Position Description
Associate Professor, Biostatistics

Details

Area	Faculty of Health
Team / School	Biostatistics Unit
Employment	Fixed term (5 years) Full time
Location	Burwood or Geelong Campus
Classification	Level D
Manager Title	Professor of Biostatistics

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.

At Deakin we value diversity, embrace difference and nurture an inclusive, safe and respectful community. Deakin is an Employer of Choice for Gender Equality, a SAGE Athena SWAN Bronze Award holder, seeking gender equity for Women in STEMM, and a Silver Award holder in the Australian Workplace Equality Index for LGBTQ inclusion. We strongly encourage applications from Aboriginal and Torres Strait Islander people and people of all cultures, abilities, sexualities and genders.

Strategic Plan – Deakin 2030: Ideas to Impact

Benefits of working at Deakin

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Overview

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 Unit also provides statistical services to partner organizations such as Western Health and Western Alliance.

The Associate Professor will have a lead role in coordinating efforts of the Biostatistics Unit to strengthening research quality across the Faculty of Health. The role will include providing leadership in statistical methodology to major research programs or grants, strengthening multi-disciplinary research through the provision of high level biostatistical advice and analysis, mentoring early and mid-career biostatisticians and health researchers, delivering on strategic research objectives and building the University's national and international reputation through high quality publications and research collaborations. The role will also contribute to the supervision and training of Higher Degree Students.

This position is suited to a highly motivated individual holding a doctoral qualification in biostatistics or statistics, who has an established profile in methodological research in biostatistics; and broad experience in health research, including advanced statistical analyses of randomised trials or observational studies and the development of statistical analysis plans and trial protocols.

Responsibilities

Research and Innovation

- Contribute to the advancement of biostatistics by playing a leading role in initiating methodological projects
- Play a leading role in strengthening the quality of multi-disciplinary research projects
- Lead or co-lead applications for competitive external funding bodies with sustained effort and success
- Demonstrate sustained and expanding national and international reputation in biostatistics by publishing scholarly research in high quality peer-reviewed journals and presenting in academic forums
- Recruit and supervise HDR students with timely completions and productive high-quality outcomes
- Lead the delivery and management of post-graduate seminars and workshops in biostatistics
- Establish and sustain research collaborations and partnerships both nationally and internationally which have demonstrated outcomes
- Lead and develop initiatives that ensure widespread adoption of a culture of research excellence, innovation and impact
- Contribute to the leadership of research evaluation and assessment activities (e.g. competitive grant assessment, Editorial Boards, ERA panels)

University Citizenship and Engagement

- Lead the implementation of the university's strategic agenda at discipline level
- Provide leadership in biostatistics through national and international societies and editorial service to journals
- Effectively support the development of early and mid-career researchers within the Biostatistics Unit and the Faculty of Health
- Develop policy and take appropriate Committee roles at different levels within the University
- Build and leverage external networks to foster collaboration, influence others, and share ideas
- Play a leading role in high level University or Faculty committees

Relationships

- Internal relationships: Faculty of Health

Selection

Qualifications and Experience

- PhD in biostatistics or statistics
- Internationally recognised research reputation in biostatistics underpinned by publications in high quality journals
- Strong track record in public health and medical research, including advanced statistical analyses of randomised trials and observational studies and the development of trial protocols and statistical analysis plans
- Strong record of success in obtaining and timely completing competitive external research grants
- Outstanding record of supervision of HDR students to successful completion
- Demonstrated ability to establish and maintain productive collaborations within biostatistics teams and multi-disciplinary teams
- Demonstrated success and passion for leadership in research
- Excellent interpersonal skills with a proven ability to build good working relationships with colleagues and students
- Evidence of track record on methodological research
- Outstanding knowledge of modern statistical methods relevant to public health and medical research
- Evidence of high-quality teaching of biostatistics across different levels and modes, including non-statistical audiences and online and face to face modality

Capabilities

1. **Consulting and Advice:** Provides expert and valued advice; supports achievement of outcomes for stakeholders
2. **Navigating Complexity**: Proactively and quickly making sense of complex issues; responding effectively to difficult and ambiguous situations
3. **Creating and Innovating**: Explores concepts and insights, generates new ideas and a range of innovative solution
4. **Analysis and Problem Solving**: Sources relevant information; identifies problems and offers sustainable practical solutions
5. **Planning and Organising:** Plans, analyses and co-ordinates the delivery of projects while balancing priorities and resources
6. **Leading Teams:** Uses appropriate methods to support, develop, motivate, and guide the team to achieve successful outcomes

Special Requirements

- Working with Children Check

Note

The intention of the position description is to provide an outline of scope and responsibilities, at a point in time. Please note, responsibilities may evolve in accordance with organisational needs.