

# THE UNIVERSITY OF NEW SOUTH WALES

## FACULTY OF SCIENCE

### SCHOOL OF PSYCHOLOGY

#### THE UNIVERSITY OF NEW SOUTH WALES

The University of New South Wales (UNSW), established in 1949, is one of the largest and most prestigious in Australia. The main campus in Kensington, six kilometres south-east of the centre of Sydney, houses the Faculties of Arts and Social Sciences, Built Environment, Commerce and Economics, Engineering, Law, Medicine, and Science together with the Australian Graduate School of Management. The College of Fine Arts of UNSW is located in the inner Sydney suburb of Paddington. A University College of UNSW, located within the Australian Defence Force Academy in Canberra, provides tertiary education for the three services of the Australian Defence Force and postgraduate training for military personnel and civilians.

UNSW has a total enrolment of more than 30,000 students and a staff of approximately 5,000. UNSW is ranked in the top band of Australian universities by the Australian Government's Committee for Quality Assurance in Higher Education to assess the quality of research, teaching and community service activities. The University has first-rate facilities, including a large modern library, extensive computing capacity, and all of the physical and human resources that one would expect to find in an international research and educational institutions. Further information can be obtained from the University website [www.unsw.edu.au](http://www.unsw.edu.au).

#### THE SCHOOL OF PSYCHOLOGY

The School of Psychology ([www.psy.unsw.edu.au](http://www.psy.unsw.edu.au)) is located in the Faculty of Science. The School has 28 full time academic staff, 15 general staff, and an annual operating budget of over \$6 million. The School is well known for its research tradition and achievements. Many staff have international reputations in their respective fields and a number are Fellows of the Australian Academy of Social Sciences. The staff's research projects attract more funds from the Australian Research Council, the major research granting body in the country, and their publications receive more citations than any other psychology department in Australia. The School has a thriving international environment in which staff and students from many countries work together. Approximately half of the current academic staff came to the School from other countries (primarily North America and the UK).

#### ***Research and training facilities***

As one of the best-reputed psychology departments in Australia, the School has excellent research and professional training facilities. The School occupies seven floors in a modern 16-storey building. It has extensive computing facilities including four undergraduate and two post-graduate computer laboratories, a well-stocked psychological test library, a psychology clinic, and mechanical and electronics workshops. Reflecting their high level of research funding, staff have established laboratories with state-of-the-art facilities for research in cognitive psychology, perception, behavioural neuroscience, human neuropsychology, developmental psychology, social psychology and personality, experimental psychopathology, clinical psychology and applied experimental psychology.

The School also enjoys excellent relations with professional practitioners and external agencies involved in the provision of psychological services in the areas of clinical, forensic and organisational psychology throughout Sydney. These links encompass both the public and private sectors, and include the University's network of five teaching hospitals, community health services, and two research centres located on the UNSW campus: the National Drug and Alcohol Research Centre and the Injury and Risk Management Research Centre. The School's reputation and active involvement with these external bodies facilitate opportunities for conducting research in field settings. Sydney is a major centre for industry and commerce within the Asia-Pacific region and has a population of approximately 4 million people drawn from many different ethnic and cultural backgrounds. Such an environment presents a rich array of possibilities for research-oriented psychologists in both applied and basic domains.

### ***Teaching activities***

The School has a commitment to providing comprehensive scientifically-based undergraduate teaching programs and to implementing a scientist-practitioner approach to professional training.

The Bachelor of Psychology 4-year undergraduate degree that the School introduced in 1973 has served, either directly or indirectly, as the model for professional psychology undergraduate programs offered at most major Australian universities. The degree's strong reputation consistently attracts extremely high achieving high school students. Psychology courses are also available to students in many other undergraduate degree programs offered by the university and the School has undergraduate enrolments of approximately 600 full-time student equivalents.

