

## SWINBURNE UNIVERSITY OF TECHNOLOGY

### Faculty of Life and Social Science



SWINBURNE  
UNIVERSITY OF  
TECHNOLOGY

### Psychological and Statistical Sciences

#### Staff and Research Areas Available for Psychology Thesis Supervision in 2011

*Swinburne psychologists available for postgraduate research supervision at honours, masters and doctoral levels have a wide range of research interests. Staff names, research interests and availability for supervision are given below. Many staff have specific projects available in these areas and if you wish to talk to a staff member please contact them by email.*

**Dr Jo Abbott:** [jmabbott@swin.edu.au](mailto:jmabbott@swin.edu.au)

The use of internet-based technologies (such as internet) to deliver mental and physical health and wellbeing interventions. Jo is available for supervision of 1 full-time student in 2011.

**Assoc Prof David Austin:** [daustin@swin.edu.au](mailto:daustin@swin.edu.au)

The nature and treatment of anxiety disorders including Panic, Post Traumatic Stress Disorder and Social Anxiety Disorder; The use of information/communication technologies (such as internet) to deliver mental and physical health interventions; Cognitive behavioural therapy, all aspects of Autism and developmental disorders. David is available for supervision of part-time students and 3 full-time students in 2011.

**Prof Glen Bates:** [gbates@swin.edu.au](mailto:gbates@swin.edu.au)

Glen's research interests focus on the anxiety disorders of social anxiety disorder (SAD) and posttraumatic stress disorder (PTSD). His research on SAD deals with factors which impact on treatment response and the role of personal narratives in the maintenance of the condition. In relation to PTSD he has investigated the relationship between trauma responses and posttraumatic growth. He has also conducted research on the role of anger in SAD and PTSD. Glen is available for supervision of 1 doctoral student in 2011.

**Dr Sunil Bhar:** [sbhar@swin.edu.au](mailto:sbhar@swin.edu.au)

The relationship between reminiscence and mental health outcomes; The role of self-beliefs in the maintenance and emergence of obsessive compulsive disorder; The risk and protective factors for suicide; An evaluation of evidence based psychotherapies for older adults; An investigation of psychotherapy processes and outcomes in university based clinics. Sunil is available for supervision of part-time students and 1 full-time student in 2011.

**Dr Joseph Ciorciari:** [jciorciari@swin.edu.au](mailto:jciorciari@swin.edu.au)

The biological basis of personality and personality disorders. Using neuroimaging such as brain electroencephalography (EEG) topographical mapping, EEG photic driving, EEG coherence together with neuropsychological and psychological measures. This approach has been applied to the investigation of gender, memory, intelligence, emotional intelligence, personality traits, families with a history of mental illness and risk factors, substance abuse in schizophrenia, trauma, Dissociative Identity disorder and the biological basis of suicide. Joe is available for supervision of part-time students and 3 full-time students in 2011.

**Assoc Prof Roger Cook:** [rcook@swin.edu.au](mailto:rcook@swin.edu.au)

Families and relationship issues. Family formation and functioning; especially family transitions, in-law relationships and the use of assisted reproductive technology to achieve a family. Men's issues and the construction of concepts of masculinities with a focus on how men cope with adversity. The psychological effects on men of infertility. Systemic counselling processes and the ways in which these are relevant to counselling couples and families. Special projects: the psychological concerns around pre-nuptial agreements. Roger is available for supervision of part-time students and 3 full-time students in 2011.

**Prof David Crewther:** [dcrewther@swin.edu.au](mailto:dcrewther@swin.edu.au)

Psychophysics of visual attention, functional neuroimaging of cognitive function, particularly genetically related mental retardation. Visual neuroscience, particularly abnormal visual development and areas such as autistic tendency and amblyopia. Also reading and reading disability, attention deficit disorder, neuroimaging of working memory, change detection, cognitive neuroscience of consciousness. David is available for supervision of part-time students and 3 full-time students in 2011.

