

2017

RBWH

RESEARCH REPORT

METRO NORTH MENTAL HEALTH

RBWH

celebrating

150
years

1867-2017



Queensland
Government

MENTAL HEALTH



ASSOC. PROF. BRETT EMMERSON AM
Executive Director
Metro North Mental Health Service

We strengthened partnerships with community agencies, implementing and evaluating innovative programs to improve care pathways

Metro North Mental Health (MNMH) recognises the full integration of research and practice as critical to optimising the efficiency and effectiveness of services, and achieving our mission of improving the mental health of consumers and the community. Strong leadership from the Executive and investment in human and technological resources over the past decade has supported establishment of a culture of critical enquiry in which research capabilities and motivation are fostered and opportunities are created for staff to engage as a consumers, participants or producers of research. MNMH supports conjoint clinical academic appointments with various universities, actively encourages and supports clinicians to undertake post-graduate study and collaborates effectively with a range of stakeholders, locally, nationally and internationally. During 2017 we strengthened partnerships with community agencies, implementing and evaluating innovative programs to improve care pathways.

Staff across disciplines and service lines are working collaboratively to design and conduct research and support translation of evidence to practice. The combined efforts and substantial expertise of researchers in dedicated and clinical positions have supported continuous increases in research and related activities within the service and engagement in collaborative research activities. Productivity is reflected in the publications and other dissemination activities included in this report. Demonstrating increased engagement of staff in evaluation and dissemination of their work, many of these presentations are by clinicians and managers. Importantly, studies conducted locally are immediately informing service and practice and service development. The multiple robust collaborations, with universities, non-government agencies and consumers established by team members will ensure research within MNMH continues to flourish.

Research conducted within MNMH and by MNMH researchers spans multiple spectrums –ranging from basic discovery science through interventional clinical studies, to health services and policy research. Diverse methodologies are used to develop the evidence needed to improve mental health across the lifespan. Some studies are funded by prestigious grants – many are conducted by dedicated clinicians who go the extra mile to integrate research in practice, with in-kind support of the service. Recognising that excellence in mental health care is dependent on the combined activities of a healthy, diverse workforce; we have been especially pleased this year to invest in research examining the work-lives and wellbeing of our operational and administrative staff. Such diversity is not easily categorised but research falls broadly under six themes as described below.

METRO NORTH MENTAL HEALTH

Queensland Eating Disorder Service

The Queensland Eating Disorder Service (QuEDS) is a specialist state wide service that provides consultation, training and treatment for people affected by eating disorders throughout Queensland. QuEDS is staffed by a multidisciplinary team including psychiatrists, psychiatric registrars, psychologists, mental health nurses, social workers, dietitians and occupational therapists. The service strives for a culture of quality assurance in treatment delivery, innovation in service development, and collaboration in clinical research. QuEDS has a range of partnerships and cooperative relationships with other government and non-government organisations to deliver training, consultation, treatment and research around eating disorders and related issues. QuEDS also includes the expertise of those with lived experience of eating disorders in the planning, development, delivery and evaluation of services. Currently QuEDS is collaborating with the Queensland Brain Institute and Asia-Pacific Centre for Neuromodulation to conduct study into deep brain stimulation for treatment-resistant Anorexia Nervosa; the University of Sydney to participate in NHMRC-funded trial of intranasal oxytocin for Anorexia Nervosa; the University of Queensland to evaluate a three-month intensive outpatient treatment program for transdiagnostic eating disorders and to develop family inclusive practice with carers affected by eating disorders. This is a major new area of service activity and will work carefully to safely and effectively support adult patients and their natural care systems, their families. QuEDS also has a long standing partnership with the Queensland Institute of Medical Research to support a worldwide genetics initiative in Anorexia Nervosa; the Butterfly Foundation and Primary Health Networks to promote early identification and effective early intervention in disordered eating problems; general medical services to support the inpatient care of people with eating disorders requiring hospitalisation for medical stability; and multiple Hospital and Health Services in Queensland to further service development throughout the state. Much of these achievement have been realised under the guidance of the QuEDS/EDOS founding team leader, Elaine Painter. With her retirement this year, the QuEDS research portfolio will be passed on to the new Service Development Team Manager to drive the agenda forward. This year also saw QuEDS Director, Dr Warren Ward receive the Australia and New Zealand Academy for Eating Disorders Award for Distinguished Achievement in the Field of Eating Disorders. The Academy acknowledged Dr Ward's major contribution to service development and clinical treatment of patients with eating disorders as well as his role in research and recognised the contribution he has made to the Academy and to the field of eating disorders. The QuEDS leadership and team now look forward to many further research developments and clinical collaborations throughout 2018 and beyond.

Systems Neuroscience/ Program of Mental Health Disorders, QIMR Berghofer

Led by Professor Michael Breakspear, Consultant Psychiatrist at the RBWH, the The Program of Mental Health Disorders (PMHD) at the QIMR Berghofer Medical Research Institute works closely with, and is co-funded by Metro North Mental Health Service. Researchers within PMHD come from 7 research teams that work across the breadth of biomedical research – genetics, epidemiology, neuroscience, molecular biology and computational biology – to understand the causes, mechanisms and nature of the serious mental health illnesses across the life time. Selected highlights from 2018 are outlined below:

1. Molecular mechanisms underlying human epilepsy.

Despite their abundance, the molecular functions of long non-coding RNAs in mammalian nervous systems remain poorly understood. This study shows that the long non-coding RNA, NEAT1, directly modulates neuronal excitability and is associated with pathological seizure states. These results indicate a role for NEAT1 in modulating human neuronal activity and suggest a novel mechanistic link between an activity-dependent long non-coding RNA and epilepsy. Reference: Barry G, et al. (2017) The long non-coding RNA NEAT1 modulates neuronal excitability. *Scientific Reports* 7:40127

2. The independent influences of age and education on functional brain networks and cognition in healthy older adults.

Healthy aging is accompanied by a constellation of changes in cognitive processes and alterations in functional brain networks. The relationship between brain networks and cognition during aging in later life are moderated by demographic and environmental factors, such as prior education, in a poorly understood manner. Our findings suggest that circuits supporting simple cognitive processes are most sensitive to the influence of age in healthy older adults. Education, and to a lesser extent, executive functions, load independently onto functional networks - suggesting that the moderating effect of education acts upon networks distinct from those vulnerable with ageing. Reference: Perry, A., ..., Breakspear, M. (2017). The independent influences of age and education on functional brain networks and cognition in healthy older adults. *Human brain mapping*, 38: 5094-5114.

3. Statistical limits to inferring genetics of common disorders in multi-ethnic populations.

Population divergence impacts the degree of population stratification in Genome Wide Association Studies. We aimed to: (i) investigate type-I error rate as a function of population divergence (FST) in multi-ethnic (admixed) populations; (ii) evaluate the statistical power and effect size estimates; and (iii) investigate the impact of population stratification on the results of gene-based analyses. We showed that type-I and type-II error rate were adequately controlled in a population that included two distinct ethnic populations but not in admixed samples. Reference: Derks EM, et al (2017) The Relation Between Inflation in Type-I and Type-II Error Rate and Population Divergence in Genome-Wide Association Analysis of Multi-Ethnic Populations. *Behav Genet.* 47:360-8.

4. Molecular mechanisms of protection against cerebral ischemia through modulation of the inflammatory milieu

The neuroprotective copper bis(thiosemicarbazone) complex, Cull(atm) is currently in clinical trials for motor neuron and Parkinson's diseases. We therefore assessed whether Cull(atm) is also beneficial in acute brain injury, in preclinical mouse models of ischemic stroke. Cull(atm) was protective in permanent and transient ischemia models in mice as measured by functional outcome and lesion size. The complex modulated the inflammatory response, leading to protection of endogenous microglia against ischemic insult and a reduction in the proportion of invading monocytes. These results demonstrate that Cull(atm) is an inflammation-modulating compound with high therapeutic potential in stroke and acute brain injury. Reference: Huuskonen, M. T, et al (2017) The copper bis(thiosemicarbazone) complex Cull(atm) is protective against cerebral ischemia through modulation of the inflammatory milieu. *Neurotherapeutics* 14, 519-532.

