



Faculty of Medicine, Dentistry and Health Sciences  
Melbourne Medical School  
Department of Psychiatry

## Annual Research Symposium

Celebrating our partnerships with  
Peking University and The Chinese University of Hong  
Kong

## Mental Health in Ageing: A Lifespan Perspective

Thursday, 10 August 2017  
8.30am - 6.00pm

Ian Potter Auditorium, Kenneth Myer Building  
The University of Melbourne  
Corner of Genetic Lane and Royal Parade, Parkville

Please RSVP : <https://dopresearch100817.eventbrite.com> by 3 August 2017 for catering purposes and attendance

**The University of Melbourne, Peking University,  
The Chinese University of Hong Kong, Joint Symposium**

| <b>TIME</b> | <b>ITEM</b>   | <b>SESSION CHAIR</b>      |
|-------------|---|---------------------------|
| 8.00am      | <b>Registration</b><br>(Foyer, Kenneth Myer Building)   |                           |
| 8.30am      | <b>Opening and Welcome Address</b><br>Professor Shitij Kapur<br>Professor Qimin Zhan<br>Professor Wing Yun Kwok   | Professor Ian Overall     |
| 9.00am      | <b>Group photo</b>  |                           |
| 9.15am      | <b>Session 1</b><br>Professor Lin Lu<br>The novel procedures to erase bad memory  | Professor Malcolm Hopwood |
| 9.35am      | <b>Session 2</b><br>Professor Wing Yun Kwok<br>The Interface Between Sleep Medicine and Psychiatry –<br>past, present and future                                | Professor Chee Ng         |
| 9.55am      | <b>Session 3</b><br>Professor Nicola Lautenschlager<br>Australian Physical Activity Guidelines for People with<br>Memory Concerns and Mild Cognitive Impairment | Professor Huali Wang      |
| 10.15am     | <b>Morning tea</b>  |                           |
| 10.30am     | <b>Session 4</b><br>Professor Xin Yu<br>Biological and clinical factors associated with one year<br>outcome of first episode psychosis                          | Professor Richard Kanaan  |
| 10.50am     | <b>Session 5</b><br>Dr Sandra Chan<br>Neural network-based intervention in major depression   | Professor Dave Coghill    |
| 11.10am     | <b>Session 6</b><br>Professor Louise Newman AM<br>Promoting Early Brain Development<br>-attachment based interventions  | Professor Hongqiang Sun   |
| 11.30am     | <b>Conclusion</b>   | Professor Lin Lu          |
| 11.45am     | <b>Lunch</b><br><b>Scientific Poster Session</b><br>(Foyer, Kenneth Myer Building)  |                           |

| <b>Mental Health in Ageing: A Lifespan Perspective</b> |  |                                 |
|--|--|---------------------------------|
| <b>TIME</b>  | <b>ITEM</b>  | <b>SESSION CHAIR</b>            |
| 1.00pm   | <b>Introduction</b>  | Professor Ian Everall           |
| 1.15pm   | <b>Keynote Speaker</b><br><b>Professor Ashley Bush</b><br>Is Alzheimer's disease caused by brain rust?   | Professor Ian Everall           |
| 1.50pm   | <b>Associate Professor Christina Bryant</b><br>Relationships between depression and heart rate variability in older adults<br><br><b>Associate Professor Mark Walterfang</b><br>The hidden tauopathy: Adult brain changes in Neumann Pick Type C<br><br><b>Dr Anita Goh</b><br>Dementia in the workplace   | Professor Nicola Lautenschlager |
| 2.45pm   | <b>Afternoon tea</b>   |                                 |
| 3.00pm   | <b>Early Career Researcher Session</b><br><br><b>Mr Chenxing Liu</b><br>Effects of folic acid and c677t polymorphism on cognitive impairment in Chinese Elderly People with Hypertension<br><br><b>Dr Emily You</b><br>Process description and methodology of developing physical activity guidelines for older adults with mild cognitive impairment or subjective cognitive concerns<br><br><b>Ms Hayley Darke</b><br>Face processing in schizophrenia and other psychiatric disorders<br><br><b>Ms Tia Cummins</b><br>The cognitive casualties of war: Investigating the effects of service-related traumatic brain injury on Alzheimer's disease in Vietnam war veterans<br><br><b>Ms Claire Hayes</b><br>The exploratory evaluation of an inpatient model of care for adolescents experiencing mental health problems: A prospective longitudinal study | Professor Nick Haslam           |
| 4.20pm   | <b>Closing speech and Poster and Presentation Awards</b>   | Professor Malcolm Hopwood       |
| 4.30pm   | <b>Break before Alice Barber Public Lecture</b>  |                                 |

