

Position Description

Associate Research Fellow



Details

Area	Faculty of Health
Team	Office of the Executive Dean
Employment	Fixed-Term / Full-Time or Part-Time
Location	Burwood Campus
Classification	Level A
Reports to	Professor Liliana Orellana

Deakin

Deakin is a Victorian university with a global impact. We are agile and innovative, and committed to making a positive impact through our excellence in education and research and the contributions we make to the wider community.

Our reputation has been built on the dedication and expertise of our staff. We offer a dynamic, diverse and inclusive working environment with opportunities to grow and develop careers. We believe that a progressive, thriving culture will ensure people choose to come, and stay at Deakin and contribute to our ongoing success.

As one of Australia's largest universities, Deakin has strong global linkages, world-class research and an education portfolio that blends the best of campus and digital delivery into a highly supportive and personalised student experience.

We offer outstanding education founded on the experience we create for our learners and guided by graduate outcomes for successful lives and careers. We undertake globally significant discovery research that benefits our communities through the innovative translation of our ideas into new services, products, policies and capabilities.

Deakin campuses sit on Wadawurrung, Wurundjeri, and Eastern Maar Countries, and the University acknowledges, values and deeply respects its connection with the Traditional Custodians and Elders past and present of these lands and waterways. Deakin is the most popular university destination in Victoria for Aboriginal and Torres Strait Islander students and has a rich history of supporting the ambitions of First Nations students, including through the NIKERI Institute (formerly the Institute of Koorie Education).

Deakin aspires to be Australia's most progressive university, with the principles of diversity, equity and inclusion underpinning our approach to education, research, employability, digital delivery, innovation, and partnerships for impact. Our vision is for an inclusive environment where we value and celebrate diversity, embrace difference and nurture a connected, safe and respectful community. We want Deakin to be a place where all staff and students feel included and respected for their unique perspectives and talents.

[Strategic Plans – Deakin 2030: Ideas to Impact](#)

[Benefits of working at Deakin](#)

Position Description

Associate Research Fellow



Overview

The Faculty of Health is dedicated to being at the forefront of teaching, learning, creating and social development and fostering cutting-edge research and discovery. The Faculty places high emphasis on research that makes a difference and is solution-led. We work closely with industry partners and the government to put findings into practice.

The Biostatistics Unit is responsible for providing expert biostatistical support to multi-disciplinary research initiate at the Faculty of Health. This includes observational studies, clinical trials, community trials, implementation trials and biomedical and health service research as well as evaluation and development of relevant statistical methodology.

The Associate Research Fellow will engage collaboratively to conduct high-quality research activities generating high impact outputs, with mentorship from leaders within the research team. This position is suited to an emerging researcher keen to explore and build on new areas and foster research and researcher development to have real-world impact and contribute to a dynamic and enthusiastic research team.

This is a newly established fixed-term position funded by NHMRC and MRFF grants. Initially, the position is for 2 years, with the potential for extension.

The Associate Research Fellow will play a role in the growth of the Biostatistics Unit through maintaining collaborative links with the researchers involved in the specific projects funding the position. The appointee is expected to offer high-quality biostatistical input to these research projects, support Higher Degree by Research Students affiliated with the projects with statistical and data management matters and contribute to publications in top-tier journals.

The ideal candidate will be a highly motivated individual holding a master's degree in biostatistics or statistics, capable of working efficiently under supervision, and possessing demonstrated experience in managing and analysing data from health research studies.

The Associate Research Fellow will have the opportunity to collaborate with prominent national and international researchers.

Reporting to Professor Orellana the Associate Research Fellow will:

- Undertake all statistical tasks for the projects associated to the position, including data management and manipulation, data analysis, and preparation of statistical result reports.
- Foster and maintain sound working relationships and effective communication with the chief investigators and researchers involved in the various projects.
- Collaborate in enhancing the quality of the statistical aspects of the projects.
- Build a national and international reputation through publication of scholarly research in high-quality peer-reviewed journals and participation in academic forums.
- Stay abreast of modern biostatistical methods relevant to the specific projects funding the position.
- Assist in delivering high-quality postgraduate seminars and workshops in biostatistics.
- Engage in professional activities such as conferences and research seminars.
- Develop and implement initiatives to promote a culture of research excellence, innovation, and impact.

Accountabilities

Research and Innovation

- Conduct high-quality research, scholarship and creative activities generating high impact outputs, with mentorship.
- Engage collaboratively to participate in novel and high-quality research or creative activities.
- Communicate outputs, including as part of a team.
- Ensure impact of academic activity on the field and the community.
- Support and may lead applications for funding for research and creative activities.
- Begin building body of work and reputation and recognition for quality, excellence, and impact.
- Participate in intra- and inter-disciplinary research collaborations.
- Build awareness of industry partners and participates in opportunities for research partnerships.
- Support and may lead in applications for external competitive and other funding.
- Begin to build track record of timely delivery of outcomes for industry partners.
- Co-supervise honours to timely outcomes with productive high-quality outcomes.
- Develop working relationship with mentors and supervisors.
- Develop early career research plan with guidance from mentors and supervisors.
- Adopt culture of research excellence, innovation, and impact.
- Build awareness of relevant industry partners and opportunities for HDRs/ECRs placements.

University Citizenship and Engagement

- Contribute to Deakin community and its effectiveness via local engagement and citizenship activities.
- Understand the objectives and outcomes to be delivered by the University's strategic agenda.
- Contribute to community beyond Deakin via engagement activities.
- Support Deakin community engagement plan.

Selection

Qualifications and experience

- Master's degree in Biostatistics or Statistics; alternatively, a PhD in Epidemiology with strong quantitative component. A PhD in Biostatistics is desirable.
- Proven comprehensive understanding of biostatistical methodology.
- Demonstrated ability to apply advanced statistical analysis methods effectively.
- Experience as an applied biostatistician, evidenced by publications, conference papers, reports, or technical contributions in the health sciences.
- Proficiency in analysing randomised trials and/or observational studies.
- Strong statistical programming skills, proficient in at least one of the most common software packages: SAS, R and STATA.
- Experience in managing large databases.

- Familiarity with modern statistical methods relevant to health research; with practical experience being desirable.
- Experience in developing trial protocols and statistical analysis plans would be desirable.
- Demonstrated capability to collaborate effectively as a statistician within interdisciplinary teams.
- Outstanding organizational abilities, capable of planning and prioritizing multiple tasks to meet deadlines.
- Exceptional interpersonal skills, with a track record of building strong working relationships with colleagues and students.
- Proactive attitude and willingness to learn new analytical approaches to meet project requirements.
- High levels of initiative and adaptability.
- Demonstrated excellence in oral and written communication, as well as presentation skills.

Capabilities

- **Emotional Intelligence** manages emotions to positively influence behaviour.
- **Collaborates** cultivates collaboration across Deakin, strives for shared outcomes, builds partnerships.
- **Engages Other** establishes effective relationships to achieve shared goals.
- **Delivers Outcomes** creates clarity through governance, makes decisions that result in quality outcomes.
- **Plans Work** plans the delivery of work while balancing priorities and resources.
- **Improves Work** proactively improves the efficiency and quality of processes and systems.

Special Requirements

- Working with Children Check

Note The intention of the position description is to provide an outline of scope and responsibilities of the incumbent at this level. Please note, the accountabilities may evolve and will be determined by the manager in accordance with organisational needs, time fraction and tenure of appointment.