

Personal Particulars

POSITION: Associate Professor

School of Psychology

University of Adelaide

Adelaide, South Australia 5005

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ACADEMIC QUALIFICATIONS:

1994: BA with First Class Honours in Psychology, University of Adelaide, South Australia

1998: PhD, University of Adelaide, South Australia; PhD thesis title: *Inspection time and cognitive abilities: An event-related potential study*

PRESENT APPOINTMENT:

Associate Professor (Level D)

PREVIOUS APPOINTMENTS:

Lecturer (Level C), School of Psychology, University of Adelaide

Lecturer (Level B), Department of Psychology, University of Adelaide

Centre for Visual Sciences Postdoctoral Fellow, RSBS, Australian National University

ACADEMIC AWARDS:

Australian Postgraduate Research Award 1994 to 1997

RECORD OF ACTIVITY

(1) Teaching

Course Coordinator Level III Psychology, 2002 – 2007

As Coordinator for Level III Psychology, I had overall responsibility for courses worth 24 units (one 4-unit course, and ten 2-unit courses). There are usually about 130 students enrolled in Level III Psychology and I was their main point of contact with respect to overall administration of their courses, including, for example, reviews of assessment, granting of extensions on assignments, administration of supplementary examinations, and overseeing election of student representatives to School Committees. Any issue that affects Level III Psychology courses in general is ultimately my responsibility.

2000 Teaching

3170 Psychological Research Methodology III (4 units).

1911 Psychology: Physiology and Behaviour III (2 units).

5846 Psychology II (8 units). Lectured on Brain Science and Psychology (5 lectures).

4416 Psychological Research Methodology II (4 units).

5104 Psychology I (6 units). Lectured on Statistics and Methodology (5 lectures) and Cognition (7 lectures).

2001 Teaching

Honours Psychology Individual Differences.

3170 Psychological Research Methodology III (4 units).

1911 Psychology: Physiology and Behaviour III (2 units).

5846 Psychology II (8 units); 40 students. Presented a seminar series Biology of Human Intelligence (6 seminars).

4416 Psychological Research Methodology II (4 units).

5104 Psychology I (6 units) Lectured on Statistics and Methodology (5 lectures) and Biological Bases of Behaviour: Brain (5 lectures).

I also contributed one seminar each to the Master of Psychology (Clinical) courses 7363 *Applied Methodology R* and 7410 *Health Psychology R*.

2002 Teaching

Honours Psychology Individual Differences

Psychol. 3000A/B Psychological Research Methodology III (4 units).

Psychol. 3006 Psychology: Physiology and Behaviour III (2 units).

Psychol. 2001 Psychological Research Methodology II (4 units).

Psychol. 1000A/B Psychology I (6 units). Lectured on *Statistics and Methodology* (5 lectures) and *Biological Bases of Behaviour: Brain* (5 lectures)

I also contributed one seminar to the Master of Psychology (Clinical) course *Psychol. 7020 Applied Methodology R*

2003 Teaching

Honours Psychology Current Topics in Human Intelligence Research.

Psychol. 3000 Psychological Research Methodology III (4 units).

Psychol. 3014 Individual Differences (2 units).

Psychol. 2000 Psychological Research Methodology II (4 units).

Psychol. 1000B Psychology I (3 units); 650 students. Lectures on *Statistics and Methodology* (5 lectures) and *Biological Bases of Behaviour: Brain* (5 lectures)..

2004 Teaching

Honours Psychology Current Topics in Human Intelligence Research.

Psychol. 3000 Psychological Research Methodology III (4 units).

Psychol. 2000 Psychological Research Methodology II (4 units).

2005 Teaching

Honours Psychology Current Topics in Human Intelligence Research..

Psychol. 3000 Psychological Research Methodology III (4 units).

Psychol. 3014 Individual Differences (2 units)

Psychol. 2000 Psychological Research Methodology II (4 units).

Psychol. 1000A Psychology I (3 units). Lectures on *Biological Bases of Behaviour: Brain* (4 lectures).

Psychol. 1000B Psychology I (3 units) Lectures on *Statistics and Methodology* (4 lectures).

2006 Teaching

Master of Psychology (Clinical) Psychological Assessment

Honours Psychology Current Topics in Human Intelligence Research..

Psychol. 3000 Psychological Research Methodology III (4 units).

Psychol. 3014 Individual Differences (2 units)

Psychol. 2000 Psychological Research Methodology II (4 units).

Psychol. 1000A Psychology I (3 units). Lectures on *Biological Bases of Behaviour: Brain* (4 lectures) and Lectures on *Statistics and Methodology* (4 lectures).

2007 Teaching

Master of Psychology (Clinical) Psychological Assessment

Honours Psychology Current Topics in Human Intelligence Research..

Psychol. 3000 Psychological Research Methodology III (4 units).

Psychol. 3014 Individual Differences (2 units)

2008 Teaching

Master of Psychology (Clinical) Psychological Assessment

Honours Psychology Current Topics in Human Intelligence Research..

Psychol. 3000 Psychological Research Methodology III (4 units).

