



6th - 9th
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2011



4th Pacific Rim Conference
The Social Brain
Sky City, Auckland, New Zealand

Workshop Presenters

Vicki Anderson (BA(Hons), MA (Clin Neuropsych), Ph.D)



Vicki is Director, Department of Psychology, Royal Children's Hospital, Professorial Fellow, University of Melbourne and Director, Critical Care & Neuroscience Research, Murdoch Childrens Research Institute

Prof Anderson is a paediatric neuropsychologist of some 25 years experience. She started her career working at the Royal Children's Hospital, Melbourne, Australia, where she worked as a clinician, and then Co-ordinator of Neuropsychology Services, until taking up a lectureship at the University of Melbourne. In 2002 she was appointed Professor/Director of Psychology at the Royal Children's Hospital. Her interests are in disorders of childhood that impact on the central nervous system, including both developmental and acquired disorders. Her research group has recently established the Australian Centre for Child Neuropsychological Studies (CNS), at the Royal Children's Hospital, Melbourne, Australia.

She serves as consulting editor on a number of neuropsychology journals including the Journal of the International Neuropsychological Society, Child Neuropsychology, Journal of Neuropsychology, and Developmental Neurorehabilitation, and has been Associate Editor of the APA journal, 'Neuropsychology'. She has published over 150 papers in peer-reviewed journals and four books in the field. She has obtained competitive research grants totalling over \$15 million.

She has served on the Board of Governors of the International Neuropsychological Society, and is a fellow of the Academy of Social Sciences of Australia and a fellow of the Australian Society for the Study of Brain impairment.

John Hodges, (MB MS, MD, FRCP, FmedSci, FRACP)



John is Professor of Cognitive Neurology and Federation Fellow at the University of New South Wales based at the Prince of Wales Medical Research Institute where he directs the Frontotemporal Dementia Research Group (FRONTIER see www.ftdrg.org). From 1997 to 2007 he was the MRC Professor of Behavioural Neurology with joint appointments in the Department of Clinical Neuroscience at Addenbrooke's Hospital and the MRC Cognition and Brain Sciences Unit Cambridge where he led a multidisciplinary research group. He qualified in Medicine from London University with honours (1975) and undertook periods of psychiatric and neurological training in Southampton, Oxford and San Diego moving to Cambridge in 1990.

He is past chairman of the British Neuropsychiatric Association (BNPA) and the Aphasia and Cognitive Disorders Research Group of the World Federation of Neurology: Aphasia and Cognitive Disorders Research Group (WFN: ACDRG). He was the founding co-editor of *Neurocase* and is a past Associate Editor of *Brain*. He has a longstanding interest in many aspects of cognition particularly in the context of neurodegenerative disorders. He is the author of 400 journal articles and five books including:

- *Cognitive Assessment for Clinicians (2nd edition 2007)* Oxford University Press.

- *Frontotemporal Dementia Syndromes* (2007). Cambridge University Press |

He is dedicated to alleviating the suffering of patients and families with younger onset dementia and translating scientific advances into clinical practice. His real passions in life remain his family, jazz, cooking and cricket.

Jason B. Mattingley (B.Sc. (Hons), M.Sc., PhD, MAPS, FASSA)



Professor Jason Mattingley was appointed as Foundation Chair in Cognitive Neuroscience at the University of Queensland in January 2007. This is a joint appointment between the Queensland Brain Institute and the School of Psychology, the aim of which is to foster the development of research and teaching links between the disciplines of neuroscience and cognitive science.

Before moving to QBI Professor Mattingley was Director of the Cognitive Neuroscience Laboratory within the School of Behavioural Science at the University of Melbourne (2000–2006). Before that he was a Senior Research Fellow at Monash University (1997–1999), and an NHMRC Neil Hamilton Fairley Post-Doctoral Fellow at the University of Cambridge, UK (1994–1997). During his period in Cambridge, Professor Mattingley was a Fellow of [King's College](#). He was elected a Fellow of the [Academy of Social Sciences in Australia](#) in 2007.