5. A direct test of the diathesis-stress model for depression

The diathesis-stress model for depression is the dominant theory for the explanation of the origins of the disease since the 1980s. This model states that stress may activate a diathesis or vulnerability, transforming the potential of predisposition into an actuality of psychopathology. Novel techniques in genetic analyses (polygenic risk scores) provide a quantitative measure of the cumulative genetic risk or vulnerability for a trait. This provides an opportunity to empirically investigate aetiology and nosology in mental health. Using a large Australian sample, this study showed for the first time a significant interaction of the PRS for depression (diathesis) with stressful personal life events contributing positively to the risk of depression. This synergism yields an effect beyond the combined separate effects of these factors on risk of depressive symptomatology. Reference: L. Colodro-Conde*, ..., Medland, N.G. Martin, (2017). A direct test of the diathesis-stress model for depression, *Mol Psychiatry* doi: 10.1038/mp.2017.130.

6. Validating measures of brain activity during film viewing in health and mental illness.

Functional connectivity analysis has become a powerful tool for probing the human brain function and its breakdown in neuropsychiatry disorders. However, the test-retest reliability of resting-state connectivity measures is moderate, hindering its potential for clinical applications. This study showed that naturalistic neuroimaging paradigms based on passive movie viewing significantly increases the test-retest reliability of functional connectivity measures over resting-state conditions, with an average of almost 50%. Our results support the use of natural viewing paradigms in estimating functional connectivity of brain networks, and have important implications for clinical application of fMRI. Reference: Wang, J., Guo, C. C. (2017), Test-retest reliability of functional connectivity networks during naturalistic fMRI paradigms. *Hum. Brain Mapp.*, 38: 2226-2241.

MNMH Nursing

The introduction of the Safewards program was a Knowledge Translation research project that became a positive group activity for mental health nursing and consumers at RBWH. Safewards is an evidence based nursing model underpinned by the theoretical approach to Therapeutic Alliance. Outcomes from local research has shown a significant increase in Therapeutic Optimism ($p < 0.001$) which is a key feature of Recovery based nursing care. Safewards was designed in the UK to provide a means to positively engage with consumers of mental health services. Its implementation has since been endorsed by the Mental Health Nursing Leadership Team and put into routine practice in each of the in-patient units at RBWH.

Early Psychosis and Youth Mental Health

Research under the early psychosis and youth mental health theme ranges from cutting edge studies of the causes of psychosis, through clinical trials to large scale investigations of population health. Led by A/Prof James Scott a growing team of clinicians, students and collaborators combine their efforts and complementary expertise to improve the physical, emotional and physical health outcomes of young people affected by mental illness and promote mental health. Studies are concerned with early identification, accurate diagnosis and effective treatment of mental illness and promotion of mental health generally and for groups identified as 'at risk'. The team is a member of a national consortium compiling comprehensive coherent data about young people presenting with first episode psychosis.

Older Persons Mental Health service (OPMHS)

Led by Professor Gerard Byrne, The OPMHS has strong links with the University of Queensland Academic Discipline of Psychiatry and is actively engaged in teaching students of several disciplines (medical, nursing, psychology, occupational therapy, social work). OPMHS personnel are involved in clinical and health services research relevant to mental disorders affecting older people. The program of work encompasses psychotic and mood disorders, particularly anxiety and depression and depression. Work spearheaded by Professor Byrne, including development of an instrument for assessing anxiety in older people is used internationally. OPMHS researchers collaborate widely, with researchers from world leading universities and academics and clinicians from various disciplines within and beyond the RBWH, as well as with several laboratory-based neuroscientists.

As reflected in publications 2017 was a productive and rewarding year for OPMHS researchers, with team members leading the way in development and testing of measures and treatments for anxiety and depression among people diagnosed with Parkinson's.

Queensland Forensic Mental Health Service

Queensland Health is the major provider of mental health services to people with a mental illness who are involved with, or at risk of entering, the criminal justice system. The Queensland Forensic Mental Health Service (QFMHS) is managed across the State from major groupings based in Brisbane (Metro North and West Moreton) and smaller hubs along the Queensland coast. The integrated services consist of Secure Inpatient Services, Prison Mental Health Services, Court Liaison Services, Community Forensic Outreach Services and Mental Health and Policing Programmes. The State-wide component of the service is led by the Director and Operations Manager, Queensland Forensic Mental Health Service (based in the Metro North HHS), with the support of the Service Managers, Clinical Directors, a Research and Evaluation Manager, and five State-wide positions coordinating Court Liaison Services, Prison Mental Health Services, District Forensic Liaison Network, Indigenous Forensic Mental Health, and the State-wide Community Risk Management program.

In 2017, research operations at QFMHS rapidly expanded with the appointment of two fixed term project managers for the research informed implementation focused project Partners in Prevention: Understanding and Enhancing First Responses to Suicide Crisis Situations. In addition, two research scientists were appointed to the Queensland Forensic Mental Health Group, a new research group at Queensland Centre for Mental Health Research (located in West Moreton HHS). These positions are co-located within QFMHS at Biala. The QFMHS-QCMHR collaboration has been further strengthened through the creation of several affiliates Principal Researcher positions for QFMHS staff. Research in 2017 has focussed on:

- The interfaces between police, ambulance and mental health services
- Understanding and enhancing first responses to suicide crisis situations
- National benchmarking of Forensic Mental Health Services
- Retrospective chart audit of fitness for trial and fitness for interview of people found to be of unsound mind
- The use of interactive technology in custodial settings for the delivery of culturally appropriate social and emotional wellbeing programs to Indigenous Queenslanders
- Enhancing partnerships with other government departments and the tertiary education sector to improve mental health outcomes.

QFMHS research informs service design and delivery and, ultimately, improves the experience of forensic consumers and other stakeholders. The service prioritises the sharing of research findings with stakeholders and the wider community through high impact publications, seminars and presentations.

SUPERVISED POST-GRADUATE RESEARCH STUDENTS

NAME (RBWH STAFF IN BOLD)	CURRENT STUDIES (E.G. PHD, MASTERS ETC.) UNIVERSITY (DURATION)	RESEARCH PROJECT TITLE	SUPERVISORS (RBWH STAFF IN BOLD)
Philip Mosley	PhD, The University of Queensland (2015 – 2020)	Impulsivity and caregiver burden after deep brain stimulation for Parkinson's disease	Michael Breakspear
Bjorn Burgher	PhD, The University of Queensland (2016 – 2020)	Neuroinflammation and neurodegeneration in early psychosis: relationship to cognitive development in adolescence and early adulthood	Michael Breakspear, James Scott & Gerard Byrne
Megan Campbell	PhD, The University of Queensland (2015 – 2017)	Dynamic networks for neural resonance: Task-dependent modulation of the human mirror system for action	Michael Breakspear
Jonathon Robinson	PhD, Queensland University of Technology (2015 – 2018)	Electroencephalographic responses to expectancy violation in object displays: Intuitive physics predictions	Michael Breakspear
Saurabh Sonkusare	PHD The University of Queensland	Interoception in depression	Michael Breakspear
Penelope Kale	BSC, (Hons), The University of Queensland (2016 – 2017)	Estimating the importance of directionality for the brain: A comparative connectomics approach	Michael Breakspear
Luke Hearn	PhD, The University of Queensland (2016 – 2017)	Brain networks and higher cognition	Michael Breakspear
Rhiannon Jeans	PhD, The University of Queensland (2016 – 2018)	Measures of whole-brain coherence during sleep and general anaesthesia in <i>Drosophila</i>	Michael Breakspear