**Dr Christine Critchley: [ccritchley@swin.edu.au](mailto:ccritchley@swin.edu.au)**

Attitudes, attributions, public opinion, trust and power. In particular, how power and status differentials influence attitudes and attributions towards higher status individuals/groups and lower status individuals/groups. Also research design and statistical analyses, particularly test construction, structural equation modelling, latent class analyses and multilevel modelling. Christine is available for supervision of part-time students and 4 full-time students in 2011.

**Dr Janet Dickson: [jdickson@swin.edu.au](mailto:jdickson@swin.edu.au)**

Anxiety disorders (including Social Anxiety) and depression, particularly linked with autobiographical memory. Also counselling psychology, ageing, and psychological measurement. Janet is available for supervision of 1 full-time student (or 2 part-time) in 2011. NB: Janet is located at our Lilydale campus

**Dr Bruce Findlay: [bfindlay@swin.edu.au](mailto:bfindlay@swin.edu.au)**

Social psychology, particularly the nature of close relationships like marriage and friendship. Some areas of organisational psychology, such as job satisfaction and work-life balance. Also personality and individual differences including humour, emotional intelligence, and spirituality. Bruce is available for supervision of part-time students and 2 full-time students in 2011.

**Dr Lorraine Fleckhammer : [lfleckhammer@swin.edu.au](mailto:lfleckhammer@swin.edu.au)**

Exploring the relationship between coping mechanisms, psychological health, psychological insight and developing measures to capture this complexity. Includes aspects of personality and autobiographical memories. Also interested in hoarding behaviour and childhood attachment issues. Lorraine is available for supervision of part-time students and 1 full-time student in 2011.

**Dr Roslyn Galligan: [rgalligan@swin.edu.au](mailto:rgalligan@swin.edu.au)**

Regulation/expression of emotions and their role in child/adolescent internalising and externalising disorders, and adult adjustment especially when coping with difficult circumstances. Models of self and their relationship to psychological problems at various stages of life. Using attachment/ schema theory perspectives as well as analysis of parenting and family functioning to understand both emotional functioning and models of the self. Design and evaluation of intervention/therapy programs for child/adolescent/family or adult to alter emotional functioning/self views. One current project relates to programs for women at risk of developing depression ante- or post-natally. Roslyn is available for supervision of part-time students in 2011.

**Dr Karen Hansen: [khansen@swin.edu.au](mailto:khansen@swin.edu.au)**

The measurement, utility and development of Emotional Intelligence (EI) in Australian organisations, adolescents, clinical populations and the education system. Karen is available for supervision of part-time students and 2 full-time students in 2011.

**Dr Elizabeth Hardie: [ehardie@swin.edu.au](mailto:ehardie@swin.edu.au)**

Social psychology, including the self, social identity, culture, gender, and group processes (e.g., in work units, sports teams, footy fans). Other interests include health psychology, particularly the role of self-coping complexity in stress and illness, public trust in medical technology, and beliefs about the health care system. Also, psychometrics and scale development. Elizabeth is available for supervision of part-time students and 4 full-time students in 2011.

**Dr Pat Johnston: [pjohnston@swin.edu.au](mailto:pjohnston@swin.edu.au)**

Social and affective cognitive neuroscience. Face and facial emotion processing in healthy and clinical populations (ie. schizophrenia and autism). Investigation of the human "mirror neuron" system. Integrative research methods in cognitive neuroscience employing complementary use of neuroimaging methods, TMS, eye-movements, EEG and computational modelling. Pat is available for supervision of part-time students and 3 full-time students in 2011.

**Dr Jordy Kaufman: [jkaufman@swin.edu.au](mailto:jkaufman@swin.edu.au)**

How brain maturation relates to cognitive and social development in human infants and children. Specifically, the development of spatial cognition, object permanence, face recognition, attachment, and time perception. Generally, trying to better understand the visual and emotional worlds of infants and children. Jordie is available for supervision of part-time students and 5 full-time students in 2011.

**Assoc Prof Britt Klein: [bklein@swin.edu.au](mailto:bklein@swin.edu.au)**

Development and evaluation of internet-based (and other communication technologies) clinical assessment systems and singular and transdiagnostic intervention programs for anxiety, mood, and alcohol and substance abuse disorders; including other addictive disorders (e.g., gambling, eating), and physical and mental health preventative and wellbeing programs. Britt is available for supervision of part-time students and 2 full-time students in 2011.