| ALICE BARBER PUBLIC LECTURE |   |                        |
|-----------------------------|---|------------------------|
| TIME                        |   | SESSION CHAIR          |
| 5.00pm to 6.00pm            | <p><b><i>The Alice Barber Public Lecture is co-sponsored by the Melbourne School of Psychological Sciences &amp; the Department of Psychiatry, who organise the lecture in alternating years</i></b></p> <p><b>Professor Nancy Pachana University of Queensland</b></p> <p>Ageing: Past, Present and Future</p> <p>Ageing is an activity we are familiar with from an early age. In our younger years, upcoming birthdays are anticipated with an excitement that somewhat diminishes as the years progress. As we grow older we are bombarded with advice on ways to overcome, thwart, resist, and on the rare occasion, embrace one's ageing. Have all human beings from the various historical epochs and cultures viewed aging with this same ambivalence?</p> <p>In this lecture, Professor Pachana discusses the lifelong dynamic changes in biological, psychological and social functioning involved in ageing. Increased lifespans in the developed and developing world have created an urgent need to find ways to enhance our functioning and well-being in the later decades of life, and this need is reflected in policies and action plans addressing our ageing populations from the World Health Organization and the United Nations. Mental health and ways to decrease risk of cognitive decline and dementia will be discussed.</p> <p>Looking to the future, she considers innovative advancements in the provision for our ageing populations, including revolutionary models of nursing home care such as Green House nursing homes in the USA and Small Group Living homes in the Netherlands. She shows that understanding the process of ageing is not only important for individuals, but also for societies and nations, if the full potential of those entering later life is to be realised.</p> | Professor Sarah Wilson |

## PARTICIPANTS



**Professor Shitij Kapur, MBBS, PhD, FRCPC, FMedSci  
Professor of Psychiatry and Dean, Faculty of Medicine, Dentistry and Health Sciences,  
Assistant Vice Chancellor (Health), The University of Melbourne**

Professor Shitij Kapur is the Dean, Faculty of Medicine, Dentistry and Health Sciences and Assistant Vice-Chancellor (Health), The University of Melbourne. Shitij is a clinician-scientist with expertise in psychiatry, neuroscience and brain imaging. He trained as a Psychiatrist at the University of Pittsburgh, and undertook a PhD and Fellowship at the University of Toronto. He is a Diplomate of the American Board of Psychiatry and Neurology, similarly Board Certified in Canada and has a specialist medical license in the United Kingdom.

Professor Kapur's main research interest is in understanding Schizophrenia and its treatment. He has used brain imaging, animals models and clinical studies which have led to a better understanding of antipsychotic action, its relationship to brain dopamine receptor blockade, the role of appropriate dosing of these drugs and has led to the development of the 'salience' framework of psychosis and the 'early onset' hypothesis of antipsychotic action. He is now working on how 'biomarkers' might be best incorporated into psychiatric care and drug development. Shitij has published 300 peer-reviewed papers, his work has received over 25,000 citations as he has made numerous presentations worldwide. He serves in advisory capacity to public charities and pharmaceutical companies and has received national and international awards including the AE Bennett Award of the Society for Biological Psychiatry, Paul Janssen Award of the CINP. He is a Distinguished Fellow of the American Psychiatric Association and the Fellow of the Academy of Medical Sciences, UK, and Fellow of King's College London, UK. He led NEWMEDS, an EU-wide Innovative Medicines Initiative and STRATA, a UK-wide program to enhance stratified medicine strategies in psychiatry.