NAME (RBWH STAFF IN BOLD)	CURRENT STUDIES (E.G. PHD, MASTERS ETC.) UNIVERSITY (DURATION)	RESEARCH PROJECT TITLE	SUPERVISORS (RBWH STAFF IN BOLD)
Matthew Novic	BSC, (Hons), The University of Queensland (2017 – 2017)	Eye movements and brain activity in natural vision	Michael Breakspear
Peter Carr	PhD, Griffith University (2013-2017)	Risk Factors for peripheral intravenous cannula insertion failure in the Emergency Department	Claire Rickard, Marie Cookevase Niall Higgins , James Rippey
Jordan Laurie	PHD Queensland University of Technology	Non-contact vital signs assessment using robotic vision	Jonathan Roberts; Thierry Peynot, Oran Rigby, Niall Higgins
Hannah Thomas	PhD, The University of Queensland -Completed 2 June 2017	Bullying and cyberbullying among Australian adolescents: Definition, prevalence, clinical correlates, and dimensional measurement (Principal Advisor)	James Scott
Rebecca Armstrong	PhD, The University of Queensland -Completed 2 June 2017	Language disorder from infancy to adulthood: Predictors and outcomes	James Scott
Fiona Davidson	PhD, The University of Queensland (confirmed)	Australian Mental Health Court Liaison Services, variation and common ground: performance measurement and evaluation.	Philip Burgess, Ed Heffernan , David Greenberg, Tony Butler
Melanie Mitchell	PhD, Queensland University of Technology	Precursors to violence in people with mental illness who threaten violence.	Gavin Palk, David Kavanagh
Elke Perdacher	PhD, Queensland University of Technology (confirmed)	Stay Strong custody project	David Kavanagh, Jeanie Sheffield
Annette Vasey	Master of Clinical Psychology		
Bobbie Clugston	PhD, The University of Queensland (pre-confirmation)	Mental health support of police negotiators program	Ed Heffernan , Philip Burgess, Meredith Harris
Rhonda Waterworth	Juris Doctor (Law)		
Carrick Anderson	Master of Forensic Mental Health UNSW		
Jessica Brownhalls	PhD, Griffith University (confirmed)	Cross-gender contact as a predictor of intimate partner obsessive relational intrusions	Jennifer Wells
Tim Lowry	PhD, The University of Queensland (pre-confirmation)	To be determined	Gerard Byrne
Elnike Brand	PhD, The University of Queensland (pre confirmation)	Comprehending the sexual health and sexuality in men with chronic mental illness: An epidemiological study	Ed Heffernan , Angela Rasch
Lucianne Palmquist	PHD Griffith University (2014-2018)	A grounded theory explanation of adolescent “Recovery”: CYMHS consumer perspectives	Analise O’Donovan, Sue Patterson , Graham Bradley
Annaketurah Ralph	PHD The University of Queensland	Pathway from adverse childhood experiences (ACE) to problematic substance use (PSU) in young adults, specifically looking at the role of emotional dysregulation and rash impulsivity.	Matthew Gullo, Paul Harnett & Jason Connor

NAME (RBWH STAFF IN BOLD)	CURRENT STUDIES (E.G. PHD, MASTERS ETC.) UNIVERSITY (DURATION)	RESEARCH PROJECT TITLE	SUPERVISORS (RBWH STAFF IN BOLD)
Rachael Brimelow	PHD The University of Queensland	Management of affective and anxiety disorders in aged-care: identification, diagnosis and the impact on wellbeing through an e-health initiative for personal carers.	Nadeeka Dissanayaka, Gerard Byrne & Judy Wollin
Emily Hielscher	PHD The University of Queensland	Non-accidental self-injury and suicidality in adolescents and young adults with psychotic experiences	James Scott
Alex Ryan	PhD Pre-confirmation	The aetiopathogenic role of autoantibodies against the M1 muscarinic acetylcholine receptor in patients with first episode of schizophrenia	James Scott , Judith Greer
Berihun Dachew	PhD The University of Queensland	Hypertension Disorders of Pregnancy and Offspring Mental and Behavioural Disorders	Rosa Alati, Abdullah Mamun, James Scott
Shuichi Suetani	PhD The University of Queensland	Physical Activity and Mental Disorders: Epidemiological Analyses using Australian datasets	John McGrath, James Scott
Amarzaya Jadambaa	PhD Queensland University of Technology	Cost of bullying in Australia	Rosana Pacella, Hannah Thomas, Nick Graves
Ashlea White	Psychiatry Scholarly Project	Association of chronic physical illness and mental disorder in children and adolescents	Hannah Thomas, James Scott
Elke Perdacher	PhD, Queensland University of Technology Master of Clinical Psychology, The University of Queensland	Stay Strong custody project	David Kavanagh, Jeanie Sheffield
Charana Perera	Psychiatry Scholarly Project	Therapeutic monitoring of Lithium in routine psychiatric care	George Bruxner, Sue Patterson
Carmel Fleming	PhD. School of Nursing, Midwifery and Social Work. University of Queensland (2017-2020)	Family Inclusive Treatment in Eating Disorders: A stepped care approach to working with families of adults affected by eating disorders	Robyne LeBrocq; Karen Healy
Rebecca Olling	Masters. School of Medicine, University of Queensland (2015-2017)	Independent Mental Health Research Project	Matthew Bambling
Madeleine Gardener	Master of Epidemiology	Child Maltreatment	Hannah Thomas, Holly Erskine, James Scott

2017 RESEARCH POSITIONS: COORDINATORS, FELLOW, ADJUNCT AND HONORARY POSITIONS

NAME	TYPE OF FELLOWSHIP	RESEARCH PROJECT	UNIVERSITY (YEARS)
Michael Breakspear	Co-ordinator	Program Mental Health Research	QIMR Berghofer Medical Research Institute (2009 – current)
Michael Breakspear	Adjunct Professor	School of Biomedical Sciences	Queensland University of Technology (2017 - 2020)
Michael Breakspear	Adjunct Professor	School of Psychiatry	University of Queensland (2011 - current)

NAME	TYPE OF FELLOWSHIP	RESEARCH PROJECT	UNIVERSITY (YEARS)
Michael Breakspear	NHMRC Principal Research Fellow		QIMR Berghofer Medical Research Institute (2017 – 2020)
Lisa Fawcett	Clinical Associate Professor	School of Nursing	ACU (2014-current)
Nathan Dart	Clinical Academic Fellow	School of Nursing	ACU (2014-current)
Niall Higgins	Conjoint Senior Research Fellow	School of Nursing	QUT (2015-current)
Elke Perdacher	Lecturer	School of Criminology and Criminal Justice	Griffith University
Edward Heffernan	Associate Professor Stream Head	School of Medicine Forensic Mental Health Group	The University of Queensland Queensland Centre for Mental Health Research
Jane Phillips	Senior Lecturer	School of Medicine	The University of Queensland
Carrick Anderson	Senior Lecturer	School of Medicine	The University of Queensland
Carla Meurk	Honorary Senior Fellow Principal Researcher	School of Public Health Forensic Mental Health Group	The University of Queensland Queensland Centre for Mental Health Research
Zara Samaraweera	Associate Lecturer-Registrar	School of Medicine	The University of Queensland
William Brennan	Program Lead	Master of Mental Health Nursing, Faculty of Health and Behavioural Sciences	The University of Queensland
Anna Jenkins	Senior Lecturer	School of Medicine	The University of Queensland
Bruce Hamilton	Guest Lecturer	Forensic Psychology	ACU (Australian Catholic University)
Elissa Waterson	Principal Researcher	Forensic Mental Health Group	Queensland Centre for Mental Health Research
Laura Ferris	Principal Researcher	Forensic Mental Health Group	Queensland Centre for Mental Health Research
Sue Patterson	Principal Research Fellow- Mental Health/Associate Professor	Implementation of evidence based practices in mental health services	Griffith University The University of Queensland
Dylan Flaws	Associate Lecturer	School of Medicine	The University of Queensland
Dylan Flaws	Junior Doctor Research Fellow	Development and validation of clinical tools to predict Delirium	State of Queensland, HIIRO
Brett Emmerson	Associate Professor	School of Medicine	The University of Queensland
Warren Ward	Associate Professor	Treatment and outcomes of people with eating disorders	School of Medicine, The University of Queensland
Vikas Moudgil	Senior Lecturer	School of Medicine	The University of Queensland
Bjorn Burgher	Mental Health Research Fellow	The Queensland Alliance for Mental Health Research	The University of Queensland
Leonardo Gollo	NHMRC (ECF level) Dementia Fellowship	From brain maps to mechanisms: Modelling the pathophysiology of dementia	NHMRC/QIMR Berghofer

NAME	TYPE OF FELLOWSHIP	RESEARCH PROJECT	UNIVERSITY (YEARS)
James Scott	Practitioner Fellowship	Prevention and Management of Youth Mental Illness	NHMRC
Hollie Wilson	Visiting fellowship		School of Psychology & Counselling at QUT.

2017 CURRENT RBWH RESEARCH GROUP / DEPARTMENT LED RESEARCH ACTIVITY

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
Brett Emmerson, Lisa Fawcett, Niall Higgins	Niall Higgins (RBWH) Fiona Coyer (QUT) Jonathan Roberts (QUT) Brett Emmerson (RBWH) Lisa Fawcett (RBWH)	Remote patient monitoring via non-invasive digital technology: a preliminary evaluation of a system for respiratory observations
Lisa Fawcett, Nathan Dart, Niall Higgins	Niall Higgins (RBWH) Nathan Dart (RBWH) Thomas Meehan (West Moreton HHS) Theresa Green (QUT) Michael Kilshaw (TPCH) Debra Anderson (Griffith University)	Implementation of Safewards and Brøset to Secure Mental Health Rehabilitation Units
Niall Higgins	Claire Rickard (Griffith University) Robert Ware (UQ) Marcus Watson (RBWH) Niall Higgins (RBWH)	Near infrared venous analysis: A trial of vessel finders versus standard technique for peripheral placement of intravenous catheters
Niall Higgins	Jordan Laurie (QUT) Jonathan Roberts (QUT) Thierry Peynot (QUT) Oran Rigby (QUT) Niall Higgins (RBWH)	Non-contact vital signs assessment using robotic vision
Sue Patterson & Brett Emmerson	Nicole Brigg , Archana Pradhan(UQ) Pauline Ford (UQ) et al	Let's Get Physical: An investigation of the current practice and expectations of specialist mental health, and drug and alcohol services in relation to monitoring and managing the physical and oral health of people using their services.
Sue Patterson, Jordan Duncan, Kylie Garrick	Analise O'Donovan (Griffith), Stephanie Donovan , Carmel Barry (MNMH), Richard Ollie (Griffith)	Promoting sustainable engagement: a mixed methods study of the work-lives, engagement and health of clinical staff working in mental health care environments.
Sue Patterson & Brett Emmerson	Niall Higgins, Lisa Fawcett, Wilsen Drew et al.,	Implementation of the Queensland Health Smoking Cessation Clinical Pathway: A mixed methods evaluation of process and outcomes within Metro North Mental Health Services
Ed Heffernan	Bobbie Clugston (MHAODB)	Involuntary Treatment Order National Benchmarking
Ed Heffernan, Fiona Davidson, Carla Meurk, Dimity Stephen	Stuart Kinner (Griffith University), Kimina Andersen	Family Business – Improving and understanding the treatment of PTSD among incarcerated Aboriginal and Torres Strait Islander Women.

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
Ed Heffernan, Bob Green, Jane Phillips, Zara Samaraweera	Bobbie Clugston, Carolina Ceron (High Secure Inpatient Service), Adam Griffin (Forensic Medical Service), C Gardner (QPS)	Fitness for interview and fitness for trial – a retrospective chart audit of people found to be unsound of mind.
Melanie Mitchell	Gavin Palk, David Kavanagh (QUT)	Mentally ill threateners: A review of mentally ill threateners; the characteristics of the threatener, the nature and context of the threat and the response of mental health staff to threats.
Elke Perdacher, Ed Heffernan, Penny Dale	David Kavanaugh (UQ), Jeanie Sheffield (UQ)	Stay Strong Plan – an evaluation of android Stay Strong Plan app with Aboriginal and Torres Strait Islander women in custody.
Fiona Davidson, Jane Phillips, Ed Heffernan	Tony Butler (UNSW), David Greenberg (UNSW), Peter Conroy (QPS), Philip Burgess (UQ)	Queensland Court Liaison Service – Pathways of Mental Health Service - A cohort study to explore the pathways of public mental health service care for people that received an assessment by SEQ CLS in 2015.
Fiona Davidson, Jane Phillips, Ed Heffernan	Tony Butler (UNSW), David Greenberg (UNSW), Philip Burgess (UQ)	The National Court Liaison Services Benchmarking Project.
Ed Heffernan, Michelle Perrin, Fiona Davidson	Stuart Kinner (Griffith University), Bobbie Clugston	The National Prison Mental Health Benchmarking Project.
Fiona Davidson, Ed Heffernan	Tony Butler (UNSW), David Greenberg (UNSW), Philip Burgess (UQ)	The first National Court Liaison and Court Diversion Survey
Fiona Davidson, Ed Heffernan, Velimir Kovacevic, Bruce Hamilton, Elissa Waterson	Tony Butler (UNSW), David Greenberg (UNSW), Philip Burgess (UQ), Marshall Watson (SA Health), Carolyn Dixon (J&FMHN NSW), Adam Brett (WA), Maraea Handley (NT FMHS), Marita O'Connell (Tas Courts MH Program), Narain Nambiar (SA FMHS), Owen Samuels (ACT FMHS), Patrick Seal (Forensicare)	National Court Liaison Service Key Performance Indicators – The establishment of a nationally agreed approach to performance measurement for Australian Court Liaison Services.
Tim Lowry, Bruce Hamilton, Annette Vasey	Bruce Watt (Bond University)	High risk psychotic phenomena – delusions involving themes of sexual assault
Ed Heffernan, Elissa Waterson, Darren Neillie, Penny Dale, Yasmin Muller, Carla Meurk, Laura Ferris	Collaborating organisations: Queensland Health, Queensland Police Service, Queensland Ambulance Service, Queensland Mental Health Commission, Roses in the Ocean, Brisbane North Primary Health Network, Queensland Alliance for Mental health	Partners in Prevention: Understanding and Enhancing First Responses to Suicide Crisis Situations.
Darryn Neillie, Tim Lowry, Bob Green, Jennifer Wells, Fiona Davidson		Outcomes of Community Forensic Outreach Service (CFOS)
Carrick Anderson, Dimity Stephen		Frequent callers to emergency services

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
Michele Perrin, Fiona Davidson		State wide Prison Mental Health Audit
Tim Lowry, Darryn Neillie, Fiona Davidson		CFOS reports: Referrer feedback survey
Tim Lowry, Darryn Neillie, Fiona Davidson		CFOS consumer snapshot
Ed Heffernan, Tim Lowry, Jane Phillips, Elissa Waterson	Bobbie Clugston (MHAODB)	Mental Health Support of Police Negotiators Program
Ed Heffernan, Elissa Waterson, Dimity Stephens	Bobbie Clugston (MHAODB)	Pathways for individuals with a mental illness who are the subject of police negotiator events
Penny Dale, Yasmin Muller, Ed Heffernan, Elissa Waterson, Dimity Stephens		Indigenous Mental Health Intervention Project (IMHIP) evaluation
Bob Green, Darren Neillie, Fiona Davidson		Treatment pathways of persons found not criminally responsible due to mental disorder
Chris Randall, Sue Patterson, Warren Ward	Jeanie Sheffield. The University of Queensland	Clinical outcomes and experience of a three-month intensive outpatient program for people with Eating Disorders: A mixed methods study to inform systematic quality improvement.
Queensland Eating Disorders Service Carmel Fleming	School of Nursing, Midwifery and Social Work. The University of Queensland	Family Inclusive Treatment in Eating Disorders: A stepped care approach to working with families of adults affected by eating disorders

2017 COLLABORATIVE RESEARCH ACTIVITY INVOLVING RBWH RESEARCH GROUP / DEPARTMENT

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Gail Robinson (TPCH), Andrew Burke (TPCH), Deanne Curtin (TPCH)	Niall Higgins	OSA prevalence in SMI Screening for sleep disordered breathing in an in-patient mental health population