Psychol. 3014 Individual Differences (2 units)

Supervision (2000 - present)

PhD Theses

Ms Veneta Bastian (co-supervisor with Professor T Nettelbeck, Department of Psychology). **Qualified, May, 2006**

Mr Matthew Dry (principal supervisor with Dr S Dennis, School of Psychology). **Qualified, April, 2007.**

Mr Yung-Li Ku (co-supervisor with A/Professor H Winefield, School of Psychology and Professor Yong-Yuan Chang, Kaohsiung Medical University, Taiwan) . **Qualified, September, 2008.**

Mr Donel Martin (co-supervisor with Professor G Wittert, School of Medicine). **Qualified, March, 2008.**

Mr Jason McPherson (principal supervisor with Professor T Nettelbeck, School of Psychology). **Qualified, October, 2008.**

Mr Kym Preiss (co-supervisor with the late Professor D Vickers and A/Prof M Lee, Department of Psychology). **Qualified, June, 2006.**

Mr Matthew Welsh (co-supervisor with Professor T Nettelbeck, Department of Psychology). **Qualified, May, 2003.**

Ms Lisa Wundersitz (principal supervisor with Dr M White, TransportSA, Dr AJ McLean, Road Accident Research Unit). **Qualified, May, 2007.**

Ms Greta Bradman (principal supervisor with Professor G Wittert, School of Medicine). Candidature commenced March 2005.

Ms Margaret Chandler (took over as co-supervisor with Prof T Nettelbeck, School of Psychology in 2005). Candidature commenced 1998 (part-time).

Ms Rachel Earl (principal supervisor with Professor T Nettelbeck, School of Psychology). Candidature commenced March 2006.

Ms Laura Edney (co-supervisor with Dr V Danthiir, CSIRO Health Sciences and Nutrition). Candidature commenced March 2008.

Mr Marek Jantos (sole supervisor). Candidature commenced July 2004 (half-time).

Ms Heather Pearce (co-supervisor with Dr P Strelan, School of Psychology). Candidature commenced February 2008.

Mr Luke Schneider (co-supervisor with Dr P DeFabbro, School of Psychology). Candidature commenced March 2005.

Mr Ian Zajac (principal supervisor with Dr V Danthiir and Professor T Nettelbeck, School of Psychology). Candidature commenced January 2006.

Master of Psychology (Clinical) and Master of Psychology (Organisational and Human Factors)

2001-2002

Ms Anne-Lisa Shanahan: The efficacy of biofeedback enhanced relaxation training in elite athletes

2002-2003

Ms Eleni Golois: Screening for depression in chronic pain patients: Validating the Beck Depression Inventory – Fast Screen for Medical Patients

2005

Mr Matthew Mitchell: Use of the Depression Anxiety Stress Scales 21 (DASS-21) in spinal cord injury: A preliminary study

2006

Ms Shara Kremer: Development of peripheral vision tests for driver assessment.

Ms Lainey Smith: The role of nearest neighbours in the perception of structure in semi-structured dot arrays.

2007

Ms Zhien-mey Teoh: An investigation of the association between diagnosis, gender, clinical symptoms and N1 amplitude in people with first-episode psychosis.

2008

Ms Rebecca Short: The Brief-HAPPI: A questionnaire to assess cognitions associated with bipolar affective disorder symptoms

Honours Theses

2000

Ms Lidia Burford (with Dr P. Hay, Department of Psychiatry): Neuropsychology and neuropsychiatry of early HIV infection : a study of mood, cognition and level of functioning

Mr Robert Burns (with Professor T Nettelbeck, Department of Psychology): Developing a test of premorbid fluid abilities for people from non-English-speaking backgrounds

Ms Beverley Rundle (with Dr J Bryan, CSIRO, HSN): Effects of vitamin B-12 and folate on cognitive performance and psychological well-being

2001

Mr Wayne Argent: EEG biofeedback for the enhancement of cognitive abilities in normal individuals

Ms Toni Greenwood (with Dr L Ward, Department of Psychology): Auditory language comprehension, and sequential interference in working memory following sustained visual attention

Ms Tess O'Connor: Inspection time: Where does it fit in a hierarchical model of cognitive abilities

Mr Ben Stone (with Professor T Nettelbeck, Department of Psychology and Dr J Bryan, Department of Geographical and Environmental Studies)

2002

Ms Caroline Litster: Heart rate, heart rate variability, electrodermal activity and the differentiation-of-deception

Mr Alan Pavy (with Dr C v.d. Heuvel, University of South Australia)

Mr Matthew Reilly: The stability of cognitive abilities over time: a Flynn Effect for attention

Ms Heather Russell: Development of a computerised test of fluid ability for children: Validating the SWAPS format

2003

Ms Lexie Ashforth (with Professor T Nettelbeck, Department of Psychology): Effects of biofeedback-assisted relaxation training on exam anxiety and performance.

Ms Talitha Best (with Dr J Bryan, CSIRO, HSN): Effects of saccharides on the memory performance of middle-aged adults.

