School of Psychology

# 2026 Research Supervision

## Honours and Forensic Masters

This document is to be used by Honours applicants for 2026, and Master of Psychology (Forensic) students intending to submit a thesis in 2026. The academics listed have indicated their availability for supervision, and may be available to supervise either Honours students, Forensic Masters students, or both.

**Important**: This list is first published in July but may be edited after its initial publication. Students must ensure they are viewing the most up-to-date version of the list directly from the School's website (Honours and Masters).

The coloured letter next to each academic's name indicates which theses they are willing to supervise (**H** = Honours, **F** = Forensic). To demonstrate:

**H** means the academic is only available for Honours supervision

**F** means the academic is only available for Forensic Masters supervision

**H**, **F** means the academic is available for BOTH Honours and Forensic Masters supervision

Question about this document should be directed to the School, via the Ask a Question webform.

***Scientia Professor Kaarin Anstey*** **H**

I am available to supervise Honours in the area of cognitive ageing. Specific areas of interest include – predictors of cognitive resilience, women's reproductive health and cognitive decline, predictors of subjective cognitive decline in ageing, Mild cognitive impairment (MCI), the association between mental health and cognitive function in ageing, and cognitive reserve. My projects include app based data from wearables, mobile phones, cognitive testing, neuroimaging and some blood biomarkers. https://research.unsw.edu.au/people/scientia-professor-kaarin-jane-anstey

***Prof Bernard Balleine*** **H**, **F**

I am available to supervise Honours and Master of Psychology student research theses. My current research projects examine the psychological and neural bases of learning and motivation particularly relating goal-directed action, reward learning, predictive learning and decision making. We use animal and human subjects, and numerous cutting edge techniques to image and manipulate brain processes. For more information, see my research profile: https://www.unsw.edu.au/staff/bernard-balleine.

***Dr Kirsten Barnes*** **H**

I am available to supervise Honours students. My research focuses on the role of expectations and anxiety in generating the nocebo and placebo effect. Student projects involve using experimental paradigms to understand how information about side effects, generated from observing the experience of others, medication branding, side effect information leaflets, and other treatment context factors, can improve or ameliorate health outcomes. This can range from lab-based studies exploring pain modulation, where psychophysiological and behavioural data is collected, to sending participants home with 'fake' treatments to understand the development of nocebo side effects over time. https://scholar.google.com/citations?user=nMx6_GgAAAAJ&hl=en&oi=ao

***Dr Jay Bertran-Gonzalez*** **H**, **F**

I am available to supervise Honours and Master of Psychology students. My students' research projects aim to explore the neural signatures left by defined forms of learning in critical neural circuits as animals acquire and mature new behaviours. For this, we use mouse models of instrumental action and we take advantage of modern transgenic and microscopy technologies that allow visualisation of circuit activity in the brains of trained animals. You can find more information about my research here: https://www.neuromodulab.org/research/.

***Scientia Professor Robert Brooks*** **H**

I am available to supervise Honours students. My research group studies the conflict and cooperation inherent to romance, sex, reproduction, and parenting. This includes studies about how individuals respond to inequality, the importance of status in online and offline interactions, and the ways in which new technologies (e.g. social media, AI, robotics) engage human users.
https://www.unsw.edu.au/staff/robert-brooks

***Scientia Professor Richard Bryant*** **H**

Posttraumatic stress disorder; cognitive processes in anxiety; memory for trauma; the role of social attachments on stress responses https://www.unsw.edu.au/staff/richard-bryant.

***Prof Tony Butler*** **F**

The Justice Health Research Program in the School of Population Health is one of the leading groups in the world focussing on the physical and mental health of adult and juvenile offenders and prisoners. This work covers mental health, ageing in prison, head injury, sexual health, domestic violence, and impulsivity, adopting a variety of methodological approaches including data-linkage, randomized control trials, face-to-face interviews, and in-depth interviews. The team would be happy to discuss research projects with students.

https://www.unsw.edu.au/medicine-health/our-schools/population-health/research/enhancing-community-health-equity/justice-health

