



**Australian
National
University**

Position Description

College/Division:	ANU College of Science (CoS)
Faculty/School/Centre:	Mathematical Sciences Institute (MSI)
Department/Unit:	
Position Title:	Lecturer
Classification:	Academic Level B
Position No:	
Responsible to:	Associate Director - Education

PURPOSE STATEMENT:

A Level B Academic (Teaching and Research) will contribute to the strategic goals of the Mathematical Sciences Institute (MSI) through excellence in independent research, undergraduate and graduate teaching, higher degree student supervision and outreach activities.

KEY ACCOUNTABILITY AREAS:

Position Dimension & Relationships:

A level B Academic is responsible for contributing to enhancing the academic discipline and the strategic direction of the School, through establishing and maintaining excellence in research, teaching and professional activities within the University, and within the community, at both a scholarly and general level.

Role Statement:

Specific duties required of a **Level B Academic** may include:

- Undertake independent research in an area of the Mathematical Sciences with a view to publishing original and innovative results in refereed journals, present research at academic seminars and at national and international conferences, and collaborate with other researchers at a national and/or international level
- Actively seek and secure external funding including the preparation and submission of research proposals to external funding bodies.
- Build research networks to interact and actively seek collaborative research opportunities, including (but not limited to) joint student supervision, offering training courses and exploring joint research projects.
- Contribute to the teaching activities of the School at the undergraduate and graduate levels. This includes, but is not limited to, the preparation and delivery of lectures and tutorials, the preparation of online material, marking and assessment, consultations with students, acting as subject coordinators and the initiation and development of course/subject material.
- Supervise students working on individual or group projects at undergraduate, honours, graduate-coursework levels. Assist with supervision of research students.
- Co- supervise Postdoctoral Fellows and research support staff in your research area.
- Proactively contribute to all aspects of the operation of the School and College. This may include representation through committee memberships.
- Assist in outreach activities including to prospective students, research institutes, industry, government, the media and the general public.
- Maintain high academic standards in all education, research and administration endeavours.
- Comply with all ANU policies and procedures, and in particular those relating to work health and safety and equal opportunity.
- Other duties as required consistent with the classification level of the position.

Skill Base

A Level B Academic shall have qualifications and/or experience recognised by the institution as appropriate for the relevant discipline area.

In many cases a position at this level will require a doctoral or masters qualification or equivalent accreditation and standing.

In determining experience relative to qualifications, regard is had to teaching experience, experience in research, experience outside tertiary education, creative achievement, professional contributions and/or to technical achievement.

SELECTION CRITERIA:

1. A PhD in Mathematics or Statistics or a related area, with a track record of independent research in the field of Mathematical Sciences as evidenced by publications in peer-reviewed journals and conferences, a record of developing and maintaining collaborations and by other measures such as awards, invitations to give talks at leading conferences etc.
2. Ability to carry out innovative research contributions at the international level as demonstrated by published work.
3. An ability and commitment to attract external funding, including fellowships, to support individual and collaborative research activities, as well as a commitment to organise and participate in conferences, workshops and graduate courses.
4. Demonstrated commitment to excellence in education/teaching at the undergraduate and/or postgraduate levels; with an ability to supervise higher degree research students, postdoctoral fellows and a research team.
5. Demonstrated ability to work as part of a team and a commitment to contribute to the strategic direction of the discipline area, School and the University.
6. Excellent communication skills both oral and written as well as interpersonal skills to effectively to build rapport with staff, visitors and students.
7. A demonstrated understanding of equal opportunity principles and a commitment to the application of these policies in a University context.

Supervisor/Delegate Name:	Peter Bouwknecht	Date:	12/11/2019
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References:

[Academic Minimum Standards](#)



**Australian
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Position Description

College/Division:	ANU College of Science (CoS)
Faculty/School/Centre:	Mathematical Sciences Institute (MSI)
Department/Unit:	
Position Title:	Senior Lecturer
Classification:	Academic Level C
Position No:	
Responsible to:	Associate Director - Education

PURPOSE STATEMENT:

A Level C Academic (Teaching and Research) will make a significant contribution to the strategic goals of the Mathematical Sciences Institute (MSI) through excellence in independent research, undergraduate and graduate teaching, higher degree student supervision and outreach activities.

KEY ACCOUNTABILITY AREAS:

Position Dimension & Relationships:

A Level C Academic is responsible for enhancing the academic discipline and contributing to the strategic direction of the School, through maintaining excellence in research, teaching and professional activities within the University, and within the community at both a scholarly and general level.

Role Statement:

Specific duties required of a **Level C Academic** may include:

- Undertake high impact independent research in an area of the Mathematical Sciences with a view to publishing original and innovative results in international refereed journals, present research at academic seminars and at national and international conferences, and collaborate with other researchers at a national and/or international level.
- Actively seek and secure external funding including the preparation and submission of research proposals to external funding bodies.
- Build research networks to interact and actively seek collaborative research opportunities, including (but not limited to) joint student supervision, offering training courses and exploring joint research projects.
- Make a strong contribution to the teaching activities within the School at the undergraduate and graduate levels. This includes, but is not limited to, the preparation and delivery of lectures and tutorials, the preparation of online material, marking and assessment, consultations with students, acting as a subject coordinator, the initiation and development course/subject material and actively lead overall curriculum development in the discipline.
- Supervise students working on individual or group projects at undergraduate, honours, graduate-coursework levels. Supervision of research students.
- Co- lead, mentor and develop early career academic and research support staff in your research area.
- Proactively contribute to all aspects of the operation of the School and College. This may include representation through committee memberships
- Lead outreach activities including to prospective students, research institutes, industry, government, the media and the general public.
- Maintain and actively promote high academic standards in all education, research and administration endeavours.
- Comply with all ANU policies and procedures, and in particular those relating to work health and safety and equal opportunity.
- Other duties as required consistent with the classification level of the position.

Skill Base

A **Level C Academic** will normally have advanced qualifications and/or recognised significant experience relevant discipline area. A position at this level will require a doctoral qualification or equivalent accreditation and standing.

In determining experience relative to qualifications, regard is had to teaching experience, experience in research, experience outside tertiary education, creative achievement, professional contributions and/or to technical achievement.

In addition a position at this level will normally require a record of demonstrable scholarly and professional achievement in the relevant discipline area.

SELECTION CRITERIA:

1. A PhD in Mathematics or Statistics or a related area, with a strong track record of independent research in the field of Mathematical Sciences as evidenced by cited publications in peer-reviewed journals and conferences, a record of developing and maintaining collaborations and by other measures such as awards, invitations to give talks at leading conferences etc.
2. An ability to carry out innovative research contributions at the international level as demonstrated by a substantial body of published work.
3. An ability to attract external funding and fellowships, and a commitment to organise and participate in conference, workshops and graduate courses.
4. Demonstrated commitment to excellence in education/teaching at the undergraduate and/or postgraduate levels; with an ability to supervise higher degree research students, postdoctoral fellows and a research team.
5. Demonstrated ability to lead and work as part of a team and to meet deadlines, as well as a commitment to organise and participate in conferences, workshops and graduate courses.
6. Evidence of a commitment and contribution to the strategic direction and education agenda of the discipline area, School and the University.
7. Excellent communication and leadership skills, as demonstrated through the supervision and nurturing of higher degree research students, postdoctoral fellows and research teams.
8. A demonstrated high-level understanding of equal opportunity principles and a commitment to the application of these policies in a University context

Supervisor/Delegate Name:	Peter Bouwknegt	Date:	12/11/2019
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References:

[Academic Minimum Standards](#)