Professor Mattingley's research is directed toward understanding the neural and cognitive mechanisms that underlie selective attention. Attentional processes enable an organism to prioritise sensory inputs, cognitive operations, and motor responses in the service of goal directed behaviour.

Professor Mattingley's research addresses two broad questions concerning the nature of human selective attention. First, how does the brain filter sensory stimuli so that only behaviourally relevant inputs are selected for further processing? Second, what are the consequences of such selective processing for conscious perception and action?

Answers to these questions are sought from a number of perspectives: by studying individuals with acquired and developmental disorders of attention, such as spatial neglect and attention deficit hyperactivity disorder (ADHD); by using functional brain imaging techniques such as fMRI and scalp-recorded electrical potentials to examine the neural correlates of attentional processes; and by applying transcranial magnetic stimulation (TMS) to focally stimulate regions of the brain thought to be involved in attentional control.

Professor Mattingley's research has important implications for a number of real-world endeavours, including the diagnosis and treatment of individuals with attention deficits due to brain disease; the design of more efficient systems for conveying information to human operators; and in helping to predict preference and choice in consumer behaviour.

TIM FEENEY



Tim Feeny is the Executive Director of School and Community Supports, Inc. He has assisted numerous school districts and state offices in the development of system-wide changes in order to provide sustainable, high quality, and cost-effective special education and rehabilitation services. For the past 15 years he has also been the Project Director of the New York Neurobehavioral Resource Project, a New York State Department of Health grant-funded program developed to support individuals with brain injury and significant behavioral challenges to live successfully in their home communities.

Over the course of the past 25+ years, Tim has worked in a variety of capacities in human services including: special education teacher, program director of a state program for individuals with autism, coordinator of educational services, coordinator of behavioral services, staff psychologist, consulting behavior specialist, and an Assistant Professor of Special Education. In addition to his experiences working with people with brain injury, Tim has extensive experience developing services for individuals on the autism spectrum, this includes work with school districts that support students with autism, Asperger's Syndrome, and pervasive developmental disorders. He has been responsible for the procurement and coordination of over \$10,000,000 in grant-funded programs serving individuals with developmental disabilities and challenging behaviors, autism, and persons with brain injury and challenging behaviors.

Tim has authored over 50 scholarly journal articles and book chapters, is co-author of the book *Collaborative Brain Injury Intervention: Positive Everyday Routines*, and travels the world over speaking to audiences about collaborative supports for individuals with brain injury, autism and related disorders, and individuals with challenging behaviors.

Keynote Addresses

Russell M. Bauer (Ph.D., ABPP/CN)



INS Presidential Address

In October, 2006, Russell Bauer assumed responsibilities as Chair of the [Department of Clinical and Health Psychology](#) at the University of Florida in Gainesville, FL. Prior to October, he had spent 7 years as Director of the Doctoral Program in Clinical Psychology. He has been a faculty member at UF since September, 1979. Russell's research focuses on human memory disorders, epilepsy, and preclinical detection of dementia using a comparative neuropsychology approach. Russell teaches courses in Critical Thinking, Cognitive Psychology, Forensic Neuropsychology, and Evidence-Based Practice in Psychology. He currently has 7 Ph.D. students in his laboratory. He is Board Certified in Clinical Neuropsychology by the American Board of Clinical Neuropsychology (ABCN), a specialty board of the American Board of Professional Psychology (ABPP). He is also involved in national neuropsychological organizations. He is Past President of APA Division 40 (Clinical Neuropsychology) and continue to serve on the Oral Examiner Cadre for the American Board of Clinical Neuropsychology. Together with Jerry Sweet, Ph.D., he co-edits [The Clinical Neuropsychologist](#), a journal devoted to advancing the empirical basis of practice in Clinical Neuropsychology.

Erin D. Bigler (Ph.D.)