***Dr Bridget Callaghan*** **H**

I am available to supervise Honours research theses. My research investigates how early life experiences (e.g., adversity exposure) shape brain–body communication, with a particular focus on affective neuroscience, interoception, and the microbiome. I study how the brain and body interact to influence emotional and mental health outcomes across the lifespan, especially during sensitive periods of development, such as adolescence and the perinatal period. My lab uses a combination of behavioural, psychophysiological, neuroimaging (fMRI and EEG), and biological (e.g., hormonal,

microbiome) methods. I have a number of datasets ready for secondary analyses. You can learn more about our work here: https://www.brainandbodylab.psych.ucla.edu/

***Dr Julie Chow*** **H**

I am available to supervise Honours students. My research focuses on how uncertainty and variability in the environment shape our attention and learning. I am interested in understanding the cognitive processes that help us make sense of complex and dynamic environments. This includes examining how we prioritize important information while ignoring distractions, and what factors influence attentional flexibility when the environment changes. Please see my research profile for more information: https://www.unsw.edu.au/staff/julie-chow.

***Dr Nahian Chowdhury*** **H**

I am available to supervisor honours students. My work focuses on identifying biomarkers of pain perception using electroencephalography (EEG) and transcranial magnetic stimulation (TMS), and testing novel approaches for modulating pain perception, such as repetitive transcranial magnetic stimulation (rTMS) and transcranial direct current stimulation (tDCS). Projects could involve tracking brain activity with TMS and/or EEG and probe pain perception before and after rTMS or tDCS, while also testing whether participants can distinguish real from sham stimulation to quantify blinding success and placebo driven brain and pain effects. More info here: https://research.unsw.edu.au/people/dr-nahian-shahmat-chowdhury

***Dr Kelly Clemens*** **H**, **F**

I am available to supervise Honours and Master of Psychology (Forensic) research theses. My research focuses on behavioural neuroscience and behavioural epigenetics. I am particularly interested in the changes in the brain that occur as drugs of abuse come to control behaviour, and what pharmacological or behavioural interventions could be used to reverse this process. You can find more information about my publications here https://www.unsw.edu.au/staff/kelly-clemens.

***Dr Caitlin Cowan*** **H**

I am available to supervise Honours students. My main research focus is on the microbiome-gut-brain axis. I work with both rats and humans to better understand the links between the gut microbiome, stress, and psychological and cognitive outcomes, particularly during development. Please note that due to the length of time required for microbiome sequencing and analysis it is unlikely you will be analysing microbiome data, unless you are working on a project with pre-existing data (and you have some skills in R coding already).

***A/Prof Lucette Cysique*** **H**, **F**

I am an interdisciplinary neuropsychologist who studies viral and immune factors in brain health in various clinical populations using neuropsychology, neuroimaging and clinical neurosciences (biomarkers) methods. Projects are open for Honours and Masters students based at the school of Psychology and in collaboration with The Kirby Institute (faculty of Medicine), and the Sydney St. Vincent's Hospital.
Project 1. Brain health in people with post-infective illnesses (aka Long COVID, Long Flu). This involves computerised cognitive testing, MRI-based scans, mental health, and quality of life assessments in various clinical populations with post-infective illnesses.
Project 2. Neurocognitive testing in early phases of Alzheimer's disease in a project that aims at better understanding the vascular and immune factors associated with Alzheimer's disease.

Project 3: Because my group studies various clinical populations nationally and internationally, we also develop cross-cultural tests and questionnaires to better include people from diverse linguistic and cultural backgrounds as well as First Nations' people and in collaboration with respective community groups. Therefore, we also have projects on this issue which relates to access equity to brain health.
https://www.kirby.unsw.edu.au/our-people/lucette-cysique

***Prof Tom Denson*** **H**, **F**

I am available to supervise Honours and Master of Psychology research theses. I am a social psychologist interested in anger and aggression, including clinical implications such as anger regulation. The students in my laboratory primarily conduct research on anger and aggression. This work includes aggression between strangers, intimate partner violence, sexual aggression, alcohol-related aggression, the evolutionary psychology of aggression, aggression in women, anger regulation and how to reduce aggression. We also investigate the negative and positive effects of ruminating about anger-inducing events with another person. Honours students will conduct a high-quality, basic social psychological laboratory-based experiment with approximately 150 participants. You can find more information here including my full publication list:
https://www.unsw.edu.au/staff/tom-denson and here:
https://scholar.google.com.au/citations?user=gJT2mj8AAAAJ&hl=en. Many of my journal articles were co-authored by Honours and Masters students. Please note that there will be a limited selection of experiments to choose from because most research on aggression requires ethics approval from the University-wide committee, which can take several months. Therefore, all Masters and Honours projects will be pre-approved in order to make sure thesis students can complete on time.