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Julia Crilly, Stuart Kinner, Gerry Fitzgerald, Marianne Wallis	Ed Heffernan	Improving the outcomes for people with acute mental illness in emergency departments
Justin Chapman (QIMR)	Michael Breakspear, Sue Patterson	Trialling the feasibility and acceptability of physical activity self-monitoring and supervised exercise interventions for adults with severe mental illness'
Queensland Brain Institute and Asia-Pacific Centre for Neuromodulation	Queensland Eating Disorders Service Warren Ward	Study into Deep Brain Stimulation for Treatment-resistant Anorexia Nervosa
University of Sydney NHMRC	Queensland Eating Disorders Service Warren Ward	NHMRC-funded trial of intranasal oxytocin for Anorexia Nervosa
University of South Australia Lee Martinez	Sue Patterson	Hearing Voices that are Distressing Simulation – Impact on Rural Students and Workforce

2017 RESEARCH AWARDS AND ACHIEVEMENTS

RECIPIENT	AWARD	EVENT
Michael Breakspear	Senior Research Award	Royal Australian and New Zealand College of Psychiatry
Warren Ward	Award for Distinguished Achievement in the Field of Eating Disorders	Australia & New Zealand Academy for Eating Disorders
QFMHS	2017 Australian Crime and Violence Prevention Awards. Gold award	Queensland Fixated Threat Assessment Centre (QFAC) – Project Solus

2017 RESEARCH GRANTS - AWARDED

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Luca Cocchi, Andrew Zalesky A, P Fitzgerald, Michael Breakspear.		Personalised brain simulation for treatment of Obsessive-Compulsive Disorder	National Health & Medical Research Council Project Grant	\$666,128.00	\$666,128.00 (2018-2021)
Michael Breakspear & Christine Guo, CC		Commercialise multi-modal imaging and stimulation	Department of Science, Information Technology and Innovation		\$500,000.00 (2018 – 2020)
Michael Breakspear		Brain Connectomics in Psychiatry	NHMRC Principal Research Fellowship	\$763,845	2017 – 2021

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Michael Breakspear , Nicholas Martin, Gerard Byrne et al.,		Prospective Imaging Study of Ageing: Genes, Brain and Behaviour (PISA).	NHMRC Grant	\$6,465,047	2016-2020
James Anderson, Niall Higgins		Prevalence of obstructive sleep apnoea in heavily sedated inpatients with schizophrenia and schizoaffective	TPCH Foundation Grant	\$10,000	2017
Chris Randall, Sue Patterson , Jeanie Sheffield & Warren Ward		Clinical outcomes and experience of a three-month intensive outpatient program for people with Eating Disorders: A mixed methods study to inform systematic quality improvement.	RBWH and RBWH Foundation	\$27,110	\$27,110 2017
Justin Chapman, Suichi Suetani, Dan Siskand, Geoff Lau, Steve Kisely, Sue Patterson & S Bartlett		Physical activity behaviour change interventions for adults with mental illness.	Metro South Health	\$75000	2018-19
Dylan Flaws, Sue Patterson , Dan Siskand, Vikas Moudgil		A pilot randomised cross-over placebo control trial of Metformin for reducing weight gain and metabolic syndrome among people initiated on clozapine	RBWH and RBWH Foundation	\$39,997.60	2017-2018
Michael Breakspear, Sue Patterson , Justin Chapman		Trialling the feasibility and acceptability of physical activity self-monitoring and supervised exercise interventions for adults with severe mental illness'	RBWH and RBWH Foundation	\$39,771	2017
M Meinzer, A Martin.; Michael Breakspear M. Luca Cocchi , J Haeisen, A Hunold		How does electrical stimulation affect brain networks	ARC Discovery Project	\$503,366.00	\$503,366.00 (2017 – 2020)
Niall Higgins, Fiona Coyer , Jonathan Roberts, Brett Emmerson, Lisa Fawcett		Remote patient monitoring via non-invasive digital technology: a preliminary evaluation of a system for respiratory observations	RBWH Foundation Grant	\$40,000	

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
James Roberts, Michael Breakspear , Samps Vanhatalo, Paul Colditz.		Novel methods for early bedside detection and prognosis of preterm brain injury	National Health & Medical Research Council Project Grant	\$630,880.20	\$630,880.20 (2018-2020)
James Roberts, Leonardo Gollo, Michael Breakspear .		Beyond the connectome: Modelling large-scale brain dynamics	National Health & Medical Research Council Project Grant	\$419,847.00	\$419,847.00 (2018 – 2020)
Sarris J, Ng C, Byrne G , Castle D, Canfield PJ.		N-Acetyl Cysteine in the adjunctive treatment of obsessive compulsive disorder: A 16-week, double-blind, randomised, placebo-controlled study	NHMRC Grant	\$850,448	
L Stafford, L Newman, B Mann, Jane Turner et al.,		EPIC. Enhancing parenting in cancer: Development and evaluation of a brief psychoeducational intervention to support parents with cancer who have young children	Victorian Cancer Agency	\$200,000	2016-2017
Fiona Davidson	Queensland Forensic Mental Health Service	A comparison of Court based approaches to mental disorder in Australia	NHMRC, The Australian Centre for Research Excellence in Offender Health	\$32,000	\$96,000 (2014-2017)
Ed Heffernan, Elissa Waterson, Fiona Davidson, Bobbie Clugston, Darren Neillie, John Tracey , Rebecca Soole, Dee Taylor-Dutton, Emma Bosley, Lesley Van Schoubroeck, Carmel Ybarlucea	Queensland Forensic Mental Health Service	Partners in Prevention: Understanding and Enhancing First Responses to Suicide Crisis Situations	Suicide Prevention Health Taskforce	\$324,680.00*	\$556,850.00 (2016-2019)
Julia Crilly, Stuart Kinner, Gerry Fitzgerald, Ed Heffernan , Marianne Wallis	Queensland Forensic Mental Health Service	Improving Outcomes for people with acute mental illness in the emergency department: a data linkage study	NHMRC Project Grant	\$251,470.00	\$251,470.00 (2017-2020)

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Carmel Fleming	Queensland Eating Disorders Service	Family Inclusive Treatment in Eating Disorders: A stepped care approach to working with families of adults affected by eating disorders	Research Postgraduate Scholarship top up Queensland Health Metro North Hospital and Health Services Royal Brisbane & Women's Hospital.	\$8,000	\$24,000 (2017-2019)
Carmel Fleming	Queensland Eating Disorders Service	Family Inclusive Treatment in Eating Disorders: A stepped care approach to working with families of adults affected by eating disorders	Research Training Program (RTP) Scholarship. Department of Education and Training Australian Government and University of Queensland. Tuition fee offset	\$32,000	\$96,000 - \$120,000 (2017-2020)
Carmel Fleming	Queensland Eating Disorders Service	Family Inclusive Treatment in Eating Disorders: A stepped care approach to working with families of adults affected by eating disorders	Research Training Program (RTP) Scholarship. Department of Education and Training Australian Government and University of Queensland. Living Allowance Stipend	\$26,682	\$80,046- \$106,728 (2017-2020)

2017 RESEARCH PUBLICATIONS

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Abajobir AA, Kisely S, Scott JG , Williams G, Clavarino A, Strathearn L & Najman JM. Childhood maltreatment and young adulthood hallucinations, delusional experiences and psychosis: a longitudinal study. Schizophrenia Bulletin, (2017) 43(5), 1045-1055. doi: 10.1093/schbul/sbw175
Journal Article	Alghowinem S, Goecke R, Wagner M, Epps J, Hyett M, Parker G, Breakspear M . Multimodal Depression Detection: Fusion Analysis of Paralinguistic, Head Pose and Eye Gaze Behaviors. IEEE Transactions on Affective Computing, (2017) doi: 10.1109/TAFFC.2016.2634527
Journal Article	Al-Kaysi AM, Al-Ani A, Loo CK, Powell TY, Martin DM, Breakspear M , Boonstra TW. Predicting tDCS treatment outcomes of patients with major depressive disorder using automated EEG classification. J Affect Disorders, (2017) 208,597-603.

