



Kelsie Bolton and Nan Zhou
PhD candidates

Psychology and cognitive science

Macquarie's psychology and cognitive science researchers are uniquely positioned to help shape the complex issues that define the future of humanity.

Macquarie is home to some of the best national and international psychology and cognitive science academics and researchers, including an Australian Laureate Fellow. The internationally respected research conducted by these experts is backed by first-class facilities, including the Centre for Emotional Health, the Cognition Clinic for Reading and the Australian Hearing Hub.

Our interdisciplinary research teams include clinical psychologists, cognitive psychologists, linguists, neuropsychologists, neuroscientists, philosophers and speech pathologists who are leading the world in understanding and treating disorders such as anxiety, aphasia, autism, depression, dyslexia, post-traumatic stress disorder, prosopagnosia, schizophrenia, social phobia and specific language impairment.

Additionally, our researchers are leaders in their fields – in the most recent Excellence in Research for Australia evaluation our psychology and cognitive sciences research received a rating of 'performance above world standard'.

As a higher degree research candidate at Macquarie, you'll have the opportunity to conduct your research alongside several of the world's finest scholars and have access to our psychology clinics and cognitive science laboratories located in the Australian Hearing Hub. You'll also have access to some of the region's most outstanding facilities, including three magnetoencephalography (MEG) systems, brain stimulation facilities, functional magnetic resonance imaging (fMRI), portable brain measurement equipment, and flight and driving simulators.

mq.edu.au/research/psychology-and-cognitive-science



MACQUARIE
University
SYDNEY · AUSTRALIA



AREAS OF SPECIALISATION

- Atypical neurodevelopment
- Belief formation
- Developmental, personality and social psychology
- Developmental and acquired disorders
- Emotional and mental health
- Evolutionary psychology
- Health psychology
- Hearing and auditory processing
- Language
- Memory and cognitive processes
- Neuropsychology and neuropharmacology
- Organisational and applied psychology
- Perceptual processes and the psychology of music
- Perception in action
- Person perception
- Reading development and disorders



FACILITIES

- The Australian Hearing Hub is a state-of-the-art facility that encourages and facilitates interdisciplinary and collaborative research by uniting our leading academics and researchers and hosting multiple centres and clinics, including:
 - Centre for Emotional Health
 - Macquarie University Cognition Clinic for Reading
 - Macquarie University Psychology Clinic
- First-class research and training facilities, including:
 - The Macquarie University Simulation Hub, which draws together a range of simulation devices in one location, enabling leading experts from the University and from industry to collaborate on translational research across a wide range of disciplines. It includes simulation labs for driving, home, work and recreation, flight, motion capture and virtual reality.
 - Laboratories for MEG, event-related potentials, Doppler imaging, language acquisition, motion capture, perception experiments, preclinical neuroscience, transcranial magnetic stimulation, transcranial direct current stimulation, virtual reality, and eyetracking.



RESEARCH HUBS

- ARC Centre of Excellence in Cognition and its Disorders
- Centre for Elite Performance, Expertise, and Training
- Centre for Emotional Health
- Perception in Action Research Centre
- Centre for Atypical Neurodevelopment



For psychology-related queries contact the Department of Psychology
mq.edu.au/departments/psychology

For cognitive science-related queries contact the Department of Cognitive Science
mq.edu.au/departments/cognitive-science

OUR RESEARCH PRIORITIES

We pursue excellence in a broad range of research areas. Our five interdisciplinary strategic research priorities – Healthy People, Resilient Societies, Prosperous Economies, Secure Planet and Innovative Technologies – respond to globally significant challenges and opportunities to improve the lives of millions. Together, these research priorities provide a focal point for research, with discoveries made under these priorities translating into real improvements in the lives of local, national and global communities.

JOINTLY SUPERVISED PHD PROGRAMS

Macquarie actively encourages cotutelles and joint degrees – shared supervision arrangements with universities whose research activity strongly aligns with ours. Under each model, you are enrolled at two universities with a principal supervisor at each and may be eligible for additional scholarship support.

mq.edu.au/cotutelle-and-joint-phd



FIND OUT MORE

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