***Dr James Dunn*** **H**, **F**

I am available to supervise Honours and Forensic Masters research theses. My research explores why people differ in their cognitive abilities, especially in tasks with real-world and forensic relevance—such as face recognition, AI-face detection, forensic science and eyewitness memory. I use methods like computer-based tasks and eye-tracking to study these differences and their implications. Recent projects have examined super-recognisers, detecting AI-generated faces, forensic science expertise, and repeated-event memory. Interested students are very welcome to contact me to discuss potential projects. You can find a list of my representative publications here: https://research.unsw.edu.au/people/dr-james-daniel-dunn.

***A/Prof Kate Faasse*** **H**

I am available to supervise Honours students. My students' projects typically involve using experimental paradigms to enhance our understanding of placebo and nocebo effects, for example the role of social information (including social media), branding, and other treatment context factors, and how placebos can still be effective when they are given without deception (open-label placebo effects). More broadly I'm interested in how people seek and respond to health information, including their beliefs and expectations about health and medicine. You can find more information on my research profile: http://www.psy.unsw.edu.au/contacts-people/academic-staff/dr-kate-faasse.

***Dr Kelly Grace Garner*** **H**

I am available to supervise Honours students. My research examines the psychological and neural basis of task-learning, i.e. how do we learn an appropriate set of behaviours given our goals and the contexts we find ourselves in? What determines which of these behaviours become habitual,

and what impact does this have in novel circumstances? My current projects seek to understand how mindfulness and dopamine interact to influence learning and switching between task-relevant behaviours, as well as how the brain codes task-relevant knowledge across contexts. These projects would particularly suit students interested in neuroimaging, eye-tracking and computational approaches to understanding brain and behaviour. https://scholar.google.com/citations?user=nmeSlZkAAAAJ&hl=en

***Dr Erin Goddard*** **H**

I am available to supervise Honours research theses. My research aims to understand the workings of human visual system and its interaction with related brain systems (e.g., the influences of task, attention, memory on visual processes). I use behavioural methods (psychophysics) as well as neuroimaging (fMRI and MEG). You can find further information on my work here: https://goddardlab.psy.unsw.edu.au/

***Prof Bronwyn Graham*** **H**

I am available to supervise Honours research theses. My research mostly focuses on the impact of uniquely female variables, like fluctuating sex hormones over the menstrual cycle, hormonal contraceptive use, and pregnancy, on mental health conditions including anxiety disorders and premenstrual dysphoric disorder. Projects in my lab are conducted using animal models (e.g., fear extinction and pharmacological manipulations), as well as healthy and clinically anxious human samples. Please see my research profile for more information: https://scholar.google.com.au/citations?user=ny1W_AUAAAAJ&hl=en

***Prof Jessica Grisham*** **H**, **F**

I am available to supervise Honours and Master of Psychology research theses. My students' projects primarily examine psychological factors that contribute to the etiology and maintenance of anxiety and obsessive-compulsive spectrum disorders, with a particular focus on hoarding disorder and obsessive compulsive disorder (OCD). Studies in my lab are conducted with clinical samples, non-selected samples, and undergraduate at-risk samples. Please see my research profile for more information: https://www.unsw.edu.au/staff/jessica-grisham.

***Prof Eddie Harmon-Jones*** **H**

I am available to supervise Honours and Master of Psychology (Forensic) students. Research in my lab focuses on emotion and motivation in humans. More specifically, our research examines how emotion and motivation influence attentive, cognitive, and social processes. We have examined a range of emotive states and traits, including anger, jealousy, desire, sadness, and humility. We also examine conflicts between motivations from the perspective of cognitive dissonance theory. We use multiple measures in our research, including electroencephalography, event-related potentials, electromyography, and transcranial direct current stimulation. More information can be found on the links below: https://research.unsw.edu.au/people/professor-eddie-harmon-jones https://scholar.google.com.au/citations?user=YTKUOIEAAAAJ&hl=en&oi=ao.

