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| **Position Description** |

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| **Lecturer, Mathematics and/or Statistics** | |
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| **Position No:** | New |
| **Business Unit:** | Provost |
| **Division:** | School of Computing, Engineering and Mathematical Sciences |
| **Department:**  **Classification Level:** | Mathematical and Physical Sciences  Level B Teaching & Research |
| **Employment Type:** | Full-Time, Continuing |
| **Campus Location:** | Bendigo |
| **Other Benefits:** | <http://www.latrobe.edu.au/jobs/working/benefits> |

Further information about:

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

**Position Context/Purpose**

This position is located in the Department of Mathematical and Physical Sciences, part of the School of Computing, Engineering and Mathematical Sciences on the Bendigo campus. The school has three departments: Computer Science and Information Technology, Engineering, and Mathematical and Physical Sciences on both Melbourne (Bundoora) and Bendigo campuses. The school hosts three Research Centres: the Centre for Technology Infusion (CTI), the CISCO Latrobe Centre for Artificial Intelligence and Internet of Things, and the Centre for Materials and Surface Science, and one Research Node: the Cybersecurity Innovation Node. The school has a reputation for innovative course design, the maintenance of a supportive student-centered learning environment and an outstanding research profile. The school offers a range of general and specialist undergraduate and postgraduate courses that are rigorous, attuned to emerging trends and taught by staff at the forefront of their fields.

The Department of Mathematical and Physical Sciences is comprised of active teaching and research staff across the broad disciplines of applied mathematics, pure mathematics, statistics, and physics. The department offers undergraduate majors in mathematics, statistics, data science, and physics, and also provides many important subjects that are undertaken by students from a diverse range of courses and disciplinary backgrounds (eg. engineering, life sciences, education). Several members hold national and other teaching awards. The Australian Research Council’s Excellence in Research for Australia (ERA2018) ranks the Department’s mathematical sciences as ‘above world standard’, and physical sciences research as ‘well above world standard.’

A Level B teaching and research academic is expected to make a contribution to the discipline at the national level. They will develop curriculum, teach and undertake research or other scholarly work relevant to the development of their discipline or professional field.

We welcome applications from a diversity of backgrounds and encourage individuals who have had work experience in industry or government labs to apply.  La Trobe is a participant in the Athena SWAN Charter to enhance gender equality in Science, Technology, Engineering, and Mathematics disciplines. As such, we especially encourage female applicants to apply.

**Bendigo Campus**

The campus is located in the vibrant, highly connected regional City of Greater Bendigo, which has a population of approximately 100,000 and is growing at a rate above the national average. Bendigo is two-hours from central Melbourne, by car or public transport.

Bendigo is La Trobe's second largest campus with over 5000 local and international students and nearly 400 full time employees. The campus occupies 33 hectares of land approximately 3km from Bendigo's CBD.

**Duties at this level will include:**

* Contribute to cross-disciplinary teaching development and delivery across the Department and School as required.
* Participate in innovative subject level curriculum design, development and review.
* Support career aspirations of students and assist in getting students work-ready.
* Conduct innovative and high impact research and produce high quality publications resulting from that research.
* Obtain research funding from grants, contracts, and consultancies, individually or as part of a team.
* Supervise Higher Degree by Research (HDR), honours and postgraduate students.
* Contribute to La Trobe’s Scholarship of Teaching (SoLT) and disciplinary teaching pedagogy and research.
* Contribute to knowledge and knowledge transfer, at a local and/or nationally significant level.
* Design, coordinate and teach subjects and courses in the field of mathematics and/or statistics which provide a high-quality learning experience that engages undergraduate, honours and postgraduate students.
* Contribute to a robust and ambitious research culture.
* Contribute to building links between La Trobe and industry, in the field of mathematics and/or statistics or data science.
* Represent the discipline/program or school at external events.
* Contribute to building relationships at local and national level.
* Perform allocated administrative functions effectively and efficiently.
* Serve on committees at the school or program level and contribute to committees at the Department or School-level as required.
* Undertake other duties commensurate with the classification and scope of the position as required by the Head of Department or Dean of School.

**Essential Criteria**

**Skills and knowledge required for the position**

* A PhD in a relevant discipline or equivalent experience.
* Demonstrated effectiveness in teaching.
* Ability to mentor and supervise undergraduate, honours and postgraduate students.
* Produce research outputs that contribute to the department’s research strengths in mathematics, statistics and data science.
* Demonstrated ability to participate in or lead research projects and/or engage with industry or government organisations.
* Strong record of research publication, with evidence of quality and impact, relative to opportunity.
* Experience in the preparation of research proposals submitted to external funding bodies.
* Demonstrated ability to work collaboratively and productively with staff, students, and external stakeholders from multi-disciplinary domains.
* Demonstrated ability to work independently.

**Capabilities required to be successful in the position**

* Ability to work collaboratively, recognise the value of diversity and model accountability, connectedness, innovation and care.
* Ability to think creatively, explore new ideas and respectfully challenge existing practices in order to improve current ways of working.
* Ability to cultivate and create space for creativity, continuously reviewing and identifying improvements to local work practices.
* Ability to build a culture of continuous improvement, implementing ideas generated by team members.

**Desirable**

* Graduate Certificate in Higher Education or similar evidence of professional preparation for Higher Education teaching.

**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.

**Other 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.

**Position Flexibility**

La Trobe University is committed to providing a diverse, inclusive and respectful working environment for all staff. We offer flexible work arrangements that can assist you in balancing your work and other responsibilities.

**Why La Trobe:**

* Develop your career at an innovative, global university where you’ll collaborate with community and industry to create impact.
* Enjoy working on our inspiring and stunning campuses – the perfect hub for industry, students and academics
* Help transform the lives of students, partners and communities now and in the future

This is more than just a job. Working at La Trobe offers opportunities to demonstrate excellence and transform lives.

Here, you’ll join exceptional people, partners and communities, who power our operations with ambition and purpose.

We are forward-looking and culturally inclusive. We continuously review, improve and transform our processes to embrace new, flexible approaches. That means you’ll always have the opportunity to succeed and make a difference.

**La Trobe’s Cultural Qualities:**

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Initials: Date: