

Professional Doctorate of Psychology (Clinical Psychology)

Michele Bell The Process of Attachment When an Infant is Born Premature

Celeste Benetti A longitudinal investigation of factors influencing adolescent drinking

Matthew Currie Aggression Replacement Training (ART): An evaluation study

Jane Dunkley Area of Research: Post-Traumatic Growth

Deborah Eyles Depression in Adolescents: The Role and Pathway of Individual Factors in the Development of Depression

Jennifer Lloyd Emotional intelligence development in children

Marie Roberts Family functioning and mature-age mothering

Tamara Wolan The effect licit and illicit drugs have on affective processing and storage of trauma and non-trauma-related information

Deborah Zaks Development, piloting and evaluation of a brief humour intervention designed to enhance the well-being of both clinical and non-clinical groups

Professional Doctorate of Psychology (Counselling Psychology)

Emma Aiken Motivations and Characteristics of Pathogenic and Salutogenic (Health Creating) Behaviours Within Stressful Environments

Kathryn Anderson Subjective identity: Processes and challenges, or, the path to being me

Andrew Armstrong Dispositional and Affectual Dynamics of Self-Constraint in Response to Life Stress

Loretta Bell Autobiographical Memory Recall, Self-Concept and Cognitive Functioning in Female with Post-traumatic Stress Disorder

Matthew Berry Investigating the role of motivation in maintaining changed drug-using behaviour

Francis Cahill Personal – Organisation Values

Adele Carmady Factors that improve couple counselling

Robert Cole Core Beliefs and Significant Life Events

Lyndel Cuesta Differentiating the Entrepreneurial Life Story

Anne Curtis Object relations, social cognitions, defences and resilience: An investigation of terrorism

Julie Fricker Predicting infidelity: The Role of attachment styles, lovestyles, and the investment model

Deirdre Gartland Using a new measure of resilience (Adolescent Resilience Questionnaire) to investigate the relationship between resilience and emotional well being among young people in general and young people living with a chronic illness

Kenneth Greenwood Relative efficacy of self-help treatment for insomnia

Miriam Grossbaum Negotiating life challenges: midlife perspectives

Tanya Harkness Narrative themes in depression and vulnerability to depression

Marian Kolta Malingering: Can it be detected?

Preethi Krishnan The role of expectancies, negative affects, and family factors as predictors of alcohol dependence and motivation for change, before and after treatment in an Indian setting

Monica Lederman Predictors of internalising problems in adolescents

Colleen Lovell Supervisee experiences of poor and harmful clinical supervision

Wenda McPherson The Experience of families Who Have a member With a Diagnosis of Borderline personality Disorder

Lyndon Medina Children and adolescents who sexually abuse: Trauma, motivation and family environment

Renee Miller Factors associated with first-time mothers' experience of motherhood

Filia Papadimitriou Evaluating counselling effectiveness: Comparison and evaluation of various models

Ann Pensom Relationships in the workplace: The effects of attachment style, personality, family adjustment and emotional intelligence.

Maureen Pianta Spirituality as a Psychological Resource for Coping in Times of Adversity

Amanda Rethus Why senior women exit corporations mid-career

Helene Richardson Emotional Trauma and Healing: Examining Different Counselling Interventions

Mariel Sanchez-Rockliffe Understanding the influence of migration on personal identity

Cassandra Schwind Bad luck comes in three's: A narrative approach to the positive and negative impact of cumulative negative events

Elizabeth Shelton Women's experience of Embodiment in Gestation and Birth Giving

Vivien Silbert Conscious and Unconscious Transmission of Trauma in 2nd and 3rd generation Holocaust survivors

Monica Thielking An investigation of attitudes towards the practice of school-based psychological services

Vicki Trethowan Preparation of School Counsellors for Dealing with School Crisis management in the 21st Century

Suzanne Warner Holiday and school term sleep patterns of Australian adolescents

Susan Wheeler Investigation of the desired attributes required by Child Protection Workers

Susan Whelan An exploration of marital interaction: Examining adult attachment, self and partner perception, marital distress and satisfaction, and conflict resolution style

Diana White The effects of personality, value system and authoritarianism on culpability judgements

Katie Wyman Family intervention for people with a mental illness: Designing and evaluating an intervention applicable with Australian Mental Health Services

Professional Doctorate of Psychology (Health Psychology)

Jo-Anne Abbott The influence of the quality of childhood sports participation experiences on adult motivation to be physically active

Allison Clarke Impact of chronic illness on adolescents' mental health, well-being and quality of life, as mediated by personal, family and social resources and coping skills

Rosemary Higgins Factors related to spontaneous changes in fat intake and physical activity after coronary angioplasty

Naomi Lillis Evaluation of the complaints process at the Health Services Commission of Victoria

Usha Mudaliar Impact of parental cardiac illness on adolescent children

Grant O'Sullivan Body image and psychological disturbance in targeted 'at risk' groups of men

Sally Shaw Seeking support or staying silent: Predictors of behaviour following a diagnosis of multiple sclerosis

Andrew Sinclair The primary health care experiences of gay men in Australia

Sandra Walker Prostate Cancer Support Groups: An evaluation

Kellie Zahra Obesity, Binge Eating and Binge Eating Disorder in Victorian Primary School Children