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Armstrong R, Scott JG , Whitehouse AJO, Copland D A, McMahon KL . & Arnott W. Late talkers and later language outcomes: Predicting the different language trajectories. <i>International Journal of Speech Language Pathology</i> , (2017) 1-14. doi:10.1080/17549507.2017.1296191
Journal Article	Armstrong R, Whitehouse AJO, Scott JG , Copland DA, McMahon KL , Fleming S & Arnott W. A relationship between early language skills and adult autistic-like traits: evidence from a longitudinal population-based study. <i>Journal of Autism and Developmental Disorders</i> , (2017), 1-12. doi:10.1007/s10803-016-3014-z
Journal Article	Avery N & Patterson S . Physical health in public mental health care: A qualitative study employing the COM-B model of behaviour to describe views and practices of Australian psychologists. <i>Australian Psychologist</i> , (2017) doi:10.1111/ap.12302.
Journal Article	Barron L, Barron R, Johnson J , Wagner W, Ward C, Ward S, Barron F, Ward W . A retrospective analysis of biochemical and haematological parameters in patients with eating disorders. <i>Journal of Eating Disorders</i> , (2017), 5-32.
Journal Article	Bhagwat S & Bruxner G . "Not quite out of the woods" - potential for misdiagnosis of delayed neurological syndrome of carbon monoxide poisoning as relapse of mental illness. <i>Australasian Psychiatry</i> , (2017) 25(5):494-496. doi: 10.1177/1039856217726695.
Journal Article	Bhatia S, Hayat M, Breakspear M , Parker G & Goecke R. A video-based facial behaviour analysis approach to melancholia. In <i>Automatic Face & Gesture Recognition (FG 2017)</i> , (2017) 12th IEEE International Conference on (754-761). IEEE.
Journal Article	Bidding C, Thurairajasingam S, Ramadas A, Teo A, Ho M, Elangovan S & Karbassi Z. Psychological Well-being among medical students in their clinical years. <i>The Medical Journal of Malaysia</i> , (2017) (accepted for publication Aug 2017).
Journal Article	Borschmann R, Thomas E, Moran P, Carroll M, Heffernan E , Spittal M, Sutherland G, Alati R & Kinner S. Self-harm following release from prison: A prospective data linkage study. <i>Australian & New Zealand Journal of Psychiatry</i> , (2017) 5,250-259, doi:10.1177/0004867416640090
Journal Article	Borschmann R, Young JT, Moran P, Spittal MJ, Heffernan E , Mok K, et al. Ambulance attendances resulting from self-harm after release from prison: a prospective data linkage study. <i>Social Psychiatry and Psychiatric Epidemiology</i> , (2017) 52(10),1295-305.
Journal Article	Breakspear M Dynamic models of large-scale brain activity, <i>Nature Neuroscience</i> , (2017) 20(3) 340-352.
Journal Article	Byrne GJ . Is there anything to worry about? <i>Australasian Journal on Ageing</i> , (2017) 36, 96-97. doi: 10.1111/ajag.12346
Journal Article	Carr PJ, Higgins N , Rippey J, Cooke M, Rickard CM. 'Tools, Clinical Prediction Rules, and Algorithms for the insertion of peripheral intravenous catheters in adult hospitalized patients: A systematic scoping review of literature. <i>J Hosp Med</i> , (2017) Oct,12(10). doi: 10.12788/jhm.2836. Epub 2017 Sep 6.
Journal Article	Chapman JJ, Roberts JA, Nguyen VT, Breakspear M . Quantification of free-living activity patterns using accelerometry in adults with mental illness. <i>Sci Rep</i> , (2017) 7,43174.
Journal Article	Chellamuthu R, Elangovan E , Karthikeyan K et al. Training allied mental health professional to use Mini International Neuropsychiatric Interview for clinical screening. <i>International Invention journal of Medicine and Medical sciences</i> , (2017) 4(4) 34-40.
Journal Article	Cocchi L, Gollo LL, Zalesky A, Breakspear M . Criticality in the brain: A synthesis of neurobiology, models and cognition. <i>Prog Neurobiol</i> , doi:10.1016/j.pneurobio.2017.07.002.(2017)
Journal Article	Cumming P, Burgher B, Patkar O, Breakspear M , Vasdev N, Thomas P, et al. Sifting through the surfeit of neuroinflammation tracers. <i>J Cereb Blood Flow Metab</i> . 2017 Jan 1:271678X17748786. doi: 10.1177/0271678X17748786. [Epub ahead of print]
Journal Article	Davey CG, Breakspear M , Pujol J, Harrison BJ. A Brain Model of Disturbed Self-Appraisal in Depression. <i>Am J Psychiatry</i> , (2017)174(9),895-903
Journal Article	Davidson F, Heffernan E , Greenberg D, Waterworth R & Burgess P. Mental Health and Criminal Charges: Variation in Diversion Pathways in Australia, <i>Psychiatry, Psychology and Law</i> , (2017) 24(6) doi.org/10.1080/13218719.2017.1327305.

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Davidson F, Heffernan E , Greenberg D, Butler T, Burgess P. Key performance indicators for Australian mental health court liaison services. <i>Australasian Psychiatry</i> , (2017) 25(6), 609-13.
Journal Article	Dissanayaka NN, Pye D, Mitchell LK, Byrne GJ , O'Sullivan JD, Marsh R, Pachana NP. Cognitive behaviour therapy for anxiety in Parkinson's disease: Outcomes for patients and caregivers. <i>Clinical Gerontologist</i> , (2017) 40(3): 159-171 doi: 10.1080/07317115.2016.1240131.
Journal Article	Dissanayaka NN, Au TR, Angwin AJ, O'Sullivan JD, Byrne GJ , Silburn PA, Marsh R, Mellick GD, Copland DA. N400 and emotional word processing in Parkinson's disease. <i>Neuropsychology</i> , (2017) 31, 585-595. doi: 10.1037/neu0000333
Journal Article	Emmerson B , Praskova A, Fawcett L , Crompton D & Heffernan E. Mental health services planning for G20 summit in Brisbane and assessment of impact. <i>Australasian Psychiatry</i> ,(2017), 25(1) 60-65.
Journal Article	Erskine HE, Baxter A J, Patton G, Moffitt, TE, Patel V, Whiteford, HA, & Scott JG .The global coverage of prevalence data for mental disorders in children and adolescents. <i>Epidemiology and Psychiatric Sciences</i> , (2017) 26 4, 395-402. doi:10.1017/S2045796015001158.
Journal Article	Flanagan KJ, Copland DA, Chenery HJ, Byrne GJ , & Angwin AJ. Semantic feature disturbance in Alzheimer disease: Evidence from an object decision task. <i>Cognitive and Behavioural Neurology</i> , (2017) 30(4), 159-171. doi: 10.1097/WNN.0000000000000140.
Journal Article	Frankland A, Roberts G, Holmes-Preston E, Perich T, Levy F, Lenroot R, Hadzi-Pavlovic D, Breakspear M , Mitchell PB. Clinical predictors of conversion to bipolar disorder in a prospective longitudinal familial high-risk sample: focus on depressive features. <i>Psychol Medicine</i> , (2017). doi:10.1017/S0033291717003233:1-9.
Journal Article	Gordon A, Connell MT , Davis PJ, Pepping CA, Patterson S , Salter K, Scott JG . A randomised waitlist control community study of Social Cognition and Interaction Training (SCIT) for people with schizophrenia. <i>British Journal of Clinical Psychology</i> , (2017) Oct 9. doi: 10.1111/bjc.12161. [Epub ahead of print]
Journal Article	Gunasekara I, Patterson S & Scott JG . What makes an excellent mental health doctor?" A response integrating the experiences and views of service users with critical reflections of psychiatrists in Australia. <i>Health and Social Care in the Community</i> (2017) Nov 25(6),1752-1762. doi: 10.1111/hsc.12449.
Journal article	Heitmann S, Aburn MJ, Breakspear M . The Brain Dynamics Toolbox for Matlab. <i>bioRxiv</i> . 2017 doi: org/10.1101/219329.
Journal Article	Heitmann S, Breakspear M . Putting the" dynamic" back into dynamic functional connectivity. <i>Network Neuroscience</i> , (2017). doi: https://doi.org/10.1101/181313.
Journal Article	Hielscher E, De Vylder J, Saha S, Connell M, & Scott JG . Why are psychotic experiences associated with self-injurious thoughts and behaviours? A systematic review and critical appraisal of potential confounding and mediating factors. <i>Psychological Medicine</i> ,(2017) doi: 10.1017/S0033291717002677
Journal Article	James K, Quirk A, Patterson S , Brennan G & Stewart D. Quality of intervention delivery in a cluster randomised controlled trial: a qualitative observational study with lessons for implementation fidelity. <i>Trials</i> , (2017) 18:548 doi.org/10.1186/s13063-017-2189-8
Journal Article	Jeganathan J, Perry A, Bassett DS, Roberts G, Mitchell PB, Breakspear M . Fronto-limbic dysconnectivity leads to impaired brain network controllability in young people with bipolar disorder and those at high genetic risk. <i>bioRxiv</i> . (2017) doi:10.1101/222216
Journal Article	Johnston ANB, Weeks B, Shuker M, Coyne E, Higgins N , Mitchell M, Massey D. 'Nursing Students' perceptions Perceptions of the Objective Structured Clinical Assessment: An integrative review.' <i>Clinical Simulation in Nursing</i> , (2017) 13(3), 127-142. doi: 10.1016/j.ecns.2016.11.002
Journal Article	Kassbaum N, Hmwe Kyu H, Zoecker L, Erskine HE, Scott JG , & Vos T. Child and Adolescent Health From 1990 to 2015 Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2015 Study. <i>JAMA Pediatrics</i> , (2017) 171(6), 573-592. doi:10.1001/jamapediatrics.2017.0250
Journal Article	Kerkman JN, Daffertshofer A, Gollo LL, Breakspear M, Boonstra TW. Functional connectivity analysis of multiplex muscle network across frequencies. <i>Conf Proc IEEE Eng Med Biol Soc</i> , (2017), 1567-70.