Professor Kapur's former position was Executive Dean Institute of Psychiatry, Psychology and Neuroscience (IoPPN) Institute of Psychiatry, Psychology and Neuroscience (IoPPN) Europe's largest and leading centre for mental health research. Prior to this role, Shitij was Vice-President (Research) for the Centre for Addiction and Mental Health (CAMH) Toronto. CAMH is both a large hospital and university affiliated research institute and is Canada's premier centre for research into mental health and addictions.

Shitij has served as a Non-Executive Director of the South London and Maudsley NHS Trust in the US, as Secretary [Honorary] of the International College of the Neuropsychopharmacology (CINP) and a Treasurer of the Schizophrenia International Research Society (SIRS). He currently serves on the Board of the Royal Melbourne Hospital, the Walter and Eliza Hall Institute and the St. Vincent's Research Institute in Melbourne.



**Professor Ian Everall** is the Cato Professor and Head of the Department of Psychiatry, The University of Melbourne. From 2004 to 2009 he was Professor of Psychiatry at the University of California, San Diego USA and from 1999 to 2004 he was Professor Experimental Neuropathology and Psychiatry, Institute of Psychiatry King's College London.

In 2014 he formally established The University of Melbourne – Peking University Centre for Psychiatric Research and Training that celebrates over twelve years of partnership with colleagues at Peking University. Furthermore he and his colleagues have enjoyed teaching and research collaboration with psychiatric colleagues at Peking University as well as colleagues across China and Hong Kong.

Professor Everall's primary research focus is to investigate the neuropathological changes associated with schizophrenia, major depression and bipolar disorder. This has involved undertaking detailed stereological quantitation of cellular changes and gene expression changes in these disorders and examining various neurodevelopmental pathways and noting abnormalities in the expression of components of these pathways in the brain in schizophrenia. In addition, he has been undertaking in vitro assessments of the cellular and genetic changes associated with antidepressants and antipsychotic medication. Professor Everall will take up the position of Executive Dean at the Institute of Psychiatry, Psychology and Neuroscience, King's College London at the end of August 2017.



**Professor Malcolm Hopwood** will take up the position of Interim Head of Department of Psychiatry at The University of Melbourne from August 2017. He completed a Doctor of Medicine (MD) at the University of Melbourne in 1997. After working in the public health-care system for many years, he has held the position of Professor of Psychiatry with Ramsay Health Care at The University of Melbourne and Clinical Director, Professorial Psychiatry Unit at the Albert Road Clinic since 2013. His research interests include basic neurobiology and clinical aspects of mood and anxiety disorders, psychopharmacology, mental health care systems and psychiatric aspects of acquired brain injury. As Chief Investigator, he has been awarded current grant funding from the NHMRC, US Department of Defence and ISSCR totalling \$4.8M.

Professor Hopwood has held a number of roles with the Royal Australian and New Zealand College of Psychiatry (RANZCP). These include a two-year term as College President (2015-2017) and Victorian Branch Chair (2009-2013). He was a member of General Council (2007-2009) and a member of the Board of Research for ten years. He is a member of the Faculty of Psychiatry of Old Age and the Section of Neuropsychiatry. From 2009 to 2016 he was Chair of the Board of the Summer Foundation, a not for profit organisation aiding people with neurological disability to access appropriate housing. In 2017, he was nominated as President Elect of the Asian Federation of Psychiatric Associations.



**Professor Ashley Bush** is Professor of Neuroscience and Psychiatry at The University of Melbourne, based at the Florey Institute of Neuroscience & Mental Health and Department of Psychiatry. He received his MB BS and PhD from The University of Melbourne, and performed post-doctoral research at Massachusetts General Hospital (MGH), Harvard Medical School. He has clinical appointments in psychiatry and radiology at MGH and the Royal Melbourne Hospital. His research focuses on metals in the function and dysfunction of the brain. He has more than 390 publications and twenty-nine patents, and several awards including the Potamkin Prize from the American Neurological Association, the Organon prizes from the RANZCP, and the 2014 Victoria Prize. He is currently listed in Thomson Reuters' "World's Most Influential Scientific Minds".