Master of Arts

Romany Amarasingham The Rehabilitation of Sri Lankan child soldiers: Examining current social policy

Vanessa Bilog The Investigation of neuro-cognitive, mood and brain egg effects of pine needle extract, ropren on healthy elderly patients

Fiona Collins Managing Intergenerational Change – Family Philanthropy in 21st Century Australia

Rosemary Cooper Cyberspace and the Evolution of Human Consciousness

Stephen Garvey The maintenance of cultural hegemony and its ramifications upon democracy

Christopher Jones The impact of own and others perception of humour style on physical, and emotional well being and satisfaction with life

Gordon McCaskie Brian Boyd: A biography of a Trade Unionist

Catherine McMahon The eye of the storm – The impact of covering disaster on journalists

Glen Menezes Ethical Issues for Psychological Practice in a Large Organisation

Amy Powell 3D Games: The ultimate interface

Master of Applied Science

Robert Chapman Oculomotor Characteristics of Horizontal and Vertical Saccades During Visual Search

Paul De Piazza Synthesis and Characterization of Nanostructured and Nanoporous Polymeric Materials

Luke Downey The psychological determinants of sporting performance

Paul Dyke Molecular Bose Einstein Condensates

Teresa Harding Predicting Optimal Emulsifier Systems Using Interfacial Tension

My Linh Ly Coatings from Recycled PET for Paper and Cardboard

Shroug Mohamed An investigation of Capacitively coupled electrodes for non-invasive brain electrical activity recording

Warwick Park Functional Interaction of Brain Region During Cognitive Processing

Andrew Patterson Performance Based Ratings for Australian Rules Football

Chieh Renuck Immunological Analysis of Non-Structural Proteins of Rotavirus

Cynon Sonkkila Functional neurological imaging and positron emission tomography

David Steedman Investigating Changes in Near Infra-Red Signal associated with functional responses of the brain due to visual stimulation

Geek Ching Tan Cloning and Expression of the Capsid Gene of Human Calicivirus

Michael Thomsen Immunomodulatory effects of Traditional Chinese Herbal Formulation, Ginseng and Dang Gui Ten Combination (PS10)

Doctor of Philosophy

Yulia Alekseeva Actin Related Proteins in Marine Proteobacteria

Paul Allsopp Measuring team performance and modelling home advantage in cricket

Laith Al-Mashat Developing a new technique for a magnet-friendly eye tracker system

Thomas Alves Managing medium density residential development: A municipal case study

Robyn Ambler Re-connecting, Re-establishing, Reviewing Relationships and the Process of Recovery: The Lives of Women and Their Children after Leaving Situations of Domestic Abuse

Dianne Anderson Functional neuroimaging of development of memory in children

Julie Angerosa The Role of Adsorption in the Adsorbing Colloid Flotation of Anions

George Aranda Schizophrenia and Affective Facial Processing

Ronald Aspin Public-private partnerships as a solution to housing affordability problems: A case study of inner urban development

Christopher Barling Factors Affecting the Adoption of Mathematical Technology in the Victorian Senior Secondary Classroom

Tristan Barnett Mathematical Modelling in Hierarchical Games with Specific Reference to Tennis

Cali Bartholomeusz The effects of estrogen treatment on neurocognition in healthy women and women with schizophrenia

Julie Barton The neural substrates of false memory

Katrina Bello Assessment and treatment software for developmental disabilities based on neuroscientific theories of information processing

Jacqueline Bermingham Immunological responses to Rotavirus Nonstructural protein, NSP4

Gordon Bewsell Colloidal characterisation of biologically derived substrates

Gareth Boardman An information theory interpretation of relativistic phenomena

Dina Bowman Desperately Seeking Success: The Family Life of Entrepreneurs

Nicola Brackertz Managing for service outcomes: an investigation of management changes in Victorian local government authorities due to the implementation of a strategic facilities management

David Brosnan The Role of Housing Policy in Civil Society

Gordana Bruce Living with heart disease: The needs of cardiac patients and their partners and the effect of heart disease on the couples' relationship

Clare-Louise Brumley The health status of endurance athletes

Benjamin Bullock Mood disorders and circadian rhythms

David Camfield The Biological Basis of Personality: The Relationship Between Personality Traits and Electrophysiology

Bradley Carter The Prediction of Both Short and Long Term Outcomes Following Severe Brain Injury using Somatosensory Evoked Potentials

Meg Carter Negotiation of domestic labour in families: strategies for creating and for resisting a culture of cooperation

Sheau Tsuey Chong After school activities: To promote positive youth development through community programme

Mathilde Clements Emotional Intelligence (EI) in Sport, with Emphasis on the Role EI plays in Prediction of Performance-level in Athletes

Jacqueline Coulton Biotransformation of 1, 8-cineole

Frank Danieli The measurement of distributed processing in the neocortex via EEG

Rocco Di Vincenzo Nutritional influences of the development and progression of non insulin dependent diabetics mellitus (NIDDM) in lean adult Vietnamese respondents

Martin Dubaj An Objective Investigation of Neural Electrical Activity Evoked by Taste Stimuli in Humans

Jacques Duff Investigation of the Effectiveness of Neurotherapy in the Treatment of ADHD using SSPT

Peter Eide Psychological, neuropsychological and electrophysiological correlates of mild depression

Sarath Ekanayake Characteristics of particles contributing to turbidity in potable water distribution networks

Daniel Eldridge The characterisation and adsorption properties of the three crystal structures of titanium dioxide

Julia Ellis Dopamine genes and pre-frontal cognitive function

Peter (Scott) Ewing Wired High Rise: A case Study in New Forms of Governance

George Favas Lignite Drying Technologies For Power Generation: Physicochemical Properties And Combustion Reactivity Of Dried Lignite Products

Irina Filonenko Parents and Children's Communication Patterns in Interpersonal Conflicts

Donald Forbes Dynamic Prediction Models in Australian Rules Football using Real Time Performance Statistics

Brett Foster Mechanisms of anaesthetics at molecular and cellular level (temp title)

Carly Gamble Transient Telomerase Gene Delivery to Rejuvenate Myofibroblasts for Tissue Engineering

Andrea Garing Charlatanism: The real impostors of the business and academic world

Nahal Goharpey Repetitive Behaviour in Autism as a Symptom of Executive Dysfunction

Aaron Gosling Use of biological entities (enzymes and/or microbes) to catalyse a desired chemical transformation (provisional title)

Marcus Gray An investigation into the Psychophysiological Neuropharmacological and Behavioural facets of Anticipatory Anxiety

Bernadette Guerin Lateralised Automatic Semantic Spreading Activation in Schizophrenia: Evidence From the Indirect Priming Paradigm

Valerie Guille Event Related Potential (ERP) Markers of Serotonergic and Dopaminergic Function

Denise Hamblin Effects of Electromagnetic Fields emitted by Mobile Phones on Human Brain Activity

Barry Hancock An inquiry into the politics of rural water allocation in Victoria

Kristi Hanson The Production, extraction and characterisation of Agaricus bisporus Laccase from Spent Mushroom Substrate

Philip Harris Cortical Activity in Musical Perception and Recognition

Elaine Hartley The fractal self: from indeterminacy to participatory constructions of meaning

Samantha Henderson Friendster: A case study in the merging of online and offline friendship networks

Sophie Holmes The Nature of Expertise in Family Therapy

Hamish Innes-Brown The Cognitive Neuroscience of Cross Modal Attention: An Exploration

Barbara Ives Inner Urban Public Housing Redevelopment – A Case Study of the High Rise Estate at Kensington, Melbourne

Melinda Jackson The effects of sleep deprivation and dexamphetamine on neuropsychology function and driving performance in professional drivers

Glenn Jessop Disability and wired communities

Gregory Jordan The Structure-Activity Relationship of Active Ingredients in Essential Oils

Ivanka Juric Cortical Function in Post-traumatic stress disorder (PTSD): Steady State Probe Topography (SSPT) Study of Working Memory

Helen Kalaboukas Suicidal Ideation and Behaviours Across Cultures in Australian Tertiary Institutions

Chuen Tat Kang Biocatalysis (temp title)

Fiona Kelly Microorganism-Particle Association in Water Supply Systems

Neela Khan A Study of Numerical Modelling of Biological Systems

Teddy Kurniawan Computation of Induced Internal Electromagnetic Fields Within Human Body Due to External Radio-Frequency Exposure

Jay-Maree Lagwa The Electrophysical Effects of Transcranial Magnetic Stimulation (TMS) and Sertrrline on Emotional Processing

Antony Lamb Idealism, Cooperation or Opportunism? – A study of the relationships between Australia's first Minority Country Party Government and the majority parties. Labor and Conservatives through a biography of Lt. Hamilton Lamb MLA, only sitting MP to die for Australia during WW2

Margaret Learmonth The 1989 Pilots' Dispute: The Accord, the Mates and the Renegade Union

Shuk Man Sumie Leung The effects of dopamine receptor modulation on mismatch negativity in humans

Hongwei Li Aging related changes in sustain attention: A functional brain electrical activity study

Craig Lincoln Multidimensional Nonlinear Femtosecond Spectroscopy of Heme Proteins

Karin Lindgaard Philosophical approaches to emotion and illness

Barbara Livett Brain Electrical Activity During the Processing of Native and Later Learned Languages

Jackson Mahr Is there such a thing as 'Brand Europe'? The study of global brand design, media and their interaction with cultures and national identities

Diane Mainwaring Problem Solving in the Mathematically Gifted: A Neurophysical Approach

Mathew Marques Perceptions of Intellectuals: Attitude and personality explanations

Craig (Peter) McIntosh Crisis Management: The Rise of Neo-Liberalism in Regional Governments in Australia and Canada

Jacqui McRae The Extraction and Analysis of Pharmaceutical Compounds from Plants

Ian McShane Building Communities: Managing Public Assets to Provide Social Value

Peter Milne Brief Shining Moments – Gough Whitlam's Career as Allegory

Zissis (Jack) Minas The Effects of Diabetes Mellitus on Cardiovascular Disease of Athero sclerosis

Natasa Mitik Dineva Bacterial cell behaviour in micro/nano confined environment

Vicky Mrowinski New Linear Analysis of Motion Processing and its Scalp Topography

Arietta Nikitiuk Nutritional intervention for women at risk for development of cervical dysplasia

Barry O'Neill Pharmacology of Loudness Dependence of Auditory Evoked Potentials

Miroslav Orel Culture as a process: Towards the establishment of discipline of Culturology in Australia

Anita Panayiotou Brain and Behaviour in Developmental Disorders

Rosemary Panelli Psychosocial outcomes of interventions relating to individuals with epilepsy

Sharnel Perera Emotional Processing and the effects of TMS

Robbie Peters Lower Class Urban Culture and Space in Suralaya, Indonesia

Paul Pickering Identification and Evaluation of Genetic Factors Determining Grain Texture in Important Australian Wheat Varieties

David Prater Self-Publishing in the Field of Australian Literature

Claire Rafferty Modernity and Aesthetics: The Philosophy of Art after Kant

Martin Ramsay The Fiction of Banana Yoshimoto and its Place in Contemporary Japanese Society

Jennifer Rankin Cultural Sustainability: Investigating Complexity, Process, and the Thermodynamics of Civilization

Meredith Rayner An analysis of 'at risk youth' policy

Nicola Reavley Effect of psychosocial support, relaxation training and nutritional advice on quality of life and stress hormone levels in cancer patients

David Richards Sports Prediction Using Statistical Methods and Artificial Neural Networks

Natalie Rinehart Psychological and Sociological Predictors of Professional help-Seeking in Heroin Addicts: Comparison of the Theory of Planned Behaviour and a Skills and Resources Model

Richard Robertson Men and Masculinities: An examination of perceived social and emotional support in homosexual and heterosexual men's non-sexual friendships

Joseph Sampson Moving boundary solutions of the shallow water wave equations

Kiran Shah Molecular Epidemiology of Human Rotavirus Isolates Causing Disease in Children in Melbourne

Andrea Sharam Market Segmentation and Domestic Electricity Supply in Victoria

Yvonne (Beata) Silber The effects of dexamphetamine and methamphetamine on cognition, brain activity, driving ability and sobriety test performance

Benjamin Skellett The dynamical relationship between electrical activity and haemodynamic measures in the human brain

Andrew Smairl Investigations of the Micellar Electrokinetic Chromatographic Separations of Complex Mixtures of Antibiotic Drugs

Kerrie Smith Investigation of the gene family encoding aquaporins, the protein channels regulating water movement, in wheat

Jo-Lene Spong Sex differences in cerebral asymmetry for depressed patients

Mysore Srikanta Swamy Longitudinal modelling of demographic, academic and psychological influences on intentions to remain at school

Wendy Stone Down Shifting and Housing: How Changing Consumption Patterns relate to Housing in Contemporary Australia

John Stone Political and social factors in the decline of mass transit: an investigation of failed policies to rebuild Melbourne's mass transit

David Stuart The Nation, Consumption and Globalisation: The Case of Thailand

Lisa Tatai Evaluation of NovoSorb Biodegradable Polyurethanes: Understanding Degradation Characteristics

Danielle Tilmanis Examination of the Growth and Therapeutic Properties of *Agaricus blazei*

Effi Tomaras Childhood and Children's Participation Rights Under International Law: Deconstructing Cultural Relativism and Re-constructing the Political?

Steven Tomlinson Risk assessment of pathogens in drinking water

Philip Tu Catalytic Conversion of Mixed Plastics Waste into Useful Chemicals

Andrew Tucker Three Dimensional Visual Attention and Ocular Function

Anthony Turton The Effects of Serotonergic and Noradrenergic Systems and Emotional Processing: A Functional Imaging Investigation Using Steady State Probe Topography (SSPT) and Functional Magnetic Resonance Imaging (fMRI)

Raffaele Uglietta Molecular basis for actions of health-promoting components in functional foods

Cindy Van Rooy Individual Differences in Working Memory

Tracey Varker The prevention of Trauma Reactions in At-risk Groups

Michael Ventura Novel Techniques for the Fabrication of Phonic Crystal Structures

Robert Walsh A New Technique for Pain Control, Depression and Stress Reduction – Afterimage Visual Perception Thought Stopping

Jarrod Walshe An Investigation into the role of cognitive and Non-Cognitive Factors in the Prediction of Susceptibility to Media Based Persuasion Attempts

Kelly Walton Genetic engineering of the major envelope glycoprotein of baculovirus

Yuanyuan Wang The Predicators of Knee Cartilage Loss: A Five Year Natural History based on an Existing Cohort

Vida Weiss Stochastic Modelling of Predator Prey Systems

Kylie Wheaton The Human Brain's Response to Observing the Actions of Others

James Williams Social Anxiety, Emotional Expression and Personality

Huimei Wu Characterisation of genes determining grain quality in wheat

Angela Ziebell Lignin as a renewable source of monomer (and other live stock chemicals)

Katerina Zrajevsy The epidemiology of endometriosis – Sociodemographical and nutritional factors

Research Degree Completions

Professional Doctorate of Psychology (Counselling Psychology)

Janet Dickson *Autobiographical Memory and Social Anxiety: The Impact of Self-Focus Priming on Recall*

Coordinating Supervisor:
Associate Professor Glen Bates

Associate Supervisor: Professor Susan Moore

Janet's thesis explored the role of self-focused attention in the maintenance of Social Anxiety Disorder. Although research on the attention processes of people with social anxiety disorder indicates that they become overly self-focused in social situations no disturbance in access to personal memories has been identified. However, prior to Janet's research there had been no exploration of the impact on memory of manipulating self-focus. In this study 144 respondents were allocated to socially anxious and non-socially anxious groups, on the basis of clinical selection measures. Half of each group was primed to Self-focus, by making an impromptu speech which was videotaped and replayed to the participant. The other half of the participants was not self-focused. Rather, they viewed video tape of a confederate giving a speech. After priming the respondents provided written autobiographical memories in response to positive and negative cues.

Overall, the self-focusing manipulation unearthed a memory processing deficit in socially anxious individuals, similar to that found in other emotional disorders. Only when self-focused did socially anxious individuals show reduced accessibility of access to positive memories and poorer quality of those memories along with greater depressive content in the memories. The findings are consistent with the prevalent model of the disorder which identifies views of the self as the core element of the disorder. An implication of Janet's findings is the need to direct therapeutic interventions towards combating the maladaptive self-focused processing of social information that maintains the negative self-views exhibited by people with social anxiety disorder.

Karen McGraw *The role of connectedness in the transition from secondary school to tertiary education: A longitudinal study*

Coordinating Supervisor:
Professor Susan Moore

Associate Supervisor:
Associate Professor Glen Bates

Connectedness is the perception of being valued and supported by others. The aim of this study was to examine the role of connectedness for young people undergoing the transition from secondary school to tertiary education. Measures of emotional well-being and connectedness to school, family, and peers were collected from over 900 Year 12 students, 175 of whom were followed up at university a year later. The major finding was that adjustment to tertiary education and general well-being were associated with feeling strongly connected to peers at both school and university, and perceived support by parents, teachers and tertiary staff.

Amanda Peyton *Different Shades of Blue: Individuation and Depression*

Coordinating Supervisor:
Associate Professor Glen Bates

Associate Supervisor: Dr Roslyn Galligan

Amanda's thesis proposed an 'individuation theory of depression', whereby depression is seen as an opportunity for psychological growth rather than purely as psychopathology to be eliminated or cured. Self-report data from 190 participants in study 1 demonstrated that previously depressed individuals exhibited less self-deception than those who have never been depressed, and greater levels of positive personal change. Based on the results of study 1, study 2 incorporated extensive in-depth interviews with 16 psychologically mature participants with prior experience of depression. Elaborating on how they had been changed by the experience of depression, most reported strikingly positive themes of enhanced inner strength, self-worth and self-acceptance, as well as greater sense of compassion and appreciation of life, albeit in parallel with a heightened sense of personal vulnerability and sensitivity. These findings supported the plausibility of a salutary aspect of depression that the dominant models of depression currently overlook.

Heather Underwood *Who Goes There? Demographics, Personality and Attachment Style of those involved in Internet Affairs.*

Coordinating Supervisor:
Associate Professor Bruce Findlay

Associate Supervisor: Professor Susan Moore

Heather's research explored the characteristics of people engaged in Internet affairs. Demographics, effects on regular partnerships, personality traits and attachment styles of respondents were investigated. The average age of respondents was 42 years; most were male, married with children, tertiary educated and in professional full-time employment. While most respondents denied that their online relationship impacted on their regular partnerships, the results suggested that many negative effects were present. The attachment style of respondents was generally insecure. Their personality profiles differed from that which has been associated with face-to-face infidelity in that they were more agreeable, more conscientious, and less narcissistic. It was concluded that the impact of Internet relationships on primary relationships is significant, and that these findings have important implications for the practice of contemporary relationship counselling.

Professional Doctorate of Psychology (Health Psychology)

Christine Healy *Living with Multiple Sclerosis (MS): The role of psychosocial factors*

Coordinating Supervisor:
Professor Susan Moore

Associate Supervisor: Dr Simone Buzwell

The unpredictability that is often associated with living with multiple sclerosis has broad implications on the daily functioning of affected individuals. This study aimed to investigate some of the psychological factors that predict good coping among those diagnosed with MS. Over 150 adult participants were recruited through the MS Societies of Tasmania and Victoria. Results showed that more optimistic and less fatigued participants reported greater well-being, as did those who used particular coping strategies which did not involve blaming or denial. The study demonstrated that, despite the adversity of living with MS, many people are able to maintain healthy relationships, a good sense of self, and even report benefits from their experiences.

Thai Ohtsuka *Impact of cultural change and acculturation on the health and help seeking behaviour of Vietnamese-Australians*

Coordinating Supervisor:
Professor Susan Moore

Associate Supervisor: Dr Elizabeth Hardie

This study investigated the influence of cultural differences and acculturation on mental health-related help seeking behaviour of Vietnamese-Australians. Vietnamese-Australians, Anglo-Australians, and Vietnamese in Vietnam completed a survey of their beliefs about health and health-related help-seeking behaviours. The help seeking behaviours and health-related cognitions of Vietnamese-Australians were significantly different from those of Anglo-Australians and similar to those of Vietnamese in Vietnam. More acculturated Vietnamese-Australians showed greater similarity to Anglo-Australians in their modes of illness expression and help-seeking preferences. The study was important because it demonstrated that cultures vary in their response to common mental health symptoms. Understanding these variations can help to maximise the effectiveness of service delivery to minority groups.

