



## Position Description

# Senior Lecturer

*Position Number: 00062584*  
*Position Title: Senior Lecturer*  
*Date Written: June 2018*

*Faculty / Division: Medicine*  
*School / Unit: School of Medical Sciences*  
*Position Level: Level C*

## 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.

## UNSW BEHAVIOURS

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



Values in Action  
Our UNSW Behaviours



Builds  
Collaboration



Embraces  
Diversity



Displays  
Respect



Demonstrates  
Excellence



Drives  
Innovation

## 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 Medical Sciences (SoMS) is the largest School within UNSW Medicine, and one of the largest at UNSW. The School is based largely within the Wallace Wurth (Medicine) Building on the Kensington campus, but also includes the UNSW Lifestyle Clinic on High Street, Randwick.

The role will operate within the Department of Physiology, located on level 3 of the Wallace Wurth building. The Department of Physiology research includes the Cellular and Systems Physiology cluster, with broad capabilities in muscle, vascular and sensory physiology and membrane biophysics, and the Translational Neuroscience Facility (TNF) which is a core neuroscience research platform in the School of Medical Sciences with research interests in sensory transduction, spinal cord repair, memory and plasticity and pain. The TNF broadly supports neuroscience research and advanced translational research training directed towards treatment of neurological disorders.

The Senior Lecturer will be responsible for making a significant contribution to excellence in research and research-led teaching within the physiological sciences that complements existing strengths and resources within the School and Department. This includes an expectation that the appointee will develop their research program with external research funding. The position will require outstanding communication and education skills, including engagement with UNSW Australia's contemporary pedagogy and innovation in teaching and learning platforms. Teaching contributions will be within the broad discipline of Physiology and to the various undergraduate programs supported by the School, including Medicine, Medical Science, Science and Advanced Science.

The role of Senior Lecturer reports to Head of Department of Physiology and has no direct reports.

## RESPONSIBILITIES

Specific responsibilities for this role include:

- Contribute to innovation and excellence in research in the physiological sciences, aligned to the focus of the Department of Physiology (molecular and cellular physiology, muscle and motor control, sensory physiology, cardiovascular physiology, microvascular physiology, endocrine and developmental physiology, ion channel biophysics, mechanotransduction) and one or more of the Faculty of Medicine's four themes: Neuroscience, Mental Health & Addiction ('Mindgardens'); Infectious Disease, Immunity & Inflammation; Cancer; and Non-Communicable Diseases.
- Significant role in research projects including, where appropriate, leadership of a research team.
- Support advancement of the understanding of the physiological sciences through research contributions by contributing to or initiating applications for external research funds, publication of research findings in high-impact journals, and provide a high standard of supervision or co-supervision of undergraduate Project, Honours and Higher Degree Research students.
- Establish and maintain constructive partnerships with clinical schools within the Faculty, institutes of medical research, and other appropriate research partners.
- Contribute to undergraduate teaching in Physiology to Science and Medicine students, including practical class teaching, lectures in relevant courses, small group tutorials/facilitation and co-ordinate and convene courses as required.

- Provide consultation and feedback to students, regarding assessments including marking assignments, mid-session and final examinations and provide consultation with students as well as undertake relevant administrative tasks.
- Perform a range of administrative functions the majority of which are connected with the subjects in which the academic teaches
- Participate in the development and design of necessary course materials with appropriate advice and support from senior academics, and attend departmental, school and program-related meetings as required.
- Contribute to/participate in Departmental meetings and relevant professional development activities within the School.
- Establish and maintain strong working relationships and effective liaison with staff and stakeholders of the School, Faculty and the University
- 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

- A PhD, or equivalent degree, in Physiology or a related discipline of biomedical science.
- Ability to successfully undertake leading-edge research as evidenced by publication record.
- Evidence of ability to sustain a program of research in the form of success in applications for external peer-reviewed funds and a record of supervision of higher degree research students.
- Demonstrated commitment and ability to teach undergraduate courses and in particular Physiology – relevant material.
- Capacity to work both independently and as a member of a team.
- Excellent written and oral communication skills.
- Capacity to provide expertise and academic leadership within the discipline of Physiology, or a relevant sub-disciplinary area.
- Ability and capacity to implement required UNSW health and safety policies and procedures.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

*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.*