***Prof Brett Hayes*** **H**, **F**

I am available to supervise Honours and Master of Psychology research theses. My research focuses on understanding the cognitive processes that underlie human reasoning, judgment and decision-making, and using this knowledge to help people make better decisions. My lab uses a variety of

experimental methods to study judgment and decision-making processes. Some of my current projects focus on questions such as: Why do people sometimes get trapped into cycles where they persist in making poor decisions and fail to consider better options? How do people reason and make judgments in “echo chambers” where they only hear one side of a debate or one type of evidence? How do people make judgments when some of the relevant evidence is missing or censored? For more information on this work and sample publications see: https://research.unsw.edu.au/people/professor-brett-hayes.

***A/Prof Nathan Holmes*** **H**

I am available to supervise research theses for the Honours program. I use animal models to study the behavioural and neurobiological substrates of attention, learning and memory. I am interested in the factors which regulate these processes in a normal brain, cause disturbances to these processes in a diseased brain, and the implications of these disturbances for disorders like post-traumatic stress (PTSD). In one line of inquiry, I study how basic information is processed in the brain, and how motivational states (like fear) change the way that information is processed. In a second line of inquiry, I study how the brain deals with contrasting information, and the role of context in processing this information. You can find more information about my publications here http://www.psy.unsw.edu.au/contacts-people/research-staff/dr-nathan-holmes

***Dr Philip Jean-Richard Dit Bressel*** **H**, **F**

I am available to supervise Honours and Masters students. When our actions have negative consequences, we can learn about this Action-Outcome relationship to avoid repeating that action in the future (“punishment learning”). Our research explores how this learning occurs, how decisions based on this learning is resolved, and the reasons why this process fails/becomes maladaptive. We investigate this using cutting-edge neuroscience techniques in rodent models, as well as experimental tasks in humans.

You can learn more about our research here https://www.unsw.edu.au/staff/philip-jean-richard-dit-bressel and here https://scholar.google.com/citations?user=dAuV5noAAAAJ&hl=en.

***Prof Richard Kemp*** **H**, **F**

I am available to supervise Honours and Master of Psychology (Forensic) students. I am interested in topics relating to face identification and identity verification, eyewitness memory, forensic science evidence, and jury deliberation in complex trials. See my Google Scholar profile for a full list of publications (https://scholar.google.com.au/citations?user=gSI3LAgAAAAJ&hl=en).

***Prof Simon Killcross*** **H**

I am available to supervise Honours research theses. Projects my students undertake typically involve investigations of the neurochemical and brain systems underpinning different forms of learning and behaviour (e.g., Pavlovian vs. instrumental actions, goal directed vs. habitual responses); some of this work is basic neuroscience research, and some is directed towards animal models of human mental disorders, including schizophrenia, drug addiction and disordered gambling. More information can be found from my research profile: https://research.unsw.edu.au/people/professor-simon-killcross or https://scholar.google.com.au/citations?user=dWc6OjYAAAAJ&hl=en&oi=ao.

***Prof Eva Kimonis*** **H**

I am available to supervise Honours students interested in child clinical and developmental psychopathology research. Students in my lab typically conduct research on multilevel factors involved in the development of psychopathic traits and antisocial behaviour in childhood, including salivary bioscience and emotional attention; measurement of psychopathic traits and related constructs (e.g., empathy) in childhood; and parenting interventions for improving and preventing disruptive behaviour problems in young children. More information about my program of research is available here: https://www.psy.unsw.edu.au/contacts-people/academic-staff/associate-professor-eva-r-kimonis.

***Dr Lidija Krebs-Lazendic*** **H**

I am available to supervise Honours research projects focusing on learning processes. My current research investigates testing effects on learning, particularly the forward testing effect, which shows how prior testing improves subsequent learning and retention. I'm also interested in inductive learning, where learners discover rules by observing examples—a fundamental aspect of human cognition and formal education that extends to machine learning research. My work encompasses the social, emotional, and cognitive processes involved in learning. While these areas form the core of my research interests, I'm open to students' suggestions within this broader field of how we acquire, retain, and apply knowledge. If you're passionate about understanding the intricacies of learning, I'd be excited to discuss potential project ideas with you.