**Professor Dave Coghill** is the Financial Markets foundation Chair of Developmental Health at The University of Melbourne. Prior to this, he was Professor of Child and Adolescent Psychiatry at the University of Dundee in Scotland. He has a particular interest in ADHD, disruptive behaviours and psychopharmacology. His work has focused on developing a better understanding of the pathophysiology of ADHD, conduct disorder and depression using a range of approaches including neuropsychopharmacology, neuroimaging and genetics, patient reported outcomes and quality of life, pharmacogenomics, clinical trials, pharmacovigilance and pharmacoepidemiology. He has always maintained a strong clinical presence and is particularly interested in translating clinical guidelines into clinical pathways that facilitate the rapid transfer of research evidence into routine clinical practice. He is the senior author of the Oxford Specialist Handbook on Child and Adolescent Psychiatry and completed a term as an editor of the Journal of Child Psychology and Psychiatry.



**Professor Nick Haslam** is Professor of Psychology and former Head of the School of Psychological Sciences. He received his PhD from the University of Pennsylvania in 1993, and taught at the New School for Social Research in New York City before returning to Australia. Nick's research interests include personality, intergroup relations and psychiatric classification. In addition to his academic publications, he writes regularly for *The Conversation*, *Australian Book Review*, *The Monthly*, *The Guardian*, the *Washington Post*, and *Best Australian Science Writing* anthologies. Nick is a Fellow of the Academy of the Social Sciences in Australia, a former member of the Australian Research Council College of Experts, and Past President of the Society of Australasian Social Psychologists.



**Professor Richard Kanaan** is Chair of Psychiatry and Consultant Psychiatrist, Austin Hospital, Professor of Psychiatry, The University of Melbourne. Professor Kanaan studied mathematics and philosophy in Oxford and Los Angeles, before training in medicine and psychiatry in London. He worked as a clinician and academic at the Maudsley Hospital/Institute of Psychiatry in London, until he was appointed Chair of Psychiatry and Consultant Psychiatrist at Austin Hospital in 2013. He has a special interest in conversion disorder, which he has researched from a number of perspectives. He has advised the Royal College of Psychiatrists and the National Health Service on its management, and developed and led a specialist conversion disorder clinic for many years.



**Professor Nicola Lautenschlager** is Professor of Psychiatry of Old Age and Clinical Director. She is an academic old age psychiatrist who received her undergraduate and postgraduate training at the Technical University in Munich, Germany. From October 2000 to June 2008 Professor Lautenschlager worked at the University of Western Australia in Perth before taking up her current position at The University of Melbourne. Her research focus is early diagnosis of cognitive impairment and intervention trials for older adults to improve mental health outcomes.



**Professor Louise Newman AM**, is Director, Centre for Women's Mental Health, Professor of Psychiatry, Department of Psychiatry, The University of Melbourne. Professor Newman studies approaches to helping women with anxiety and depression during pregnancy and in early parenting. She has developed programs for mothers aimed at improving early attachment and infant development. She is recognised as a leader in the area of infant psychological development. Professor Newman provides advice to State and Commonwealth governments on early parenting support and child protection. She is a former President of the Royal Australian and New Zealand College of Psychiatrists and is involved in the training of psychiatrists and psychologists in perinatal and infant mental health and psychotherapy. She was awarded the Order of Australia for her work in child protection and human rights.



**Professor Chee Ng**, Healthscope Chair of Psychiatry, and heads the Professorial Unit at The Melbourne Clinic, Department of Psychiatry, The University of Melbourne. He has wide interest in academic and clinical psychiatry including psychopharmacology of depression and bipolar disorder, community psychiatry and global mental health. He is also Director of the International Unit at St Vincent's Mental Health, Co-Director of Asia-Australia Mental Health and Site Director of WHO Collaborating Centre in Mental Health. He has served as an international mental health consultant for the WHO, the Commonwealth of Nations and APEC.