Ms Emma Grubb (with Dr J White, Forensic Psychologist, Private Practice): A comparison of the abstract problem solving abilities of a forensic sample to a sample of mental age equivalent children on the Kaufman Brief Intelligence Test.

Mr Donel Marten: Sex-related differences in attentional abilities.

Ms Hannah Wilson: The effects of glucose on memory, attention and speed of information processing in healthy, young adults.

Ms Kerry Wyatt (with Professor T Nettelbeck, Department of Psychology): Phonological recoding in working memory: The challenge of quantifying a hypothetical construct.

2004 (on SSP Leave)

Mr Christopher Turley (with Professor T Nettelbeck, Department of Psychology): Intelligence, inspection time and differences between horizontal and vertical presentations of stimuli in children aged 4 years.

2005

Ms Rachel Earl: Aggression and Parental Attachment in Adolescents

Ms Kate Fraser (with Dr M Thomas and Ms R Petrilli, University of South Australia): Fatigue, attitudes towards stress, and personality as mediators of Anaesthetic Registrars' stress responses during a simulated critical event.

Ms Karolina Kozuchowski (with Dr J Dorian, University of South Australia): A comparison of subjective and objective measures of driver fatigue during a night of sleep deprivation.

Mr Andrew Smith (with Dr S Baulk, University of South Australia): Driver fatigue: Quantifying the effects of caffeine and napping as short-term countermeasures.

Mr Ian Zajac: The relationship between visual and auditory inspection time in primary school children.

2006

Ms Ertimis Eshkevari: Assessing the construct validity of computer game-like tests of cognitive ability in children.

Ms Sylvia Lowczak: Gender comparisons for self and peer evaluations for the relationships between emotional intelligence, mood, and self-esteem.

Mr Jesse Overduin: Imagination speed and its relationship with intelligence.

Ms Kym Pfitzner (with Professor T Nettelbeck, School of Psychology): An investigation of the construct 'Willingness to Accept New Challenges': A validation study in older adults.

Mr Rhys Scott: The travelling salesperson problem as a predictor of academic performance.

Ms Alexis Wheeler (with Professor T Nettelbeck, School of Psychology): The effects of personality and social characteristics on coping strategies for extraverts and introverts.

Ms Sarah Williams (with Professor T Nettelbeck, School of Psychology): Benny Bee: A measure of inspection time in 4-year-old children.

2007

Ms Laura Edney: Assessing the construct and predictive validity of computer game-like tests of cognitive ability in adults.

Ms Eloise Sheridan (With A/Prof Kurt Lushington and Dr Saul Gilbert, University of South Australia): Self-perceived emotional state of patients with obstructive sleep apnoea.

2008 (on SSP leave)

Ms Lucy-Kate Werner: A comparison of the ProPerVis and the UFOV as fitness-to-drive tests.

(2) Research and Scholarship (since appointment to current position)

Established the *Individual Differences and Computerised Assessment Laboratory* in the School of Psychology, University of Adelaide. 2001 – present

Publications

See separate attachment

Research Grants

See separate attachment

(3) Administration (since appointment to current position)

Departmental/School

Course Coordinator for Level III Psychology, 2002 to 2007

School Subcommittee of the University Human Research Ethics Committee, 2002 to 2007. Alternate Chair 2005 to 2007.

School Executive Committee, 2001 and Semester 2, 2005; 2007.

School Library Liaison Officer, 2000 – 2001.

School Research and Development Committee, 2000 – 2001; Convenor, 2001.

School Undergraduate Studies Committee, 2002 to present; Convenor, 2005; 2006 to 2007.

Selection Committees Positions: 1301, 1302, 1303, 11838

Faculty

Neuroscience Pathway Working Party, 2000 – 2002.

Faculty representative on the Staff Survey Working Party 2006-2007.

University

University representative on Scaling and Tertiary Selection Monitoring Committee, 2004 to 2007

External

Assessor for ARC Small Grant Scheme; International reader ARC Discovery Grant schemes; Assessor Israeli Science Foundation; Assessor NHMRC Project Grant scheme.

Associate Editor of *Australian Journal of Psychology* 2002 – 2004.

Associate Editor *Journal of Problem Solving* 2006 to present

Examiner Honours thesis University of South Australia

Examiner PhD thesis University of Sydney

Organising Committee for the 29th Annual Australasian Experimental Psychology Conference, 2002

Organising Committee for the 12th Biennial Meeting of the International Society for the Study of Individual Differences, 2005

Policy Committee the Hills Montessori School 2004 to 2006

Reviewer for *Australian Journal of Psychology*, *Behavior Research Methods*, *Brain and Cognition*, *British Journal of Developmental Psychology*, *Experimental and Clinical Psychopharmacology*, *Human Psychopharmacology: Clinical and Experimental*, *International Journal of Psychophysiology*, *Journal of Cognitive Neuroscience*, *Journal of the International Neuropsychology Society*, *Journal of Problem Solving*, *Learning and Individual Differences*, *Neurocase*, *Perception and Psychophysics*, *Personality and Individual Differences*, *Psychology and Aging*, *PSYCOLOQUY*, *Vision Research*

Refereees

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