The School also offers 2-year Masters coursework degrees in Clinical, Organisational and Forensic Psychology (10-25 students in each stage of each degree) as well as Combined PhD/Masters research degrees in each of these domains. The coursework Masters degrees provide academic courses relevant to each professional domain as well as research supervision and supervised professional training. In addition to a School Psychology Clinic, in which students receive supervised clinical training, the School coordinates field placement programs in clinical, forensic and organizational work settings to provide students with the 1,000 hours of supervised practice required for accreditation by the Australian Psychological Society and its specialist Colleges, as well as for registration as a psychologist in NSW. Over 100 registered psychologists have honorary appointments with the School to serve as field supervisors. The School devotes considerable effort and resources to fostering these links and monitoring the supervision process to ensure the quality of students' professional training. The quality of these programs was also recognized in the Australian Psychological Society's Site Visit Report which concluded that "the School has a striking mix of scientific and professional commitments and overall justifies its reputation in both aspects".

More than 50 students are enrolled in post-graduate research degrees within the School of whom approximately 20% are international students. The employment outcomes for our PhD graduates are excellent. Since 1990, 52 percent have taken up Australian university appointments, 19 percent have accepted an overseas university position, and 22 percent have moved into non-academic posts such as research positions in the public and private sectors, private practice/consultants and senior positions in hospitals and community health settings.

## ACADEMIC STAFF AND RESEARCH INTERESTS

For information on the research interests and publications of staff members, please visit the Research page of the School website ( <http://www.psy.unsw.edu.au/research/> ).

### Recent research outcomes

#### External Research Grants 2000–present

- Anderson BL, The perception and recognition of surfaces and objects: Segmentation and completion, *Australian Research Council*, 2005-2007, \$180,000
- Andrews S, Testing detailed models of word identification: decision and response contributions to performance, *Australian Research Council*, 2000-2002, \$103,500
- Barnier A, Forgetting emotional events from the past: Extending theories of forgetting to autobiographical amnesia, *Australian Research Council Fellowship*, 2001-2005, \$357,590
- Barnier A, Forgetting emotional events from the past: Extending theories of forgetting to autobiographical amnesia, *Australian Research Council*, 2001-2003, \$107,450
- Barnier A, Henry J, Bryant R, The psychological benefit of cochlear implant, *Australian Strategic Partnership with Industry*, 2000-2002, \$159,803
- Barnier AJ, Conway MA, Forgetting and remembering the past: Inhibition and facilitation of autobiographical memories, *Australian Research Council*, 2004-2008, \$270,000
- Barnier AJ, Coltheart M, Besner D, Is reading automatic?: Investigating hypnotic elimination of the Stroop effect, *Australian Research Council*, 2004-2006, \$150,000
- Bryant R, Emotional numbing following trauma, *Australian Research Council*, 2000-2002, \$110,000
- Bryant R, Treatment of posttraumatic stress disorder and depression, *Motor Accident Authority of NSW*, 2001-2002, 93,000
- Bryant R, Salmon K, Acute stress disorder and posttraumatic stress disorder in injured children, *National Health and Medical Research Council*, 2001-2003, \$125,000
- Litz B, Bryant R, Brief cognitive-behavioral treatment for victims of mass violence, *National Institute of Mental Health (USA)* 2002-2003, \$850,000
- Bryant R et al, Identifying malingered posttraumatic stress disorder: Biological markers for legal assessment, *Australian Research Council (Linkage Grant)*, 2002-2004, \$445,180
- Bryant R, Enhancing treatment effectiveness in acute stress disorder, *National Health and Medical Research Council*, 2002-2004, \$182,000
- Bryant R, Hypnosis and emotional numbing, *Australian Research Council*, 2002-2004, \$147,000
- Bryant R, Treating posttraumatic stress: a community study, *Motor Accident Authority of NSW*, 2004-2005, \$70,000
- Bryant R, Silove D, McFarlane S, Posttraumatic mental health: Enhancing resilience and recovery, *National Health and Medical Research Council*, 2004-2008, \$4.7m

Bryant RA, Controlling Unwanted Thoughts: A Hypnotic Study of Suppression, *Australian Research Council*, 2005-2007, \$180,000

Bryant RA, McConkey KM, An Integrative Theory of Flashback Memories, *Australian Research Council*, 2006-2010, \$560,000