**Professor Sarah Wilson** is Head of the Melbourne School of Psychological Sciences at The University of Melbourne. She is also an Adjunct Senior Fellow in the Melbourne Medical School, and the Director of Music, Mind & Wellbeing in the Melbourne Neuroscience Institute. By studying relationships between the mind, the brain and human behaviour, her work combines the roles of a Cognitive Neuroscientist and Clinical Neuropsychologist. She uses a range of behavioural and neuroimaging techniques to understand how we can enhance brain function in healthy individuals, and facilitate recovery and treatment in people with neurological disorders. She has established a hospital-based rehabilitation service for epilepsy patients and their families, and a community-based Psychosocial Clinic for patients with neurological and psychogenic disorders. Currently, she is also Chair of the Diagnostic Methods Commission of the International League Against Epilepsy (ILAE).



**Associate Professor Christina Bryant** is currently serving as the Director of The University of Melbourne's clinical psychology training programme. She has 20 years' clinical experience and 14 years' research experience in psychology and the mental health of older adults, in particular the prevalence of anxiety and depression; the relationship between attitudes to ageing and anxiety, depression, and well-being and the promotion of healthy ageing. She collaborates extensively with researchers within and outside psychology and has published widely in international journals and books. Christina served on the committee on anxiety disorders in older adults for the American Psychiatry Association's revision of the DSM-5.



**Associate Professor Mark Walterfang** graduated in medicine from University of Queensland with honours in 1993, and completed his Fellowship of the Royal Australian and New Zealand College of Psychiatrists in 2000. He worked as a consultant psychiatrist at the Adult Mental Health Rehabilitation Unit at Sunshine Hospital and as a consultant neuropsychiatrist at the Royal Melbourne Hospital Neuropsychiatry Unit for two years. During this time he was appointed Academic Fellow at The University of Melbourne Department of Psychiatry. From 2003-2005 he was appointed as a Senior Research Fellow at the Mental Health Research Institute, involved in neuroimaging research as part of a Stanley Foundation Centre Grant, and from 2006 has been a research fellow at The Melbourne Neuropsychiatry Centre. He has also been involved in the development in a number of clinical tools for use in psychiatric patients in the areas of cognition and behavioural observation, and their validation in a variety of medical, neurological and psychiatric settings.



**Dr Anita Goh** is a clinical and research neuropsychologist who is committed to optimising cognitive health, mental health and wellbeing, and quality of life in ageing. She works clinically at the Neuropsychiatry Unit, Royal Melbourne Hospital, and is a research fellow and Huntington's disease lab head at the Academic Unit for Psychiatry of Old Age in the Department of Psychiatry, The University of Melbourne; an honorary research fellow at the National Ageing Research Institute and St Vincent's Hospital; and was a National Dementia Training Study Centre Fellow in 2016. Her work focuses on healthy ageing, dementia prevention, and psychiatric and neurodegenerative disorders, particularly Huntington's disease.



**Professor Nancy A. Pachana** is a clinical geropsychologist, neuropsychologist and Professor in the School of Psychology at The University of Queensland, and is co-director of the UQ Ageing Mind Initiative, providing a focal point for clinical, translational ageing-related research at UQ. Dr Pachana has an international reputation in the area of geriatric mental health, particularly with her research on late-life anxiety disorders. She is co-developer of the Geriatric Anxiety Inventory; a published brief self-report inventory in wide clinical and research use globally, translated into over two dozen languages. She has published over 200 peer-reviewed articles, book chapters and books on various topics in the field of ageing, and has been awarded more than \$20 million in competitive research funding, primarily in the areas of dementia and mental health in later life. Her research areas include anxiety in later life, psychological interventions for those with Parkinson's Disease, nursing home interventions, driving safety and dementia, research on human-animal interventions, and mental health policy and ageing. Nancy was elected a Fellow of the Academy of Social Sciences in Australia in 2014. She is the recipient of numerous prizes and awards, including an Australian Davos Connection Future Summit Leadership Award, for leadership on ageing issues in Australia. She is the author of *Ageing: A Very Short Introduction* (Oxford University Press Very Short Introduction Series). Originally from the United States, Nancy was awarded her AB from Princeton University in 1987, her PhD from Case Western Reserve University in 1992, and completed postdoctoral fellowships at the Neuropsychiatric Institute at UCLA, Los Angeles, and the Palo Alto Veterans Medical Center, Palo Alto, California.



