

## Position Description

# Associate Professor in Biostatistics

*Position Number:* 00064138  
*Position Title:* Associate Professor in Biostatistics  
*Date Written:* February 2019

*Faculty / Division:* Medicine  
*School / Unit:* Public Health & Community Medicine  
*Position Level:* Level D

## ORGANISATIONAL ENVIRONMENT

UNSW is currently implementing a ten year strategy to 2025 and our ambition for the next decade is nothing less than to establish UNSW as Australia's global university. We aspire to this in the belief that a great university, which is a global leader in discovery, innovation, impact, education and thought leadership, can make an enormous difference to the lives of people in Australia and around the world.

Following extensive consultation in 2015, we identified three strategic priority areas. Firstly, a drive for academic excellence in research and education. Universities are often classified as 'research intensive' or 'teaching intensive'. UNSW is proud to be an exemplar of both. We are amongst a limited group of universities worldwide capable of delivering research excellence alongside the highest quality education on a large scale. Secondly, a passion for social engagement, which improves lives through advancing equality, diversity, open debate and economic progress. Thirdly, a commitment to achieving global impact through sharing our capability in research and education in the highest quality partnerships with institutions in both developed and emerging societies. We regard the interplay of academic excellence, social engagement and global impact as the hallmarks of a great forward-looking 21st century university.

To achieve this ambition we are attracting the very best academic and professional staff to play leadership roles in our organisation.

## VALUES IN ACTION: OUR UNSW BEHAVIOURS

UNSW recognises the role of employees in driving a high-performance culture. The behavioural expectations for UNSW are below.



Delivers high performance and demonstrates service excellence.



Thinks creatively and develops new ways of working. Initiates and embraces change.



Works effectively within and across teams. Builds relationships with internal and external stakeholders to deliver on outcomes.



Values individual differences and contributions of all people and promotes inclusion.



Treats others with dignity and empathy. Communicates with integrity and openness.

## OVERVIEW OF RELEVANT AREA AND POSITION SUMMARY

UNSW Medicine is a national leader in learning, teaching and research, with close affiliations to a number of Australia's finest hospitals, research institutes and health care organisations. With a strong presence at UNSW Kensington campus, the faculty have staff and students in teaching hospitals in Sydney as well as regional and rural areas of NSW including Albury/Wodonga, Wagga Wagga, Coffs Harbour and Port Macquarie.

The School of Public Health and Community Medicine (SPHCM) is a leader in public health, community medicine, health management and health systems strengthening. The school's mission is to promote health, prevent disease and to strengthen health systems, and is at the forefront of research and education. Our staff bring experience from multiple disciplines and have experience in local, national, and international settings.

The role of Associate Professor will be responsible for providing academic leadership and build teaching in biostatistics as well as other areas of postgraduate and undergraduate teaching in the school. The Associate Professor will be a research leader with the ability to build a research team, publish in top ranked peer reviewed journals, win competitive funding, supervise higher degree students and contribute to academic administrative functions in the School of Public Health and Community Medicine.

The position of Associate Professor in Biostatistics reports to the Head of School, School of Public Health and Community Medicine and has 3 direct reports.

## RESPONSIBILITIES

Specific responsibilities for this role include:

### Education

- Provide leadership in the development, teaching and convening of courses in Biostatistics and Advanced Biostatistics.
- Take a leadership role in the innovation, and curriculum and course development in the courses managed by SPHCM, including undergraduate courses, postgraduate programs, dual degrees and relevant specialisations
- Play an active role in designing, developing and delivering high quality online courses and programs
- Supervision of undergraduate students in Independent Learning Projects and higher degree students in Masters, PhD and DrPH research projects.

### Research

- Pursue and develop a highly active and productive research program that is consistent with the broad research aims of the School and that aligns with the strategic research directions of UNSW Medicine
- Attain category 1 and industry grants and establish impactful international research collaborations
- Play a significant role in research projects in the School, including building and leading a research team
- Lead supervision of research degree students enrolled in Masters, PhD and DrPH degrees

- Translate research and development findings, for example through presentations and publications in high impact peer reviewed journals, and engagement with end users of research.

### **Leadership and Community Engagement**

- Provide leadership in the teaching in biostatistics in the school, Faculty and UNSW. This includes performance monitoring and performance management of direct reports
- Participate in teaching and research development and governance activities at the School, Faculty and University levels as well as play an active role in the School/Faculty activities and committees
- Maintain relationships with stakeholders within and outside of UNSW (eg Commonwealth and State Governments, collaborating Universities, International Organisations)
- Deliver a significant research impetus to the School through the funding and execution of innovative programs of research that leads to garnering funding support.
- Mentor academics and/or HDR students in their development of successful research careers
- Ensure hazards and risks are identified and controlled for tasks, projects and activities that pose a health and safety risk within your area of responsibility.

### **SELECTION CRITERIA**

- PhD degree or equivalent doctoral qualification.
- An outstanding track record in peer-reviewed publications and grant success in areas relevant to public health, with an international reputation as a leading authority in biostatistics
- A distinguished record of raising and managing competitive research funding.
- Demonstrated knowledge and experience of public health teaching in both face to face and fully online modes.
- Proven ability to supervise honours and postgraduate research students
- Demonstrated ability to work independently in a goal-directed manner yet collaboratively with other staff and external providers.
- Capacity to provide leadership, management and mentoring to colleagues in teaching and research
- Outstanding communication, organisation and presentation skills
- Ability and capacity to implement required UNSW health and safety policies and procedures.

*It is not the intention of the position description to limit the scope or accountabilities of the position but to highlight the most important aspects of the position. The aspects mentioned above may be altered in accordance with the changing requirements of the role.*