Master of Arts

Novera Isvet Amri *Indonesian Postgraduate Students: An Examination of Their Experience in Academic, Social and Cultural Situations*

Supervisor: Dr Deirdre Barron

This thesis addresses an important issue in contemporary international education—the adjustment of Indonesian students in their studies in Australia. Using data from in-depth interviews of 25 Indonesian postgraduate students the thesis argues that Australian universities need to develop a more culturally sensitive approach to the educational needs of Indonesian students.

Doctor of Philosophy

Choon Jek Ang *Treatment of Printing Ink Wastewater using High Liquid Carryover mode Flotation*

Coordinating Supervisor: Dr Peter Sanciolo

Associate Supervisor:
Professor Russell Crawford

The aim of this project is to investigate the feasibility in using high liquid carryover (HLC) mode flotation to treat an industrial wastewater from a cardboard printing plant. This wastewater contained mainly water-based flexographic inks and coatings that are difficult to treat due to the low biodegradability and the colloidal nature of the incorporated pigments. In this research, the major process conditions for the removal of these pigments were fully characterised and optimised, giving low susceptibility to variability in the wastewater composition. These research findings were adapted to the industry sponsor's wastewater treatment system, resulting in improvement in the effluent's quality with greater consistency of performance.

Aris Arif Mundayat *Ritual and Politics in New Order Indonesia: A study of discourse and counter-discourse in Indonesia*

Coordinating Supervisor: Professor Ken Young

Associate Supervisor:
Professor Alistair Davidson

Elites of wealth and senior government officials in Indonesia have devised sophisticated methods of containing dissent and disorderly behaviour among the urban underclass. Governing elites have worked ingeniously to shape values, beliefs and attitudes through public rituals and the inculcation of approved linguistic and symbolic forms. This thesis demonstrates the limits of these attempts to mould popular thinking and values. It identifies a number of key urban sites where the underclass develop their own distinctive cultural forms (everyday language, songs, poetry, street theatre) which contest officially-sanctioned social and political orientations, and give expression to the autonomous worldviews that sustain underclass communities.

Michael Bailey *Predicting Sporting Outcomes: a statistical approach*

Coordinating Supervisor:

Professor Stephen Clarke

Associate Supervisor: Dr Julie Pallant

Using large datasets from AFL football and cricket, this thesis established a consistent statistical approach for the prediction of team and individual performance in sport.

Multivariate modelling was used to weight the contributing effects of statistically significant prediction variables and produce equations that, when applied to holdout samples, could determine the predictability of the outcome and the predictive capacity of the chosen approach.

This approach has benefits for both punters and bookmakers. While punters can use such techniques to exploit demonstrated market efficiencies, the objectivity and speed provided by a computer algorithm can replace the traditional methods of price setting used by bookmakers.

Roger G Brown *The impact of the introduction of the graphics calculator on system wide 'high stakes' end of secondary school mathematics examinations*

Coordinating Supervisor: Professor Peter Jones

Associate Supervisor: Mr Patrick Tobin

The thesis investigated the impact of the introduction of the graphics calculator in high school mathematics examinations, for three examination boards: Victoria, Denmark and the International Baccalaureate Organization, in the period 1990 to 2000. In each case the boards continued to ask routine questions, which is unsurprising as the graphics calculator was introduced with minimal change to the curricula and examination policies. Whilst the resulting examinations were consistent with the stated policies, the inexperience of some examiners and a general policy of containment or minimal change enabled examiners to minimise the impact of the introduction of the graphics calculator on assessment.

Carolyn Burns *Proton and Cadmium Binding by Particulate Low-Rank Coals in Aqueous Media*

Coordinating Supervisor:

Professor Russell Crawford

Associate Supervisor:

Associate Professor Ian Harding

Aqueous heavy metals are one of the most common, yet problematic and intractable, wastes known. Carolyn has shown that low rank coals from Gippsland (in Victoria) can provide an effective, yet inexpensive, adsorbant for such metal ions. She has further shown that the effectiveness of such coals is due to their high oxygen functionality and that high rank coals are not effective. Carolyn has then modelled, in detail, the acid-base and metal ion adsorption properties of low rank coals. Such models will prove invaluable both to environmental and industrial exploitation of coal to remediate aqueous metal ion contamination.

Deanne Carew *The Prevalence of Pathogenic Mycoplasmas in Victorian Pig Herds*

Coordinating Supervisor: Professor Avni Sali

Associate Supervisor: Dr Bill Paspaliaris

Deanne Carew investigated the role of the pathogenic Mycoplasma species in the Australian Pig Industry. Deanne made comparisons of several different methods of disease detection, including culture, ELISA, PCR and the Pig Health Monitoring Scheme. Using these methods of detection, Deanne determined the most appropriate manner for diagnosing the diseases, Mycoplasmal pneumonia and Mycoplasmal arthritis, and their causative agents. These findings contribute to our understanding of Mycoplasmal diseases in the Australian pig industry.

