

The Neuropsychiatric Institute, POWH and the Centre for Healthy Brain Ageing invite you to the:

NEUROPSYCHIATRY TRAINING WEEKEND

AT THE
PRINCE OF
WALES
HOSPITAL

14 & 15
March
2014

[Click Here to Register](#)
Places Limited

EARLY-BIRD REGISTRATION - \$150 - UNTIL 19 DECEMBER
Standard Registration - \$200

Key topics include:

- State-of-the-art overviews in Epilepsy, Huntington's & Parkinson's diseases
- Neuroimaging for the general psychiatrist
- An introduction to Neuromodulatory therapies including DBS & tDCS
- A primer on Neurogenetics
- The neuropsychiatric approach in Intellectual Disability

Who will benefit?

This series of seminars will benefit registrars and advanced trainees in psychiatry and neurology, psychiatrists, neurologists, neuropsychologists and clinical neuroscience researchers.



PROGRAM

VENUE LOCATION:

John M. Dwyer Lecture Theatre, Ground Floor
North Wing, Edmund Blackett Building, Prince
of Wales Hospital
Barker Street, Randwick, NSW 2031

Friday, 14th March: 12.45pm - 6pm

12:45 pm	Introduction	Perminder Sachdev
Session 1 Neuroscientific Foundations		
1:00 pm	The neurochemical basis of emotional disorders This session will focus on current knowledge of the pathophysiology of psychiatric disorders and the possible mechanisms through which medications act to alleviate emotional distress.	Iain McGregor
2.00 pm	A primer on neurogenetics This session will provide an introduction to key concepts in neurogenetics and an overview of the various genetic approaches using Alzheimer's disease as an example.	Karen Mather
2.50 pm	Functional neuroanatomy of the limbic brain This talk will cover the history of the limbic brain concept and how this concept has evolved into the current view of a neural substrate of emotion.	Pascal Carrive
3.40 pm AFTERNOON TEA		
Session 2 Neuroimaging for clinical psychiatrists		
4-6 pm	Neuroimaging Neuroimaging is increasingly relevant to clinical psychiatry. This session addresses some of the basic issues in neuroimaging.	Perminder Sachdev

Saturday, 15th March: 9am – 5.30pm

Session 3 Brain Stimulation		
9.00 am	TMS and DCS This session will focus on Transcranial Magnetic Stimulation (TMS) and Transcranial Direct Current Stimulation (tDCS) as future tools for therapy and investigation in psychiatry.	Colleen Loo
10:00 am	DBS This session will focus on the upcoming field of Deep Brain Stimulation in neuropsychiatric disorders.	Adith Mohan
10:45 am MORNING TEA		
Session 4 Drug-induced Movement Disorders		
11:00 am	Drug-induced movement disorders This session addresses the basic issues in relation to tardive dyskinesia, drug-induced parkinsonism, akathisia, tardive dystonia and neuroleptic malignant syndromes.	Perminder Sachdev
1:00 pm LUNCH		
Session 5 State-of-the-art overviews		
2:00 pm	Parkinson's disease – The principles of management This session will focus on management strategies at different stages of Parkinson's disease with particular focus on neuropsychiatric symptomatology and therapeutic interventions.	Paul Silberstein
2.45 pm	Huntington's disease This session will touch on the key neuropsychiatric aspects of Huntington's disease.	Clement Loy
3.30 pm AFTERNOON TEA		
3:45 pm	Epilepsy This session will cover key issues related to diagnosis and management of epilepsy.	Ernest Somerville
4:30 pm	A neuropsychiatric approach to Intellectual Disability This session will illustrate the neuropsychiatric approach to genetic causes of intellectual disability.	Julian Trollor

 [Click here to register](#) ❖ **Early-bird until 19 December**

Professor Perminder Sachdev



Perminder Sachdev is Scientia Professor of Neuropsychiatry, Co-Director of the Centre for Healthy Brain Ageing (CHeBA) in the School of Psychiatry, UNSW and Clinical Director of the Neuropsychiatric Institute (NPI) at the Prince of Wales Hospital, Sydney. He is a former President of the International Neuropsychiatric Association and

President of the International College of Geriatric Psychoneuropharmacology. He has broad research interests, with a major focus on dementia and cognitive ageing, drug-induced movement disorders, neuroimaging and brain stimulation. He has published over 350 peer-reviewed journal papers and 5 books.