**Professor Qimin Zhan, MD**, is currently an Academic of the Chinese Academy of Engineering, the President of Peking University Health Science Center, and Director of the State Key Laboratory of Molecular Oncology.

Dr. Zhan was Chairman of the National Advisory Board for 863 High-Tech plan in the field of biomedical sciences and is the Chief Scientist of the 973 National Fundamental Program. Dr. Zhan's research interest is focused on the molecular pathways involved in the control of cell cycle checkpoint and apoptosis after DNA damage, and the signalling pathways involved in regulation of the maintenance of genomic stability and tumor metastasis. In recent years, Dr. Zhan has focussed on the cancer translational study, including molecular diagnosis and personalized therapy. His research has successfully attracted multiple grants from different funding agencies. He has published more than 220 peer-reviewed SCI papers, many in prestigious journals including Nature, Cell, the Journal of Clinical Investigation, and others. To date, they have been cited more than 12,000 times.



**Professor Lin Lu** is Director of the Institute of Mental Health/Sixth Hospital of Peking University and was the former Director of National Institute on Drug Dependence, Peking University. He graduated with a Medical Degree in 1989 and Ph.D. in 1999, finishing his Post-Doc training at the National Institute of Health, USA in 2003. He was appointed as the Professor and Director of National Institute on Drug dependence, Peking University in 2004. His research interest includes the development of new intervention and understanding the neurobiological mechanism for depression, sleep disorders and drug abuse. Professor Lu has over 250 publications in peer-reviewed journals including Science, Nature Neuroscience and Am J Psychiatry and has received over \$60M in research funding.



**Professor Qiudan Sun** is the Director of the Office of International Cooperation of Peking University Health Science Center (PUHSC). Professor Sun also serves as Vice Chair of the Department of Applied Linguistics at the School of Foundational Education, PUHSC. She is a co-lead for the Collaboration Core for the UMHSPUHSC Joint Institute. Professor Sun's research interests include the science of collaboration and applied linguistics.



**Professor Xin Yu** is Professor of Clinical Psychiatry. His major research focus is dementia, late life depression, first onset schizophrenia, mental health and HIV/AIDS, bipolar disorders and neurocognition assessment in neuropsychiatric disorders. Professor Yu has co-authored more than 175 original articles and more than 15 book chapters. He is Editor-in-chief of the Chinese Journal of Psychiatry and edits more than ten domestic and international peer-reviewed journals.



**Professor Huali Wang** is the Chair for Clinical Research Division and Associate Director of Dementia Care & Research Center at Peking University Institute of Mental Health, and Associate Director of Beijing Dementia Key Lab. She is Secretary of International Psychogeriatric Association and Consultant of WHO Global Dementia Plan and Global Dementia Observatory. Dr. Wang graduated from Beijing Medical University in 1994, earned MD/PhD degree in 2001, and was senior research fellow on International Mental Health Research at Harvard Medical School, postgraduate fellow on dementia research at University of California, Irvine, and visiting professor at Duke University. Dr Wang's research interest include exploring neuroimaging, neuropsychological and biological signatures of Alzheimer's disease (AD) and mild cognitive impairment (MCI), conducting cognitive training for MCI and psychosocial intervention for dementia caregivers.



**Professor Hongqiang Sun** is Professor/Chief of Department of Sleep Medicine at Peking University Sixth Hospital/Institute of Mental Health. He graduated with an M.D. in 1996 and Ph.D. in 2010. He was visiting associate professor at the University of Texas in Houston in 2012. Dr. Sun's research interests focus on the clinical interventions and neurobiological mechanism on alcohol craving, reward memory extinction in sleep, pharmacogenomics of NRT on smoking cessation, and the interventions on the sleep disorder and co-morbidity of sleep disorder and mental health.



