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| **Position Description** |

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| **Senior Lecturer in Mathematics and/or Statistics** | |
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| **Position No:** | 50001719 |
| **Business Unit:** | Office of the Provost |
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| **Division:** | School of Computing, Engineering and Mathematical Sciences |
| **Department:**  **Classification Level:** | Mathematical and Physical Sciences  Level C 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.’

The department has a variety of key areas of research strength reflected by several ARC Discovery Projects being based in the department. Both the school and department foster collaborative projects across disciplines. We are therefore seeking a mathematician, statistician or data scientist who can bring together disparate groups and fields and contribute to teaching and research in their relevant 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:**

* Design, coordinate and teach subjects and courses which provide a high quality learning experience that engages undergraduate, honours and postgraduate students.
* Provide leadership and mentoring to others in subject or course level curriculum design and development and delivery of teaching.
* Conduct and lead innovative and high impact research and produce conference and seminar papers and publications resulting from that research.
* Contribute to building a robust and ambitious research culture within La Trobe.
* Supervise Higher Degree by Research (HDR), honours and postgraduate students.
* Obtain necessary research funding from contracts/grants/consultancies.
* Attend to effective and efficient performance of allocated leadership and administrative functions primarily connected with the position.
* Undertake other duties commensurate with the classification and scope of the position as required by the Head of Department or Dean of School.
* Produce research outputs that contribute to the department’s research strengths in mathematics, statistics and data science, and also to other areas as a collaborator within multi-disciplinary teams.
* Teach and coordinate mathematics, statistics and data science undergraduate and postgraduate subjects.
* Supervise Higher Degree by Research (HDR), honours and postgraduate statistics and data science students.
* Provide course-level leadership, such as course coordination and contributing to course accreditation and evaluation, to ensure policy compliance and an outstanding student experience in undergraduate and postgraduate programs.
* Obtain research funding from competitive grants and/or contracts with industry partners.

**Essential Criteria**

**Skills and knowledge required for the position**

* Completion of a PhD or equivalent accreditation and standing recognised by the University/profession as appropriate for the relevant discipline area.
* Demonstrated effectiveness in curriculum development and teaching with a commitment to excellence in teaching.
* Demonstrated capacity to provide leadership at course/program/research group or similar level.
* Proven ability to mentor and supervise undergraduate, honours and postgraduate students.
* Strong record of research publication, with appropriate evidence of quality and impact.
* Demonstrated record of achievement as a leading practitioner with a reputation for skills, knowledge and expertise at a state/national level.
* Success in obtaining research funding from grants/contracts/consultancies.
* Demonstrated ability to work as a member of a team in a co-operative and collegial manner.

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

* Knowledge of own strengths, weaknesses and biases – modifying behaviour, based on self-reflection and feedback, to respond to others with empathy and act on feedback to improve knowledge, skills and behaviour.
* Ability to work collaboratively, demonstrate inclusivity and tailor communication in a way that is meaningful to the audience – consistently modelling accountability, connectedness, innovation and care.
* Demonstrated creative and critical thinking, ability to generate ideas to solve local problems and recommend improvements to current work practices.
* Ability to align individual and University goals and create a safe, inclusive, high-performing culture – modelling and enabling accountability, connectedness, innovation and care.

**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:**

Text, letter

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Initials: Date: