



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

School of Psychology

School Research Strengths

The School of Psychology is led by distinguished human memory and language processing expert Professor Simon Dennis. The School's strong and continually expanding research focus includes collaborative research conducted within its key Priority Research Centres (PRCs), with a number of study areas currently ranked as above world standards in the Excellence in Research for Australia (ERA) assessment including psychology and cognitive sciences.

The PRC for Brain and Mental Health Research seeks to understand and modify brain function and factors that influence mental health problems at the molecular, cellular, systems, behavioural, and social levels of analysis. Respected researcher of psychological processes, Professor Scott Brown, is a

key leader within this diverse cross-disciplinary research group.

Improving child health is the principal goal of the PRC for Growing Up Well. Dr Linda Campbell is actively involved in developing preventions for asthma and respiratory infections, biomarkers to diagnose food allergies, dietary and exercise interventions for treating inflammatory conditions, as well as risk identification and strategies to counteract infant developmental disorders and chronic disease.

The PRC for Health Behaviour is a cross-disciplinary research team which aims to develop measures and interventions for reducing prevalence of preventable disease risks while increasing equitable and evidence-based health care delivery. Associate Professor Jenny Bowman is a Principal Researcher and contributor.

TOP 250

universities in the world¹

14

UON disciplines are ranked in top 200 in the world²



Good Universities Guide³

TOP 8

in Australia for research 'well above world standard'⁴

OVER 90%

of our research is 'at' or 'above world standard'⁴

TOP 10

in Australia for research income⁵

¹ Times Higher Education World University Rankings 2016 and QS World University Rankings 2016 ² QS World University Rankings by Subject, 2016 ³ Good Universities Guide 2016 (social equity and student retention) ⁴ Excellence in Research Australia 2015 ⁵ Higher Education Research Data Collection 2014

Profile of Professors



Professor Simon Dennis **Human Memory and Language**

h-index: 22
citations: 2715

The research of Professor Simon Dennis focuses on the application of behavioural, computational and neuroscientific methods to the study of human memory and language.



Associate Professor Jenny Bowman **Health Behaviour**

h-index: 19
citations: 1242

Associate Professor Jenny Bowman's primary research interest is the relationship between behaviour and health, in particular the modification of lifestyle factors to enhance health and well-being.



Associate Professor Frini Karayanidis **Cognitive Neuroscience**

h-index: 30
citations: 2119

The research of Associate Professor Frini Karayanidis uses multi-disciplinary techniques to examine the organisation of cognitive control processes in healthy controls, the development of these processes across the lifespan and their disruption in clinical conditions such as schizophrenia and ADHD.



Professor Scott Brown **Mathematical Psychology**

h-index: 35
citations: 5156

Associate Professor Scott Brown's research focuses on applying mathematical modelling techniques to the understanding of higher-order cognitive processes (mostly memory and decision-making).

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Graduate
Research supporting HDR candidates -
the next generation of researchers.

For more information:
newcastle.edu.au/science-it