, or professional or technical contributions, which provide evidence of strong research potential.
* Demonstrated ability to supervise, or co-supervise, Honours, Masters and/or PhD students.
* Sound analytical skills with an ability to communicate complex information clearly both orally and in writing.
* High-level organisational skills: the ability to set priorities, meet deadlines, initiate and follow-up actions, all with minimal or no supervision.
* Demonstrated ability to work collaboratively and productively with staff and students from a diverse range of backgrounds.
* Ability to liaise effectively with a range of collaborators nationally and/or internationally and with industry partners.
* Evidence of the ability to work as a member of a team in a co-operative and collegial manner.
* Demonstrated high level of self-motivation and personal management skills.

Technical Expertise:

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

**DESIRABLE:**

* A basic knowledge of electronics and data acquisition;
* A knowledge of programming languages (especially Android and python).
* Specific expertise in printing electrochemical sensors.
* Experience in the preparation of research proposal submissions to external funding bodies and evidence of success in securing research funding

**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.