***A/Prof Vincent Laurent*** **H**

I am available to supervise Honours students. My research examines the psychological and brain mechanisms underlying decision-making processes. I am particularly interested in understanding how we use cues in our environment to influence our choices between actions. To achieve this goal, I use animal subjects and various cutting edge techniques to manipulate brain function. You can find more information about my research here: https://www.psy.unsw.edu.au/contacts-people/academic-staff/dr-vincent-laurent.

***Dr Belinda Lay*** **H**

I am available to supervise Honours students. I use animal models to study how the brain initially forms memories about threats or rewards and subsequently updates this prior knowledge with new potentially contradictory information to influence behaviour. Research projects may involve the use of a variety of techniques including behaviour, pharmacology, histology, and microscopy. More details about my work can be found here https://www.decisioneurolab.com/team.

***Prof Mike Le Pelley*** **H**

I am available to supervise Honours students. I supervise projects looking at the cognitive processes underlying attention and learning, and how these processes may be implicated in addiction and psychotic disorders such as schizophrenia. Projects focus on reward learning, decision-making, and the role of eye-movements in cognition. Please see my research profile for more information: https://www.unsw.edu.au/staff/mike-le-pelley

***Dr Yanjun Liu*** **H**

I am available to supervise Honours research theses. I am interested in how people make decisions in the presence of multi-dimensional information, spanning domains of visual search, categorization,

and risky choices. My latest research focus is on understanding how false beliefs formed with early learning experience – from both self-exploration and social observation—influence subsequent decision-making. For more information about my research profile see: https://www.unsw.edu.au/staff/yanjun-liu and https://yanjunliucogpsy.com/.

***Prof Peter Lovibond*** **H**

I am available to supervise Honours students. My research examines the role of cognitive processes such as expectancy, causal beliefs and reasoning in associative learning in humans. Topics include the role of explicit contingency knowledge in learning, fear conditioning and avoidance; inductive reasoning in generalisation, inhibition and causal illusions; and the relationship between episodic memory and predictive learning. Please see my research profile for more information: https://www.unsw.edu.au/staff/peter-lovibond.

***Prof Kristy Martire*** **H**, **F**

I am available to supervise Honours and Master of Psychology (Forensic) research theses. I supervise projects that aim to improve our understanding of the development of expertise; processes of evidence evaluation in criminal trials; communication between experts and lay decision-makers in forensic settings. You can find more information about my publications here https://research.unsw.edu.au/people/professor-kristy-martire/publications.

***Dr Miriam Matamales*** **H**

I am available to supervise Honours students. My research program investigates the neural bases of action control and adaptive behaviours. My student's projects employ novel and established conditioning paradigms combined with the most recent neuroscience techniques for functional mapping and manipulation of specific neural circuits in rodent models. For an overview of my current research and to learn more about my team, visit our website: https://www.neuromodulab.org/

***Prof Skye McDonald*** **H**

I am available to supervise Honours students. My research focuses upon the neuropsychology of social cognition, that is, empathy, theory of mind, emotion and communication. We examine these processes by assessing people with traumatic brain damage, other clinical disorders (such as Autism Spectrum Disorders) or normal young adults using social tasks, questionnaires and psychophysiological measurement. Please see my research profile for more information: http://www2.psy.unsw.edu.au/Users/Smcdonald/.

***Prof Gavan McNally*** **H**, **F**

I am available to supervise Honours and Masters students. Research in my group is concerned with the fundamental psychological and brain mechanisms for learning and motivation, and how these apply to clinical conditions such as addictions, anxiety disorders, and mood disorders. We are interested in identifying these mechanisms, at the cellular, circuit, computational, and cognitive levels. We are also interested in translating this knowledge into next-generation treatments of psychological conditions. At **Honours** level our work ranges from mice and rats to humans. At **Masters** level we study human decision-making under risk and its relation to compulsive behaviour. We have ongoing projects with leading in-patient and out-patient alcohol treatment services in NSW and Victoria to study the predictors of treatment efficacy. You can find more information about my research interests and publications here https://www.unsw.edu.au/staff/gavan-mcnally.

