From research into paediatric physiotherapy, sporting injuries and chronic pain to the relationship between hearing loss, ageing and dementia, Macquarie's health sciences researchers are uniquely positioned to address the complex issues that face humanity.

Our researchers have expertise in the fields of allied health, chiropractic, clinical audiology, environmental health, physiotherapy, public health, and speech and language pathology.

A recent major investment in public health on Macquarie's campus has been the development of the Australian Hearing Hub. Inspired by the interdisciplinary research environment at Macquarie, the Australian Hearing Hub is a revolutionary independent research facility designed to foster innovation. It brings together world-renowned scholars and leading service providers to advance research, education and innovation into hearing, speech and language disorders.

Macquarie also has outstanding physiotherapy, chiropractic and anatomy research facilities, considered to be the best university facilities in the region and among the best in the world.

With more than 22,000 square metres of space for interdisciplinary research, education and innovation, Macquarie offers unparalleled opportunities for research training in an environment that is unmatched in Australia.
Highlights

• Partners in the Australian Hearing Hub include Australian Hearing; National Acoustic Laboratories; Cochlear; The Shepherd Centre; Royal Institute for Deaf and Blind Children; SCIC Cochlear Implant Program; the ARC Centre of Excellence in Cognition and its Disorders; and the HEARing Cooperative Research Centre, the largest translational hearing research group in Australia.

• Macquarie is home to the Australian Institute of Health Innovation, which has leading researchers investigating health systems, healthcare organisations and services, underpinning health reform and improvements in systems and services.

• Macquarie is the first Australian university to have a private hospital, maximising opportunities for collaborative patient-centred care and evidence-based clinical practice.

Support

You will be provided with individualised support, as well as a range of opportunities, at all stages of your research degree, including:

• higher degree research learning skills advisers who provide valuable training options such as workshops in research communication, presentation skills, academic writing skills, thesis planning and more
• inspirational supervision and mentoring
• a candidature management plan that closely supports progress, commencement programs, work-in-progress reviews, and presentations providing opportunities for feedback from a panel of academics
• real-world engagement with opportunities for cotutelle and joint degrees
• financial support for a range of research-related activities
• world-class facilities
• a transformative research experience that fosters cross-disciplinary collaboration.

FACILITIES

• Anechoic chamber that includes a 3D array of 41 loudspeakers used to reproduce acoustic real-world environments
• Australian Hearing Hub
• Centre for Language Sciences
• Chiropractic and anatomy labs with rooms for radiology, orthopaedics, rehabilitation and case management
• Community-based chiropractic clinics serving the health needs of the public
• Environmental Quality Laboratory
• Indigenous Bioresources Research Group
• Macquarie node of the HEARing CRC
• Macquarie Public Health Research Network
• Macquarie University Cognition Clinic for Reading
• Macquarie University Speech and Hearing Clinic with new clinical and research spaces that provide opportunities for research in auditory processing, speech perception and auditory plasticity after rehabilitation or device fitting
• Magnetoencephalography (MEG) laboratories for adults and children, and the world’s first MEG system for people with cochlear implants
• Optically stimulated-luminescence (OSL) Laboratory
• Purpose-built physiotherapy research laboratory supplemented by access to the extensive radiology imaging suite at Macquarie University Hospital Research hubs

FIND OUT MORE
Macquarie University NSW 2109 Australia
T: +61 (2) 9850 7987
mq.edu.au | hdr.mq.edu.au

CRICOS Provider 00008J

The information in this document is correct at the date of publication but the University reserves the right to vary or withdraw any general information, program(s) and/or fees without notice.