**Assoc Prof Ann Knowles: [aknowles@swin.edu.au](mailto:aknowles@swin.edu.au)**

Professional and ethical issues related to the practice of psychology (e.g., confidentiality; boundary issues). Forensic psychology (e.g., fear of crime; attributions in cases of rape, domestic violence, dangerousness and drug use) and the psychology of Internet use. The application of theories describing the relationship between beliefs, attitudes, and behaviour to applied, especially forensic, settings. Ann is available for supervision of part-time students and 4 full-time students in 2011.

**Dr Simon Knowles: [sknowles@swin.edu.au](mailto:sknowles@swin.edu.au)**

Psychological and biopsychological aspects of chronic medical conditions, especially involving the brain-gut-axis (e.g., Crohn's Disease, Ulcerative Colitis, Irritable Bowel Syndrome). Other research interests include: Psychoimmunity, impact of work lifestyle (specifically shiftwork), stress and coping, and cognitive processes underlying psychopathology. Simon is available for supervision of part-time students and 3 full-time students in 2011.

**Prof Michael Kyrios: [mkyrios@swin.edu.au](mailto:mkyrios@swin.edu.au)**

The nature and treatment of obsessive-compulsive and related disorders (e.g., OCD, hoarding, gambling, compulsive buying, body dysmorphic disorder, other impulse control disorders). Depression and anxiety. Developmental influences on adult psychological disorders. The "self" in psychological disorders. Neuropsychological aspects of psychological disorders. Psychological aspects of chronic medical conditions (e.g., diabetes). Cognitive-behaviour therapy. Primary care. Mike is available for supervision of part-time students and 2 full-time students in 2011.

**Dr Richard Moulding: [rmoulding@swin.edu.au](mailto:rmoulding@swin.edu.au)**

Primary interest is models of obsessive compulsive disorder, including role of attachment and control beliefs. Related difficulties such as Generalized Anxiety Disorder and hoarding. Primary care. Cognitive therapy. Scale development. Richard is available for supervision of part-time students and 4 full-time students in 2011.

**Assoc Prof Greg Murray: [gwm@swin.edu.au](mailto:gwm@swin.edu.au)**

Bipolar disorder: quality of life, cognitive behavioural treatment, and personality vulnerability. A particular interest is in the circadian system as a possible biological substrate of vulnerability to mood disorder. Related interests are Seasonal Affective Disorder, sleep and mood variability. Greg is available for supervision of 1 full-time student in 2011.

**Dr Maja Nedeljkovic: [mnedeljkovic@swin.edu.au](mailto:mnedeljkovic@swin.edu.au)**

Anxiety Disorders, particularly obsessive compulsive disorder, Body dysmorphic disorder, Eating disorders. Psychological models of psychopathology and treatment related issues; Epidemiology; Health program evaluation; Health economics. Maja is available to supervise up to 4 full-time students in 2011.

**Dr Conrad Perry: [cperry@swin.edu.au](mailto:cperry@swin.edu.au)**

Language processing from a cognitive, cognitive neuroscience, mathematical and linguistic perspective, with a particular emphasis on comparative cross-language processing in European (English, German, and French) and Chinese (Mandarin and Cantonese) languages. In addition, I have done some research examining higher-level semantic processing from a cognitive perspective. Conrad is available for supervision of part-time students and 4 full-time students in 2011.

**Dr. Jeff Pfeifer: [jpfeifer@swin.edu.au](mailto:jpfeifer@swin.edu.au)**

Forensic psychology, especially in relation to police, corrections, and juries. Specific areas include eyewitness research, risk assessment, jury selection, fear of crime, evaluation of therapeutic programs for offenders, and psychological aspects of criminal investigations. Social psychology of attitudes, social cognition, and inter-group relations (e.g., cross-racial issues). Jeff is available for supervision of part-time students and 4 full-time students in 2011.