***Dr Zayra Millan*** **H**, **F**

I am available to supervise Honours and Master of Psychology students. My research investigates pharmacological and behavioural approaches for treating alcohol use disorders and the brain mechanisms mediating their efficacy. We use alcohol-drinking mice to model alcohol consumption and cognitive/behavioural processes around choosing alcohol vs non-alcohol rewards. We use optical tools to record and manipulate the brain in treated vs. untreated alcohol drinking mice. Please see my Google Scholar profile for a full list of publications: https://scholar.google.com/citations?view_op=search_authors&mauthors=zayra+millan&hl=en&oi=ao

See also a brief summary of my currently active research area: https://bbrfoundation.org/content/alcohol-regulating-hormone-delivered-combination-glp-1-drug-could-have-potential

***A/Prof Steven Most*** **H**, **F**

Did you know that strong emotional reactions can blind you to things that are right in front of your eyes? (How's that for "blinded by emotion"?) Did you know that feeling nervous or anxious can sway what you remember or how well you can pay attention? How about that we can measure and investigate how much curiosity and personal meaning shape our approach to the world? My research combines cognitive experiments (i.e., on attention, perception, and memory) with questions about the how what we see, communicate, and achieve are shaped by attention, emotion, and how we find meaning. As you might imagine, this kind of research is both theoretically interesting and holds real life implications, including for real-world safety (e.g., when driving), eyewitness testimony, and understanding of clinically-relevant individual differences. I am available to supervise Honours research theses and am open to supervising Master of Psychology (Forensic) students. Most of my students develop thesis projects that extend ongoing research in the lab; I am also open to helping you develop new ideas (as long as they fall within the general scope of my expertise). You can find more about my lab's research at: http://www.psy.unsw.edu.au/contacts-people/academic-staff/dr-steven-most.

***Prof Michelle Moulds*** **H**

I am available to supervise Honours students. My projects investigate the nature and impact of repetitive negative thinking (RNT; e.g., rumination, worry) in psychological disorders. The broad goals of my research are to better understand how RNT contributes to the persistence of psychological distress, and to evaluate interventions that aim to prevent and more effectively treat clinical conditions by targeting RNT. Please see my research profile for more details: https://www.unsw.edu.au/staff/michelle-moulds

***Prof Ben Newell*** **H**, **F**

I am available to supervise Honours and Masters of Psychology (Forensic). Research in my lab focusses on the cognitive processes underlying judgment, choice and decision making and the application of this knowledge to environmental, financial, medical, and forensic contexts. We use a variety of experimental techniques to ask questions like what drives risk preferences, and how do people understand and deal with uncertainty? Beyond these fundamental issues we ask how these behavioural insights can be applied to pressing societal issues such as improving climate literacy, financial literacy, and sustainable behaviour. A key focus is to drive research that applies psychological science to improve people's decision-making. To find out more about these topics and read sample papers, see http://www2.psy.unsw.edu.au/Users/BNewell/index.html. From 2024 onwards there is strong potential to conduct projects that align with the focus of the new UNSW Institute for Climate Risk and Response, which I direct, see: https://www.unsw.edu.au/research/icrr

***Prof Angela Nickerson*** **H**

I am available to supervise Honours research theses. My research investigates psychological mechanisms underlying refugee mental health. Typically, Honours projects are undertaken using existing data with refugee samples or with undergraduate student samples where we simulate exposure to adversity in the lab and examine responses to these experiences. For more information please see: https://www.unsw.edu.au/staff/angela-nickerson

***Dr Zhi Yi Ong*** **H**

I am available to supervise Honours students. Student research projects will explore the neural mechanisms underlying the control of different feeding behaviours (e.g., motivation to work for food, alcohol-seeking behaviours/relapse) to better understand how these behaviours can become dysregulated in certain health conditions such as obesity and addiction. Research projects will involve the use of a variety of techniques in rodent models including chemogenetics, behaviour pharmacology, histology and microscopy. Please refer to my research profile for more information: https://www.unsw.edu.au/staff/zhi-yi-ong.