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Journal Article	Kerkman JN, Daffertshofer A, Gollo L, Breakspear M , Boonstra TW. Network structure of the human musculoskeletal system shapes neural interactions on multiple timescales. <i>bioRxiv</i> :181818, (2017)
Journal Article	Kesby J, Eyles D, McGrath J & Scott JG . Dopamine, psychosis and schizophrenia: the widening gap between basic and clinical neuroscience. <i>Translational Psychiatry</i> , In Press Accepted 26/10/17
Journal Article	Khatun M, Mamun AA, Scott JG , William GM, Clavarino A, & Najman JM. Do children born to teenage parents have lower adult intelligence? A prospective birth cohort study. <i>PLoS One</i> , (2017), 12(3): e0167395. doi: 10.1371/journal.pone.0167395.
Journal Article	Kirk KM ... Ward W , Wade TD, Bulik CM, Martin NG. The Anorexia Nervosa Genetics Initiative: Study description and sample characteristics of the Australian and New Zealand arm. <i>Australian and New Zealand Journal of Psychiatry</i> , (2017) DOI: https://doi.org/10.1177/0004867417700731
Journal Article	Kinchin I, Doran CM, Hall WD, Meurk C . Understanding the true economic impact of self-harming behaviour. <i>The Lancet Psychiatry</i> , (2017), 4(12):900-1.
Journal Article	Lin H-Y, Cocchi L, Zalesky A, Lv J, Perry A, Tseng W-YI, Kundu P, Breakspear M , Gau SS, Brain-behavior patterns define a dimensional biotype in medication-naïve adults with attention-deficit hyperactivity disorder. <i>bioRxiv</i> . (2017) 190660
Journal Article	Lord AR, Li M, Demenescu LR, van den Meer J, Borchardt V, Krause AL, Heinze HJ, Breakspear M , Walter M. Richness in Functional Connectivity Depends on the Neuronal Integrity within the Posterior Cingulate Cortex. <i>Front Neuroscience</i> , (2017) 11,184.
Journal Article	Lv J, Nguyen VT, van der Meer J, Breakspear M , & Guo CC. N-way Decomposition: Towards Linking Concurrent EEG and fMRI Analysis During Natural Stimulus. In <i>International Conference on Medical Image Computing and Computer-Assisted Intervention</i> . (2017, September) (pp. 382-389). Springer, Cham.
Journal Article	Massey D, Burns J, Higgins N , Weeks B, Shuker M, Coyne E, Mitchell M, Johnston ANB. Enhancing OSCE preparedness with video exemplars in undergraduate nursing students. A mixed method study. <i>Nurse Education Today</i> , (2017) 54, 56-61. doi: 10.1016/j.nedt.2017.02.024
Journal Article	McKeon GL, Robinson GA, Ryan AE, Blum S, Gillis D, Finke C & Scott JG . Cognitive outcomes following anti-N-methyl-D-aspartate receptor encephalitis: A systematic review. <i>Journal of Clinical and Experimental Neuropsychology</i> , (2017) 1-19. doi:10.1080/13803395.2017.1329408
Journal Article	Mehta D, Bruenig D, Carrillo-Roa T, Lawford B et al. Genomewide DNA methylation analysis in combat veterans reveals a novel locus for PTSD <i>Acta Psychiatr Scand</i> (2017), 1-13 doi:10.1111/acps.12778
Journal Article	Meredith P, Yeates H, Taylor M , Slattery M, Charters M & Hill M. Preparing mental health professionals for new directions in mental health practice: Evaluating the sensory approaches e-learning training package. <i>International Journal of Mental Health Nursing</i> , (2017) DOI:10.1111/inm.12299
Journal Article	Mills NT, Maier R, Whitfield JB, Wright MJ, Colodro-Conde L, Byrne EM, Scott JG & Benyamin B. Investigating the relationship between iron and depression. <i>Journal of Psychiatric Research</i> , (2017) 94, 148-155 doi: 10.1016/j.jpsychires.2017.07.006
Journal Article	Moore SE, Norman RE, Suetani S, Thomas HJ, Sly PD & Scott JG . Consequences of bullying victimization in childhood and adolescence: A systematic review and meta-analysis. <i>World Journal of Psychiatry</i> , (2017), 7(1), 60-76. doi: 10.5498/wjp.v7.i1.60
Journal Article	Murphy JA, Sarris J, Byrne GJ . A review of the conceptualization and risk factors associated with treatment-resistant depression. <i>Depression Research and Treatment</i> , (2017) 4176825 doi: 10.1155/2017/4176825
Journal Article	Najman JM, Bor W, Ahmadabadi Z, Williams GM, Alati R, Mamun AA, Scott J and Clavarino, AM. The inter- and intra- generational transmission of family poverty and hardship (adversity): A prospective 30 year study. <i>PLoS One</i> , (in press accepted 19 Dec 2017)
Journal Article	Najman JM, Plotnikova M, Williams GM, Alati R, Mamun AA, Scott J , Clavarino AM, Wray N. Maternal depression and family adversity: Linked pathways to offspring depression? <i>Journal of Psychiatric Research</i> , (2017) 88, 97-104. doi: 10.1016/j.jpsychires.2017.01.006