Dadds M, The development, assessment and treatment of early indicators of psychopathy in children, *National Health and Medical Research Council*, 2001-2003, \$270,000

Dadds M, Structured Writing Tasks: Examination of the process of change as indicated by cognitive-behavioural models of trauma, *Australian Research Council*, 2003-2004 \$99,000

Dadds M, Senior Research Fellowship, *National Health and Medical Research Council*, 2003-2005 \$625,000

Dadds M, Shochet, I, Larmar, Prevention of conduct disorders in children, *Rotary*, 2003-2005, \$92,000

Dadds M, Severe Conduct Disorder in Adolescence, *National Health and Medical Research Council*, 2004-2006, \$336,125

Forgas JP, Feeling, thinking and doing: Affective influences on social cognition and behaviour, *Australian Research Council*, 2002-2006, \$374,000

Forgas JP, Paxinos G, Affective influences social thinking and behaviour: A social neuroscience approach, *Australian Research Council*, 2004-2006, \$205,000

Forgas JP, von Hippel WH, Hearts and minds: Affect, thinking and behaviour, *Australian Research Council*, 2005-2009, \$560,000

Gillam BJ, Stereoscopic slant perception, *Australian Research Council*, 2001-2003, \$157,680

Gillam BJ, Binocular depth perception in complex visual arrays, *Australian Research Council*, 2002-2006, \$575,913

Gillam BJ, Anderson BL, Occlusion, surface perception and illusory contours, *Australian Research Council*, 2005-2007, \$183,000

Guastella A et al, D-Cycloserine and conditioning: Increasing the effectiveness of exposure therapy for fear and anxiety, 2005-2007, \$394,000

Hayes B, The role of domain theories and similarly-based processing, *Australian Research Council*, 2000-2002, \$75,111

Hayes B, Taplin J, Heit E, Category learning and conceptual change in children, *Australian Research Council*, 2003-2005, \$170,000

Hayes B, Heit E, The development of causal induction, *Australian Research Council*, 2006-2009, \$240,000

Heathcote A, Hayes B, Mewhort D, The development of speed skill, *Australian Research Council*, 2002-2004, \$149,000

Henry J, Cognitive-behaviour therapy for tinnitus: Dismantling study to maximise treatment efficacy, *National Health and Medical Research Council*, 2002-2004, \$230,000

Henry JD, McDonald S, Towards a model of emotional control: Assessment of patients with focal cortical injuries, *Australian Research Council*, 2006-2008, \$195,000

Kehoe EJ, Mechanisms of recovery after extinction of conditioned behaviour, *Australian Research Council*, 2003-2005 \$210,000

Kemp R, Goodman-Delahunty J, Bryant R, Inherent requirements of policing, NSWPS, 2002, \$58,000

Kemp R, Checking the validity of photographic identification documents: Enhancing the performance of security personnel through increased understanding of unfamiliar face processing, *Australian Research Council*, 2004-2006, \$150,000

Lovibond P, Menzies R, Laboratory and clinical tests of an expectancy model of avoidance and anxiety, *Australian Research Council*, 2000-2002, \$96,500

Lovibond P, Depression, anxiety and somatic stress: syndromal structure and relationship to onset of clinical disorder, *National Health and Medical Research Council*, 2000-2002, \$218,373

Lovibond P, The role of cue combination rules in human associative learning, *Australian Research Council*, 2000-2002, \$105,500

Lovibond P, Mitchell C, The role of memory and reasoning processes in associative learning, *Australian Research Council*, 2003-2005, \$152,000

McDonald S, Flanagan S, Managing social skills after traumatic brain injury: The clinical utility of a new assessment of social perception, *Motor Accident Authority of NSW*, 2001, \$22,000

McDonald S, Empathy, attention and reasoning: The role of automatic and controlled processing in emotion recognition following traumatic brain injury, *Australian Research Council*, 2002-2004, \$125,000

McDonald S, Tate R, Togher L, Enhancing treatment effectiveness for psychosocial disorders after severe traumatic brain injury, *National Health and Medical Research Council*, 2003-2005, \$240,000