***Dr Marios Panayi*** **H**

I am available to supervise Honours students. My research uses animal models to understand the underlying psychological processes that underlie learning, attention, and behavioural control. This research includes behavioural, neural, and pharmacological techniques to understand and develop preclinical models of psychological disorders (e.g. schizophrenia and drug use). More details about my research can be found here: https://scholar.google.com/citations?user=nB5acf8AAAAJ&hl=en

***Prof Joel Pearson*** **H**

I am available to supervise Honours students. I supervise projects on many topics including the scientific study of intuition, the human imagination or lack of it (Aphantasia: blind in the mind) and Hyperphantasia, the role extreme imagery plays in everyday life, what is creativity and why are some more creative that others? Please see my research profile for more information: https://www.futuremindslab.com/science.

***Dr Yann Quidé*** **H**, **F**

The Neuroimaging, Neurobiology and Mental Health program aims to identify biomarkers for pain, and associated mental health problems, such as anxiety, depression and posttraumatic stress disorder. In particular, the program aims to determine what is the relationship existing between chronic pain mental health problems on brain morphology and/or function. See also https://www.neurorecoveryresearch.com/.
*Techniques*: structural, magnetic resonance imaging (MRI), diffusion-weighted magnetic resonance imaging (DWI), functional magnetic resonance imaging (fMRI), MR spectroscopy
*Keywords*: pain; imaging; mental health; connectivity.

***Prof Caroline Rae*** **H**

I am available to supervise Honours students. I use neuroimaging (MRI/EEG) techniques to investigate brain function. Work is currently focused on the biological bases of brain electrical conductivity, how this varies with brain activity and whether it is a useful biomarker for studying brain disorders and treatments both in static and novel functional forms.

https://scholar.google.com.au/citations?user=WqAlPigAAAAJ&hl=en&oi=ao

***Prof Rick Richardson*** **H**

I am available to supervise Honours students. We use animal models to study fear/anxiety, especially from a developmental perspective. We also explore potential pharmacological adjuncts to enhance the loss of fear. Finally, we also investigate the adverse effects of early-life adversity and possible treatments to ameliorate those effects. More details about our work can be found either here https://scholar.google.com.au/citations?user=zSifUDMAAAAJ&hl=en&oi=ao or here http://richardsonlab.psy.unsw.edu.au/.

***A/Prof Susanne Schweizer*** **H**

I am available to supervise Honours students. My current student projects focus on emotion regulation in mental health across the lifespan. Projects explore questions such as the possibility of improving emotion regulation to prevent common mental health problems (e.g., depression) using cognitive training. Other projects explore the neurocognitive building blocks of developing emotion regulation and the role of emotion regulation in social processes (e.g., social decision making) in individuals at-risk for depression. You can find out more about my work here: http://www.psy.unsw.edu.au/contacts-people/academic-staff/dr-susanne-schweizer.

***Dr Craig Sinclair*** **H**, **F**

I am available to supervise Honours and Master of Psychology research theses. My research interests are in the areas of older adult decision-making, advance care planning and supported decision-making, as well as other topics relevant to person-centred care for people living with dementia. I collaborate with a number of aged care provider organisations, and undertake applied research that includes testing programs and interventions aimed at improving care quality and the experience of older adults who are receiving care. I currently lead a project which is trialling a combined reminiscence (life story work) and future care planning intervention for older adults receiving home care services. I am also undertaking work in supported decision-making, a human rights concept that is relevant for people with cognitive disabilities such as dementia or acquired brain injury. You can find more information about my research at https://research.unsw.edu.au/people/dr-craig-sinclair.

***Prof Branka Spehar*** **H**, **F**

I am interested in a broad range of topics in perception and visual cognition including perceptual foundations of aesthetic preferences, individual differences in perception (including in autism and schizophrenia) and visual attention. I am also open to suggestions from students regarding different ideas and projects within these domains. For more information see https://research.unsw.edu.au/people/professor-branka-spehar.