Professor Iain McGregor



Iain McGregor is Professor of Psychopharmacology, ARC Professorial Fellow and Director of the Psychopharmacology Laboratory in the School of Psychology at the University of Sydney. Professor McGregor's research focuses on the effects of recreational drugs and prescription drugs on brain and behaviour and also involves development of new

medications for the treatment of anxiety, depression and addiction. He also has an interest in characterising the toxicity of novel emerging psychoactive drugs such as synthetic cannabinoids, mephedone and MDPV.

Dr Karen Mather



Dr Karen Mather is a Research Fellow and Leader of the Genetics and Genomics Group at the Centre for Healthy Brain Ageing (CHeBA), School of Psychiatry, UNSW. Her research focus is to gain a better understanding of the genetic and epigenetic factors involved in brain ageing, age-related decline and disease.

Associate Professor Pascal Carrive



Pascal Carrive is an Associate Professor in the School of Medical Sciences, UNSW. He worked first in the School of Psychology and moved later to the area of Anatomy. He currently teaches neuroanatomy and conducts research in the neurosciences. His research focuses on the neural substrate that links the limbic system to the autonomic nervous system.

Professor Colleen Loo



Colleen Loo is a Professor based in the School of Psychiatry, UNSW. She is a psychiatrist, researcher and academic, with a clinical base at St George Hospital and a research base at the Black Dog Institute (Sydney). She is internationally recognised for her research in Electroconvulsive Therapy and novel physical treatments, particularly Transcranial Magnetic Stimulation and transcranial Direct Current Stimulation.

Dr Adith Mohan



Adith Mohan is a neuropsychiatrist based at the Prince of Wales hospital, where he has a clinical role, including working with patients with memory disorders. He is also a Research Fellow with the Centre for Healthy Brain Ageing (CHeBA) and his research interests include the study of brain stimulation therapies for psychiatric and movement disorders.

Dr Paul Silberstein



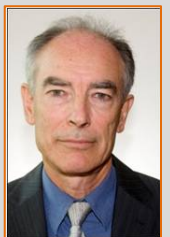
Paul Silberstein is a Senior Staff Specialist in Neurology at Royal North Shore Hospital and VMO at North Shore Private Hospital. Dr Silberstein's clinical focus is in the medical and surgical treatment of Parkinson's disease and movement disorders. He has acted as the intra-operative neurophysiologist in over 350 deep brain stimulation procedures and continues to manage over 500 patients with Parkinson's disease, tremor and hyperkinetic movement disorders.

Dr Clement Loy



Clement Loy is a cognitive neurologist and clinical epidemiologist, with a research interest in molecular genetics. Dr Loy is Director of the Huntington Disease (HD) Service at Westmead, which services around 75% of people with HD in New South Wales. He is an investigator in a number of projects and clinical trials for people with HD. He services on various governmental advisory panels, including the Economic Subcommittee of the PBAC.

Associate Professor Ernest Somerville



Ernest Somerville is Director of the Comprehensive Epilepsy Service of the Prince of Wales Hospital in Sydney and Associate Professor at UNSW. He established the epilepsy surgery program at Westmead Hospital in Sydney and became head of the Prince of Wales program in 2003. A/Professor Somerville's research interests include clinical epilepsy, EEG, epilepsy in developing countries and seizure aggravation by anti-epileptic drugs.

Associate Professor Julian Trollor



Julian Trollor is a neuropsychiatrist who holds the inaugural Chair of Intellectual Disability and Mental Health at UNSW. He also heads the Department of Developmental Disability Neuropsychiatry within the School of Psychiatry at UNSW. Professor Trollor is involved in diverse research programs including ageing and cognitive decline in intellectual disability, intellectual disability in the criminal justice system, human rights and healthcare in intellectual disability, and ageing studies in the general population.

ABOUT THIS UNIQUE EVENT

The weekend promises to be inspirational as well as instructional. Participants will receive supplementary educational material.

REGISTRATION INCLUDES

A nominal registration fee applies and includes attendance at ALL the sessions, tea, coffee, refreshments, afternoon tea on the Friday and morning tea, lunch and afternoon tea on the Saturday.

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