Tate R, Perdices M, McDonald S, Moseley A, Togher L, The evidence base of psychological therapies for traumatic brain injury, *Motor Accident Authority of NSW*, 2002, \$91,000

Tate R, McDonald S, A clinical trial of the effect of neuropsychological treatments in increasing community participation after brain injury, *National Health and Medical Research Council*, 2004-2006, \$360,000

Togher L, McDonald S, Tate R, Communication and severe brain injury, *National Health and Medical Research Council*, 2006-2008, \$440,000

McNally GP, The regulation of fear and attention: From genes to the brain to behaviour, *Australian Research Council*, 2003-2007, \$343,000

McNally GP, Richardson R, The psychobiology of forgetting: Opioid receptors and inhibitory constraints on storage of long-term memory, *Australian Research Council*, 2005-2007, \$290,000

Mitchell CJ, Hall G, Discrimination learning in humans: Associative and attentional mechanisms, *Australian Research Council*, 2005-2007, \$135,000

Moulds ML, Rumination and Memory Functioning in Depression, *Australian Research Council*, 2005-2007, \$150,000

Newell BR, Predicting the future: testing a unitary account of judgment under uncertainty, *Australian Research Council*, 2005-2007, \$160,000

Pirola-Merlo A, Building effective and innovative R&D project teams, *Australian Research Council (SPIRT)*, 2001-2003, \$100,000

Richardson R, A developmental and neural analysis of learned and unlearned fear, *Australian Research Council*, 2003-2005, \$109,000

Richardson R, The effects of early experiences: A developmental analysis of learning and memory, *Australian Research Council*, 2006-2008, \$250,000

Salmon K, Dadds M, Health and resilience in the preschool years: An innovative approach to early intervention, *Australian Research Council*, 2004-2006, \$180,000

Salmon K, Pipe M, Knowing in advance: Effective strategies for preparing young children for novel experiences, *Australian Research Council*, 2006-2008, \$175,000

Spehar B, Clifford C, Contextual interactions in colour and form perception, *Australian Research Council*, 2003-2005, \$168,000

Spehar B, Kourtzi Z, Segmentation and completion in visual object perception: Behavioural and neural perspective, *Australian Research Council*, 2006-2008, \$191,000

Tait D, Goodman-Delahunty J, Kyd JM, Horan JM, Brawn GW, Battye GP, Ogloff JR, Lennard CJ, Jones DH, Wallace A, Refshauge RC, Juries and interactive visual evidence: Impacts on deliberation processes and outcomes, 2006-2008, \$358,824

Taft M, Orthographic processing in different languages: native and non-native readers, *Australian Research Council*, 2000-2002, \$141,000

Taft M, Exploring the nature of lexical representation, *Australian Research Council*, 2003-2005 \$167,000

von Hippel W, Aging, inhibition, and stereotyping, *National Institute of Aging*, 2002-2005, \$126,000

Westbrook RF, Role of subiculum-accumbal pathways in contextual learning in the rat, *Australian Research Council*, 2000-2002, \$112,500

Westbrook RF, Neural substrates for learned tolerance to morphine analgesia and hyperalgesia in the rat, *Australian Research Council*, 2001-2003, \$171,340

Westbrook RF, The role of context in the acquisition, extinction and reinstatement of fear, *Australian Research Council*, 2002-2004, \$150,000

Westbrook RF, McNally G, Increased vulnerability to stress during opiate dependence: Molecular, anatomical, and behavioural correlates, *National Health and Medical Research Council*, 2002-2005, \$270,000

Westbrook RF, Carrive P, Richardson R, The inhibition of fear memories in the rat: a neural analysis, *National Health and Medical Research Council*, 2004-2006, \$230,500

Westbrook RF, The neural substrates of attentional learning in Pavlovian conditioning, *Australian Research Council*, 2005-2007, \$212,000

Harris J, Westbrook RF, The associative mechanisms underlying latent inhibition and extinction, *Australian Research Council*, 2004-2006, \$240,000

Williamson AM, Time of day, time awake and alcohol: the effects on fatigue and performance

Zadro L, Moulds ML, Developing strategies to ameliorate the aversive effects of ostracism, 2006-2008, \$200,000