



Senior Lecturer

Employer	Monash University Malaysia
School/ Unit	School of Science
Area of Specialisation/ Sub-Unit	Statistics
Level/ Classification	Level C
Employment type	Full time
Work location	Malaysia
Date document created or updated	2/10/2017

Organisational context

Established in 1998, Monash University Malaysia is one of Malaysia's most respected universities. We are Monash University's global foot print in the Asian region, carrying with us the distinction of being the Malaysian constituent of a premier research intensive Australian university ranked among the top 100 universities in the world, and a member of Australia's prestigious Group of Eight (Go8). From humble beginnings, Monash Malaysia has grown in stature, and is now recognized as a leader in the international higher education sector in Malaysia.

As a self-accrediting University, we attract students not just from Malaysia, but from all over the world. Approximately 7,500 students representing almost 70 nationalities are currently enrolled at Monash Malaysia, and enjoy a quality academic experience.

Since our inception, Monash Malaysia has built a reputation for quality, credibility and integrity, and is held in high esteem by our students, alumni, industry and government. We encourage critical thinking to help discover new ideas, reveal new perspectives and devise solutions. We maintain a long and proud tradition of excellence in education, combined with liberal values of enquiry, providing a fertile environment for bright young minds to flourish, and life-long opportunities for those wishing to enhance their education and career.

For further information see: www.monash.edu.my.

Faculty of Science

One of ten faculties at Monash, and one of the largest science faculties in Australia, Science has a total enrolment of approximately 3,500 students. Six schools offer a large and diverse range of disciplines in undergraduate and postgraduate courses. Ten departments from other Monash faculties contribute to science teaching at all levels, allowing students to choose their studies from physical, biological, biomedical, behavioural, environmental, mathematical and computer sciences.

The faculty's mission is to provide innovative, comprehensive and student-centred programs in science education, and to conduct highly original and significant research to the best international standards. Schools in the Faculty of Science include:

- Clayton campus:
 - School of Biological Sciences
 - School of Chemistry
 - School of Earth, Atmosphere and Environment
 - School of Mathematical Sciences
 - School of Physics and Astronomy
- Malaysia campus
 - School of Science

The School of Science currently has 3 discipline areas:

- Biological Sciences
- Food and Physical Sciences
- Medical Sciences

The School with dedicated staff from different countries offers highly competitive student-centred academic programs with a strong commitment to innovative research and life-long learning. Currently, there are approximately 700 students studying in the School.

A range of undergraduate academic programs are offered in the School of Science. The School also offers honours programs and postgraduate programs leading to the degrees of Master of Science (MSc) and Doctor of Philosophy (PhD).

The School undertakes research to international standards and also hosts the campus-wide Tropical Medicine and Biology Multidisciplinary Platform that includes a state-of-the-art genomics facility and the Tropical Biology Education Strength.

Position purpose

Applicants with a PhD in Statistics are invited to apply for this position. A Senior Lecturer is expected to make significant contributions to the teaching effort of the discipline, school, campus, faculty and university. An academic at this level is also expected to play a major role in scholarship, research and/or professional activities.

- **Reporting line:** The position reports to the Head of Discipline.
- **Supervisory responsibilities:** As assigned.
- **Financial delegation and/or budget responsibilities:** Nil.

Key result areas and responsibility

The key result areas of Research, Teaching and Service are the basis for the primary duties and responsibilities of the role. A workload will be agreed annually with the Head of School in the Performance Development Plan process. Other duties may be required from time to time as directed by the Head of School.

Research

- Conduct independent research and act as principal investigator and project leader.
- Enhance the University's international reputation through research publications of appropriate quantity and quality, and contribute to worldwide debates at regional and international conferences.
- Obtain external research earnings through carefully prepared and successful grant applications as well as identifying potential income-generating programs and collaborative partnerships.
- Contribute to enhancing the quality and quantity of multiple-disciplinary research at the University in an area related or complementary to existing research priorities.
- Leading the supervision of research projects, manage dedicated research staff and postgraduate research students.
- Contribute to maintaining a collegial working atmosphere and stimulating research environment that will attract further research staff and HDR students of the highest quality.
- Biostatistical approach to research.

Teaching

- Prepare, review and deliver lectures, tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and/or studio sessions and seminars.
- Contribute in course coordination and developing curriculum, course materials and learning activities for undergraduate and postgraduate course/unit in which the academic teaches.
- Design and execute formative and summative assessment including marking that is aligned with student learning outcomes.
- Contribute to the scholarship of learning and teaching (including curriculum and student engagement) within the discipline.
- Supervise the program of study of honours students and of postgraduate students engaged in course work.
- Provide feedback to students on their learning through student consultations.
- Undertake administrative responsibilities primarily connected with units in which the academic teaches including course review, admission and accreditation processes.

Service

- Share in academic service responsibilities, including contributing to outcomes of the discipline and/or school meetings and/or internal campus committees.
- Foster strong engagement with the profession, industry, professional bodies and general community.
- Contribute to the development of collaborative linkages with Malaysian and regional agencies, institutions and industry.
- Contribute to the overall strategic planning and academic management of the School.
- Contribute to the development of other academic staff through mentoring, coaching and effective supervision.

Key selection criteria

Essential

1. PhD or equivalent in the area or a closely related discipline.
2. An established research agenda and established track record in research publications in the relevant discipline.
3. Evidence of successfully attracting competitive funding for research activities.
4. Demonstrated evidence of a high standard of teaching in the relevant field at tertiary level.
5. Demonstrated experience in supervising HDR students.
6. Demonstrated evidence of engagement and/or collaboration with colleagues in teaching and research.
7. Demonstrated evidence of good oral and written communication skills.
8. Good interpersonal skills and demonstrated ability to work with students and staff from a diverse range of backgrounds.
9. Commitment to the academic discipline and to service to the University, the wider community and the profession.

Desirable

10. Demonstrated evidence of the use of technology and innovation to enhance teaching and research.

Other job related information

Participation in key events for the Campus and School, as required:

- Monash Open Day and Graduation Ceremonies.
- Campus enrolment and induction sessions as the School's representative.
- Campus, School and Discipline functions that may take place after normal office hours.