**Professor Hong Ma** is the former director of the Department of Public Mental Health, Institute of Mental Health, Peking University and executive director of the National Center for Mental Health under China-CDC. She is specialized in crisis intervention and public mental health and participated in almost all major post-disaster interventions in China since 1999. Recently, she dedicates much time to improve the mental health service system in China. From 2004, she manages the psychoses management and treatment project funded by MOH, which built the database of psychoses patients and provides free treatment and follow-up for poor patients in demonstration sites.



**Dr Xia Zhang** is the Director of the President's Office at Peking University Institute of Mental Health/ Peking University Sixth Hospital. Dr. Zhang received her PhD degree in child psychiatry and graduated from Peking University Institute of Mental Health in 2006. She has participated in many training programs such as the China Collaborative Suicide Research Training Program, China-Hong Kong-Melbourne Tripartite Community Mental Health Training. Dr. Zhang's research interest includes health management, hospital administration, health education and child psychiatry. She is a member of the Committee of Hospital Administration at Beijing Hospital Association.



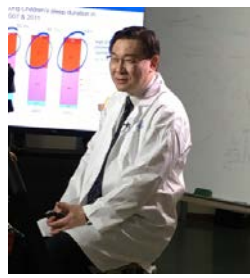
**Ms Xiaojia Li** obtained her MSc in business management at University of East Anglia, United Kingdom. She has been working in the Office of International Cooperation since 2005. At present, she is responsible for developing partnerships with overseas universities, scientific research institutions, NGOs, and companies. She facilitates the visits of overseas professors, experts, and faculty members and manages the overseas exchange programs.



**Dr Lili Guan**, PhD & MPH, is an associate researcher and psychiatrist at the Dept of Public Mental Health, Peking University Institute of Mental Health. She has broad training in clinical psychiatry, genetics and public health, and overseas specialists training in Harvard Medical School and Melbourne University. Dr Guan has been heavily involved in psychosis research projects including research screening susceptibility genes underlying in the etiology of Schizophrenia, and assessing the effectiveness of community mental health programs for psychosis. These works were published by Molecular Psychiatry, Plos One and other Journals.



**Dr Jing Wang** is an assistant researcher at the Clinical Research Division at Peking University Institute of Mental Health. Dr. Wang graduated with a Medical Bachelor's Degree from Jinlin University in 2008. During 5 years' PhD program in Neuroscience Research Institute, Peking University Health Science Center, Dr. Wang conducted studies on the pattern of connectivity among neuronal oscillations in pathological painful state and anti-nociceptive state in awake behaving animals, and was awarded her PhD degree in 2013. In 2012, supported by a state Scholarship Fund from the China Scholarship Council, Dr. Wang trained in the field of Brain-to-brain Interface for 1 year in Prof. Miguel A. L. Nicolelis's lab at the department of Neurobiology, Duke University Medical Center.



**Professor Wing Yun Kwok** is currently a Professor at the Department of Psychiatry and Associate Dean (Student affairs) of the Faculty of Medicine of the Chinese University of Hong Kong. Professor Wing is also the Director of the Sleep Assessment Unit of Shatin Hospital. He has been the Honorary Chief of Service in the Department of Psychiatry in both Shatin Hospital and Prince of Wales Hospital since 2003. He has diverse research interests including sleep medicine, psychiatric epidemiology and transcultural psychopharmacology. He was awarded the distinguished national award for Sleep Medicine Scientific Technological Advance in China by the Chinese Medical Doctor Association at 2010 and distinguished contributions to the development of sleep medicine and sleep research by Chinese Sleep Research Society at 2016. He was also awarded the Teacher of the Year Awards, Faculty of Medicine, CUHK in 2012-13.



**Dr Sandra Chan**, Specialist in Psychiatry, Fellow of the Royal College of Psychiatrists (UK), is currently appointed as Associate Professor of Department of Psychiatry, and Assistant Dean (Student Support) of Faculty of Medicine, The Chinese University of Hong Kong. She is educator of undergraduate and post-graduate psychiatry training for CUHK and the Hospital Authority of Hong Kong respectively, as well as researcher in suicide prevention and mood disorder specializing in neuroimage guided neuromodulation treatment for treatment refractory depression. She also held appointment as chairman of research committee at the Hong Kong College of Psychiatrists.