Megan Deutscher *A Neuropsychological Assessment of Adult Sex Offenders*

Coordinating Supervisor: Professor Con Stough

Associate Supervisor:

Professor Richard Silberstein

This study investigated the hypothesis that sex offenders have functional impairment in their frontal and temporal lobes. A battery of neuropsychological tests were administered to 25 incarcerated male sex offenders, 25 incarcerated male non-sex offenders and 25 men with no criminal history. The results indicated that the sex offenders performed significantly worse than the controls on all tests. However, statistical differences were only found between the immediate recall trials of the Rey Auditory Verbal Learning Test and Rey Complex Figure. These differences did not change when age, education level and intelligence level were statistically controlled. It was concluded that there is insufficient evidence from this study to support the hypothesis.

Lorraine Fleckhammer *Insight into the Self-Absorption Paradox: The Development of a Multi-Faceted Model of Self-Conscious Ruminative and Reflective Thought*

Coordinating Supervisor:

Associate Professor Glen Bates

Associate Supervisor: Dr Bruce Findlay

Lorraine's thesis investigated the self-absorption paradox whereby higher levels of self-awareness are simultaneously associated with higher levels of psychological well-being yet also with higher levels of psychological distress. Her thesis built on earlier work that attributed the relationship of self-awareness to psychological distress to a ruminative aspect of private self-consciousness, and the relationship of self-awareness to psychological well-being to self-contemplative reflection.

The thesis involved three related studies. In study 1 a new measure of rumination and reflection was developed which incorporated interpersonal as well as intrapersonal aspects of self attention. In study 2, the rumination and reflection factors of the new measure were substantiated through Confirmatory Factor Analysis in a separate sample and the correlates of rumination and reflection with measures of personality and psychological distress identified. The final study examined a typology of coping and adjustment groups based on combinations of rumination and reflection. One group was identified as having an 'adaptable' coping style in that they had a high level of reflection and a low level of rumination. Three other groups were identified as having maladaptive coping styles: a 'repressive' group with low levels of rumination and reflection, a 'sensitiser' group with high levels of rumination and reflection, and a 'vulnerable' group with high levels of rumination only. The groups were differentiated on personality characteristics, symptoms of psychological distress and significant autobiographical memories. Overall, Lorraine's thesis established the utility of her extended model of rumination and reflection in understanding personality processes involved in psychological well-being and distress.

Lidia Konkol *Contamination Levels in Recycled PET Plastic*

Coordinating Supervisor:

Associate Professor Ian Harding

Associate Supervisor: Dr Reginald Cross

PET is the most common form of plastic used in softdrink containers and is almost exclusively formed from non-recycled, or virgin, material. The main inhibitor to recycling PET back into softdrink containers is the concern that plastic containers are often used for storage of chemicals, and these may contaminate the recycled PET. Lidia has performed an extensive study of the chemical contaminants found in PET collected from kerbsides during recycling. The quantification of these contaminants is invaluable to determining their origin and control. Lidia found relatively few contaminants which were above regulatory limits and these were easily removed during the cleaning process which forms part of recycling.

Stephen Leyden *Reconstruction and resistance: Masculinity, Gender and Relationships among Men in the Environmental Movement*

Coordinating Supervisor:

Professor Michael Gilding

Associate Supervisor:

Associate Professor Katharine Betts

The thesis contributes to the debate about the way men respond to feminist criticisms about inequality in gender relations. The study used the relationships of men active in the environmental movement as a vehicle to explore this issue. The study found that at an ideological level all the men described views that were sympathetic to feminist criticisms, however, not all the men's behaviour was as progressive as their views. The thesis supplements existing knowledge about gender relations, masculinity and relationships and demonstrates a nexus between resistant gender behaviour and conflicted relationships on the one hand and progressive gender behaviour and equality and harmony on the other.

David Lupton *Prolegomena to reflexive film study: a Bourdieusian analysis of the economy of cinematic experience*

Coordinating Supervisor:

Associate Professor Arran Gare

Associate Supervisor:

Associate Professor Darren Tofts

This thesis develops Bourdieu's social and cultural theory to both examine the rise of film studies and film theory, and to lay the foundations for a more adequate approach to the study of cinema and film reception. By uncovering the key theoretical and methodological fallacies informing scholastic knowledge production within the discipline of film studies, it is shown how Bourdieu's research program facilitates the systematic mapping of cinematic experience as an economy of exchange – an economy engaging specialised categories of patron recognition and appreciation in order to offer an experience of recognised social value. It is argued that while subject to a range of both theoretical and methodological criticisms, the deficiencies of Bourdieu's program are outweighed by the benefits of reflexive sociology in developing the autonomy of the field of film studies, allowing for future film study fully cognizant of the mechanisms of symbolic violence and thus academic knowledge production more attentive to the destructive logic of the open market.