**Dr Andrew Pipingas: [apipingas@swin.edu.au](mailto:apipingas@swin.edu.au)**

Application of neuroimaging and cognitive methodologies in the study of Ageing and Healthy ageing. Ageing research has focussed on cognitive and brain electrical methodologies (SST) in both cognitively healthy and cognitively impaired individuals, such as in Alzheimer's disease. Projects related to healthy ageing include nutritional/vitamin and herbal

intervention studies in an older population. Andrew is available for supervision of part-time students and 3 full-time students in 2011.

**Dr Nicki Redlich:** [nredlich@swin.edu.au](mailto:nredlich@swin.edu.au)

Child and adolescent mental health, and the treatment of eating disorders, anxiety and depression. Nicki is available for supervision of part-time students and 1 full-time student in 2011.

**Prof Andrew Scholey:** [ascholey@swin.edu.au](mailto:ascholey@swin.edu.au)

Nutrition/nutraceuticals and behaviour, neurocognitive effects of glucose and other macronutrients. The relationship between glucoregulation and cognitive function including during ageing. Cognitive, mood and anti-stress effects of herbal supplements and other dietary interventions. Physiological responses to mental effort and emotional processing. Novel platforms for cognitive testing in the field (including internet, mobile phones, PDAs). Recreational drugs and behaviour. Andrew is available for supervision of part-time students and 4 full-time students in 2011.

**Dr Jason Skues:** [jskues@swin.edu.au](mailto:jskues@swin.edu.au)

Learning disabilities, learning difficulties, bullying and coping in childhood and adolescence. Jason is available for supervision of part-time students and 2 full-time students in 2011. NB: Jason is located at our Lilydale campus

**Prof Con Stough:** [cstough@swin.edu.au](mailto:cstough@swin.edu.au)

The biological basis, and assessment of intelligence and emotional intelligence (EI) with a focus on EI in school settings, the workplace and EI deficits in psychiatric disorders. Illicit drugs, driving and cognitive performance; the effect of chronic usage of illicit drugs on neuropsychological performance. Improving cognition in the elderly, particularly cognitive training. Evaluating the cognitive, biological and health effects of natural drugs; cognitive effects of pharmaceutical drugs; fatty acid supplementation in clinical depression. Con is available for supervision of part-time students and 4 full-time students in 2011.

**Assoc Prof Steve Theiler:** [stheiler@swin.edu.au](mailto:stheiler@swin.edu.au)

Young's maladaptive schemas and how they relate to psychological health. Also schemas represented in early memories and what they tell us about personality. Psychological distress in university students. Steve is available for 2 fourth year students in 2011. NB: Steve is located at our Lilydale campus.

**Dr Anna Thomas:** [athomas@swin.edu.au](mailto:athomas@swin.edu.au)

Gambling and Problem Gambling. In particular underlying motivations for gambling and gambling accessibility and how these factors relate to antecedents (e.g., life stressors, negative emotions, AOD and mental health co-morbidity, social support, maladaptive coping) in the prediction of gambling frequency and gambling problems. In addition self-regulation strategies used to control or manage gambling. Anna is available for supervision of part-time students and 1 full-time student in 2011.

**Dr Ben Williams:** [bwilliams@swin.edu.au](mailto:bwilliams@swin.edu.au)

Cognitive psychology, social cognition, and psychology of music. Special areas of interest rhythm perception and production, musical learning, and the use of music for affective regulation. Implicit methods in cognitive, clinical and social psychology. Ben is available for supervision of part-time students and 4 full-time students in 2011.

**Dr Lisa Wise:** [lwise@swin.edu.au](mailto:lwise@swin.edu.au)

Cognitive factors in skilled performance and expertise (including spatial awareness and temporal compression). The use of simulation and virtual reality environments in training and education (particularly in aviation and medical settings). The impact of digital technologies, social networking and portable personal communication tools on concepts of identity, risk and trust; Physical, cognitive and self-efficacy effects of martial arts training. Lisa is available for supervision of part-time students and 2 full-time students in 2011. NB: Lisa is located at our Lilydale campus

**Dr Catherine (Katie) Wood:** [cwood@swin.edu.au](mailto:cwood@swin.edu.au)

Child and adolescent mental health, in particular, attention, behaviour/emotional and learning problems. Twins and their families. Psychopathic personality traits, anger and aggression. Katie is available for supervision of part-time students and 1 full-time student in 2011.