Erin D. Bigler is Professor of Psychology and Neuroscience at Brigham Young University, where he was the Department Chair from 1996-2002 and an Adjunct Professor of Psychiatry at the University of Utah and a member of the Utah Brain Institute. From 1977 to 1990 he was a Professor of Psychology and Psychiatry at the University of Texas. Upon returning to BYU he established the Brain Imaging and Behavior Laboratory, researching neuroimaging variables in cognitive and neurobehavioral disorders. He is board certified in clinical neuropsychology by the American Academy of Clinical Neuropsychology/American Board of Professional Psychology, has authored or co-authored 9 textbooks and over 250 peer-reviewed articles in neuropsychology, neuroimaging, and neuroscience. He is currently the Associate Editor of *Brain Imaging & Behavior* and has served in a number of elected positions in professional neuropsychological societies.

Michael Corballis (PhD)



Professor Michael Corballis received undergraduate and masters degrees from the Universities of New Zealand and Auckland, before completing his PhD in Psychology from McGill University in Montreal, Canada, in 1965. He was a Lecturer in Psychology at the University of Auckland from 1966 to 1968, when he returned to McGill as Professor of Psychology. In 1978 he came back to a Chair of Psychology at the University of Auckland. He has worked on mirror-image discrimination, cerebral asymmetry of function, mental imagery, and the evolution of language. In 1998 he received an honorary LLD from the University of Waterloo, Canada, and in 2002 was created Officer of the New Zealand Order of Merit for contributions to psychological science. He was President of INS in 2009/2010, and is currently emeritus Professor of Psychology at the University of Auckland.

James R. Flynn



Author of six books, Emeritus Professor Flynn has combined political and moral philosophy with psychology to clarify problems such as justifying humane ideals and whether it makes sense to rank races and classes by merit. Professor Flynn has been profiled in *Scientific American* and ran for the New Zealand Parliament in 1993 and 1996 as Alliance candidate for Dunedin North. Research Interests: Humane ideals and ideological debate; classics of political philosophy; race, class and IQ.

Hans Markowitsch (PhD)



Dr Hans Joachim Markowitsch is Professor of Physiological Psychology at the University of Bielefeld and Director of the Bielefeld Center for Interdisciplinary Research. He studied at the University of Konstanz, had professorships for biopsychology and physiological psychology at the Universities of Konstanz (1985- 1989), Bochum (1989-1991), and Bielefeld (since 1991) and was offered chairs of psychology and neuroscience at Australian and Canadian Universities. He co-operates with scientists from Universities and Max-Planck-Institutes in Germany, North America, South Africa and Israel. His research centers on the neural and psychic bases of memory disorders. He is author, co-author or editor of over 20 books and has written more than 500 scientific articles and book chapters. From 2009 to 2010 he is senior fellow at the Alfried Krupp Center for Advanced Science at Greifswald University.

Leanne Togher (PhD)



ASSBI Presidential Address

Leanne Togher is a speech pathologist and Senior NHMRC Research Fellow who has worked in the area of neurogenic communication disorders for the past 20 years, specializing in the field of traumatic brain injury (TBI). Leanne's current work at The University of Sydney has led to a new focus on the importance of providing communicative opportunities for people with brain injury, leading to novel training implications. Leanne has worked with the NSW Police Service to improve police officers' interactions with people with brain injury, developed a training program for staff in collaboration with the Attorney General's Department of NSW to improve access to legal services for people who cannot speak, and she is now examining the efficacy of training communication partners of people with TBI. Leanne is also involved in an evidence based practice initiative which systematically evaluates the available evidence for psychological interventions for people with acquired brain injuries from age 5 onwards (Tate, McDonald, Perdices, Togher & Moseley). The results of PsycBITE™ (*Psychological database for Brain Injury Treatment Efficacy*) are available on the world-wide-web free of charge (www.psycbite.com). Leanne has extended this work with the development of speechBITE™ which will document evidence in a similar fashion to PsycBITE™ for the Speech Pathology profession. Leanne has co-edited a book about communication following TBI and published papers in a number of international journals such as *Aphasiology*, *Brain Injury*, *Journal of Communication Disorders* and *Disability and Rehabilitation*.