***Dr Aba Szollosi*** **H**

I am available to supervise Honours students. My research focuses on how motivation, learning, and creativity enable people to improve their understanding of the world and to make increasingly better decisions. A set of projects investigates this question using simple experiments (e.g., Wordle-like games) where people need to rely on these abilities to succeed. Aligning with the aims of the new UNSW Institute of Climate Risk and Response (https://www.unsw.edu.au/research/icrr), other projects focus on climate change related applications of this research. We investigate questions such as how laypeople integrate scientific explanations with their experience, or how behavioural science can be used to encourage more sustainable behaviours. You can find a list of my publications here: https://scholar.google.hu/citations?user=MODT8gMAAAAJ

***Dr Karly Turner*** **H**

I am available to supervise Honours students. My research uses rodent models to investigate the neural circuits underlying attention, learning and decision-making. We use sophisticated behavioural paradigms to dissect the psychological mechanisms underlying complex behaviour, in combination with various tools to manipulate brain circuits. I am particularly interested in translational preclinical mental health research to bridge the bench to bedside gap, with my current work focused on understanding inappropriate responding in disorders such as obsessive-compulsive disorder (OCD). https://www.unsw.edu.au/staff/karly-turner.

***Prof Lenny Vartanian*** **H**

I am available to supervise Honours students. My research focuses on the psychology of eating and weight, and specific areas of focus include body image, self-regulation, social influences, and weight bias and discrimination. Please see my research profile for more information: https://www.unsw.edu.au/staff/lenny-vartanian.

***Scientia Prof Fred Westbrook*** **H**

I am available to supervise Honours research theses in the areas of learning and behavioural neuroscience. For more information, please see my research profile https://www.unsw.edu.au/staff/fred-westbrook.

***A/Prof David White*** **H**, **F**

I am available to supervise Honours and Forensic Masters research theses. My research aims to understand how people perceive and recognise faces. In recent years I have supervised student projects studying individual differences in people's face identification ability, cognitive processes underlying expertise in face identification and the first impressions people form when viewing faces. Face perception ability plays a critical role in our everyday social interactions, and also in important identification tasks performed in forensic and security settings. The topic of individual differences in face perception is also applicable to clinical work because of the associations between impairment in face perception abilities and other conditions (e.g. ASD, Anxiety). Interested students are very welcome to contact me to discuss potential projects. You can find a list of my representative publications here: https://research.unsw.edu.au/people/dr-david-white..

***Prof Thomas Whitford*** **H**

I am available to supervise Honours students. My students' projects use behavioural and EEG-based methods to investigate how the brain distinguishes between self-generated and externally generated actions and thoughts. This question has significant implications for understanding psychotic disorders, such as schizophrenia. Please see my research profile for more information: https://www.unsw.edu.au/staff/thomas-whitford.

***Prof Lisa Williams*** **H**, **F**

I am available to supervise Honours and Master of Psychology (Clinical and Forensic) students. I am a social psychologist and supervise projects that examine the ways that emotions both arise from and in turn shape social processes. Much of my research focuses on positive emotions such as pride and gratitude and outcomes ranging from prosocial behaviour to loneliness, and psychological wellbeing to relationship dynamics. I also have a stream of research related to equity, diversity, and inclusion in

STEM and higher education, with a focus on gender equity. You can find out more about the lab, including publications here: www.lisawilliamsphd.com.

***A/Prof Adrienne Withall*** **H**, **F**

I am available to supervise Honours and Master of Psychology (Forensic) students. I lead the Ageing at the Margins lab and equity and digital innovation in cognitive assessment is a key focus of my research. I specialise in young onset dementia, particularly priority populations at risk of accelerated cognitive decline (including Aboriginal and Torres Strait Islander peoples, people with harms from drug and alcohol, and older justice-involved people). I use mixed methods to aid the translation of my research into policy and clinical practice. You can find out more about my work here: https://www.unsw.edu.au/staff/adrienne-withall

***Dr Joanna Yau*** **H**, **F**

I am available to supervise Honours and Master of Psychology students. Adaptive fear and anxiety enable responses to threat and danger, but excessive fear is debilitating and defines stress-related and anxiety disorders. A hallmark of these disorders is reduced ability to learn about safety and suppress fear. My research uses rodent models to investigate the neural processes underlying fear and safety, how dysregulation in these systems contributes to disorders like PTSD, and how targeted interventions can restore normal functioning. These projects will involve techniques such as in vivo calcium imaging, optogenetics or chemogenetics.