Tim Moore *Design and Synthesis of Biodegradable Thermoplastic Polyurethanes for Tissue Engineering*

Coordinating Supervisor: Dr Peter Barton

Associate Supervisor: Mr Robert Laslett

This study involved a systematic investigation into the factors that affect the thermal, mechanical and degradative properties of biodegradable thermoplastic polyurethanes. Six series of polyurethanes were synthesised and characterised to compare the effect of different compositions, diisocyanates, macrodiols and chain extenders. The synthesis of macrodiols comprised a major part of the study and included synthesis of poly(butylolactone) diols which had not previously been used in biodegradable polyurethanes. Two patents were filed as a result of the work in this thesis, one to cover a new range of biodegradable polyurethanes suitable for fused deposition modelling and the other for a novel range of degradable chain extenders that were shown to enhance the rate of degradation.

Ruth Quibell *Unmaking the Other? Discourses of Intellectual Disability in Contemporary Society*

Coordinating Supervisor:

Professor Julie Mulvany

Associate Supervisor:

Associate Professor Katharine Betts

Policy reforms have sought to recognise the equal citizenship of people with intellectual disabilities. Drawing on qualitative sociological analysis and contemporary social theory, this thesis questions whether these reforms have overturned historical assumptions that cast people with intellectual disability as 'other'. The findings expose the uneven impact of policy reforms and the complex nature of power. Discourses of inclusion and membership coexist with those that cast people with intellectual disability as defective humans. While in some ways disappointing, these findings are also reasons for cautious hope, providing a strong basis for alternative models of policy and education.

Bruce M Smyth *Post-separation patterns of parenting in Australia: Who Opts for which patterns and why?*

Coordinating Supervisor:

Professor Michael Gilding

Associate Supervisor:

Associate Professor Katharine Betts

This thesis sought to identify the many ways that parental sharing of time with children can occur after divorce. Five different patterns of care were examined: (i) 50/50 shared care, (ii) little or no contact, (iii) holiday-only contact, (iv) daytime-only contact, and (v) 'standard' contact (typically every-other-weekend and half school holidays). A representative snapshot of parent-child contact schedules after separation was presented to provide some of the detail of arrangements within this typology. These data are likely to be a useful resource for separated parents and family law professionals to reflect on when developing or refining parenting arrangements after divorce.

Stephen Theiler *The efficacy of Early Childhood Memories as indicators of current maladaptive schemas and psychological health*

Coordinating Supervisor:

Associate Professor Glen Bates

Associate Supervisor: Dr Roslyn Galligan

Stephen's thesis explored the proposition that maladaptive schemas operating as deep unconscious cognitions are intrinsically linked to psychological health and well-being. The unconscious schemas were investigated in conjunction with current self-reported schemas in one study and with psychological symptoms in a second study. In each study, unconscious schemas were accessed by a systematic examination of the content of early childhood memories. Taken together, the findings from the two studies support the view that schemas residing outside of consciousness are pervasively linked to psychological health.

A particularly important discovery of Stephen's thesis was that a small group of schemas centred on perceptions of Disconnection and Rejection by others were the most influential of the dysfunctional schemas. The thesis also established the utility of the use of early memories in accessing important unconscious phenomena and has implications for therapeutic interventions.

Barry Turner *Nasution: Total People's Resistance and Organicist Thinking in Indonesia*

Coordinating Supervisor: Professor Ken Young

Associate Supervisor: Mr Kelvin Rowley

The thesis traces the origins and evolution of principles of people's resistance developed by General Nasution during Indonesia's armed struggle against the Dutch. While principles of people's resistance are generally associated with revolutionary wars, the thesis shows that the conservative Nasution sought to place 'people's resistance' firmly under the control of the Army, the aristocratically based civil service and traditional village elders. It describes how in the 1950s Nasution transformed his principles into means by which the Army could monitor Indonesian society down to the village level as it sought to counter the growing Communist movement and forces of radical Islam.

While the thesis concludes with Nasution's removal from control of the army in the early 1960s, it throws additional light on how President Suharto's New Order regime went on to employ his principles of 'people's resistance' as a formidable means of social control. The research that underpins the thesis remains relevant in post-Suharto Indonesia. After the October 2005 bombings in Bali, President Susilo Bambang Yudhoyono revived aspects of Nasution's principles (and raised the spectre of the Army playing a renewed political role) by ordering the army to resume monitoring Indonesian society down to the village level.

Christopher Vearing *Structure, Function and Control of the EphA3 Receptor Tyrosine Kinase*

Coordinating Supervisor: Dr John Fecondo

Associate Supervisor: Professor Andrew Boyd

Cell surface proteins often play a role in initiating uncontrolled signalling in cancer. In this thesis, essential contacts between one of these surface proteins, EphA3 and its preferred binding partner, were identified and studied. Dissection of the signal forming complexes provided novel molecular-level insights into cellular activation. This approach also identified antibody binding and stimulation of EphA3-expressing cells, providing opportunities to design drugs that target tumours bearing this receptor. At the genetic level, novel DNA analogues were shown to decrease the levels of EphA3 in malignant melanoma cells. These results may form the basis for the development of a new anticancer treatment.

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Jessica Dyson

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Claire Finkelstein

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Cassia Soste

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Spatial and categorical memory show a double dissociation with magnocellular and parvocellular visual evoked potential components in a normal aging population

Tiam Fung Yap

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Melissa Sgaroto

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Sarah McLean