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Najman JM, Plotnikova M, Williams GM, Alati R, Mamun AA, Scott J , Wray N & Clavarino AM. Trajectories of maternal depression: a 27-year population-based prospective study. <i>Epidemiology and Psychiatric Sciences</i> . (2017) 26 1: 79-88. doi:10.1017/S2045796015001109
Journal Article	Ng F, Scott JG & Bruxner, G . Antineuronal antibody screening in early onset-cognitive decline. <i>Australian and New Zealand Journal of Psychiatry</i> , (2017) 51(7): 736-737. doi: 10.1177/0004867416670019
Journal Article	Nguyen VT, Sonkusare S, Stadler J, Hu X, Breakspear M , Guo CC. Distinct Cerebellar Contributions to Cognitive-Perceptual Dynamics During Natural Viewing. <i>Cereb Cortex</i> , (2017) 27(12), 5652-62.
Journal Article	Palmquist L, Patterson S , O'Donovan A & Bradley G. Protocol: A Grounded Theory of 'Recovery'-Adolescent Service Users' Perspectives. <i>BMJ Open</i> , (2017), 7:e015161. doi: 10.1136/bmjopen-2016-015161
Journal Article	Pathé MT , Haworth DJ, Goodwin T , Holman AG, Amos SJ, Winterbourne P, et al. Establishing a joint agency response to the threat of lone-actor grievance-fuelled violence. <i>The Journal of Forensic Psychiatry & Psychology</i> , doi.org/10.1080/14789949.2017.1335762. (Available online 5 June, 2017)
Journal Article	Pathé MT , Haworth DJ, Goodwin T-A, Holman AG, Amos SJ, Winterbourne P & Day L. Establishing a joint agency response to the threat of lone-actor grievance-fuelled violence. <i>The Journal of Forensic Psychiatry & Psychology</i> , (2017) doi.org/10.1080/14789949.2017.1335762
Journal Article	Patterson S , Drew W, Chamberlain K & Emmerson B . Smoke free acute inpatient care: A mixed methods study of psychiatrists' views and practice in two Australian inpatient mental health settings. <i>Mental Health and Addiction Research</i> ,. (in press accepted Dec 2017)
Journal Article	Perry A, Wen W, Kochan NA, Thalamuthu A, Sachdev PS, Breakspear M . The independent influences of age and education on functional brain networks and cognition in healthy older adults. <i>Hum Brain Mapp</i> , (2017) 38(10), 5094-114.
Journal Article	Pickering JW, Flaws D , Smith SW, Greenslade J , Cullen L, Parsonage W, Carlton E, Mark Richards A, Troughton R, Pemberton C, George PM. A Risk Assessment Score and Initial High-sensitivity Troponin Combine to Identify Low Risk of Acute Myocardial Infarction in the Emergency Department. <i>Academic Emergency Medicine</i> , (2017) Nov 13. doi: 10.1111/acem.13343. [Epub ahead of print]
Journal Article	Prentice K, Blair B & O'Mullan C. Sexual and Family Violence: Overcoming Barriers to Service Access for Aboriginal and Torres Strait Islander Clients. <i>Australian Social Work</i> , (2017) 70(2), 241-252 http://dx.doi.org/10.1080/0312407X.2016.1187184
Journal Article	Roberts JA, Friston KJ, Breakspear M . Clinical applications of stochastic dynamic models of the brain, part I: A primer. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , (2017) 2(3), 216-224 https://doi.org/10.1016/j.bpsc.2017.01.010
Journal Article	Roberts JA, Friston KJ, Breakspear M . Clinical Applications of Stochastic Dynamic Models of the Brain, Part II: A Review <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , (2017) 2(3), 225-234 https://doi.org/10.1016/j.bpsc.2016.12.009 .
Journal Article	Roberts G, Lord A, Frankland A, Wright A, Lau P, Levy F, Lenroot RK, Mitchell PB, Breakspear M . Functional Dysconnection of the Inferior Frontal Gyrus in Young People With Bipolar Disorder or at Genetic High Risk. <i>Biol Psychiatry</i> , (2017) 81,718-727.
Journal Article	Roberts JA, Perry A, Roberts G, Mitchell PB, Breakspear M . Consistency-based thresholding of the human connectome. <i>Neuroimage</i> , (2017) 145(Pt A),118-29,
Journal Article	Ryan A, Baker A, Dark F, Foley S, Gordon A , Hatherill S, Scott JG . The efficacy of sodium benzoate as an adjunctive treatment in early psychosis - CADENCE-BZ: study protocol for a randomized controlled trial. <i>Trials</i> , (2017) 18(1), 165. doi:10.1186/s13063-017-1908-5.
Journal Article	Santhanam-Martin R, Fraser N, Jenkins A , Tuncer C. Evaluation of cultural responsiveness using a transcultural secondary consultation model. <i>Transcultural Psychiatry</i> , (2017) 54(4), 488-501.
Journal Article	Sampaio F, Barendregt JJ, Feldman I, Lee YY, Sawyer MG, Dadds MR, Scott JG , Mihalopoulos C. Population cost-effectiveness of the Triple P parenting programme for the treatment of Conduct Disorder: An economic modelling study. <i>European Child & Adolescent Psychiatry</i> , (accepted 15 Dec 2017)

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Journal Article	Scott JG , Giortz Pedersen M, Erskine HE, Bikic A, Demontis D, McGrath JJ & Dalsgaard S. Mortality in individuals with disruptive behavior disorders diagnosed by specialist services – a nationwide cohort study. <i>Psychiatry Research</i> , (2017) 251, 255-260. doi:10.1016/j.psychres.2017.02.029
Journal Article	Shine JM, Aburn MJ, Breakspear M , Poldrack RA. (2007) The modulation of neural gain facilitates a transition between functional segregation and integration in the brain. <i>eLife</i> , 7:e31130
Journal Article	Signal S, Taylor N, Prentice K , McDade M & Burke KJ Going to the dogs: A quasi-experimental assessment of animal assisted therapy for children who have experienced abuse. <i>Applied Developmental Science</i> , (2017) 2, 81-93 http://dx.doi.org/10.1080/10888691.2016.1165098
Journal Article	Signorini R, Sheffield J, Rhodes N, Fleming C & Ward W . The Effectiveness of Enhanced Cognitive Behavioural Therapy (CBT-E): A Naturalistic Study within an Out-Patient Eating Disorder Service. <i>Behavioural and Cognitive Psychotherapy</i> , (2017) doi: 10.1017/S1352465817000352.
Journal Article	Suetani S, Mamun A, Williams GM, Najman JM, McGrath JJ & Scott JG . Longitudinal association between physical activity engagement during adolescence and mental health outcomes in young adults: A 21-year birth cohort study. <i>Journal of Psychiatric Research</i> , (2017) 94, 116-123. doi: 10.1016/j.jpsychires.2017.06.013
Journal Article	Suetani S, Mamun A, Williams GM, Najman JM, McGrath JJ & Scott JG . The association between adolescent psychopathology and subsequent physical activity in young adulthood: A 21-year birth cohort study. <i>Psychological Medicine</i> , (2017) 19, 1-10. doi:10.1017/S0033291717001660
Journal Article	Suetani S, Reddan J, Anderson C . Methamphetamine and psychiatry: A story of the colourless substance of abuse. <i>Australasian Psychiatry</i> , (2017) 25(3), 254-6.
Journal Article	Suetani S, Saha S, Eyles DW, Scott JG , & McGrath JJ. Prevalence and correlates of suboptimal vitamin D status in people living with psychotic disorders: Data from the Australian Survey of High Impact Psychosis. <i>Australian and New Zealand Journal of Psychiatry</i> , (2017) 51 (9), 921-929. doi:10.1177/0004867416681853
Journal Article	Suetani S, Saha S, Milad A, Eakin E, Scott JG & McGrath JJ. Common mental disorders and recent physical activity status: Findings from a National Community Survey. <i>Social Psychiatry and Psychiatric Epidemiology</i> , (2017) 52(7), 795-802. doi:10.1007/s00127-016-1307-3
Journal Article	Suetani S, Scott JG & McGrath JJ. The importance of the physical health needs of people with psychotic disorders. <i>Australian and New Zealand Journal of Psychiatry</i> , (2017) 51(1), 94-95. doi:10.1177/0004867416662151
Journal Article	Tan WH, Sheffield J, Khoo SK, Byrne GJ , Pachana NA. Influences on psychological well-being and ill-being in older women. <i>Australian Psychologist</i> , (2017) doi: 10.1111/ap.12297
Journal Article	Thomas HJ, Baguley CM, Connor JP & Scott JG . Two sides to the story: Adolescent and parent views on harmful intention in defining school bullying. <i>Aggressive Behaviour</i> , (2017) 43(4), 352–363. doi:10.1002/ab.21694
Journal Article	Thomas HJ, Connor JP, Lawrence DM, Hafekost JM, Zubrick SR & Scott JG . Prevalence and correlates of bullying victimisation and perpetration in nationally representative sample of Australian youth. <i>Australian and New Zealand Journal of Psychiatry</i> , (2017) doi: 10.1177/0004867417707819
Journal Article	Thomas HJ, Connor JP, Scott JG . Why do children and adolescents bully their peers?: A critical review of key theoretical frameworks. <i>Social Psychiatry and Psychiatric Epidemiology</i> , Nov 22. doi: 10.1007/s00127-017-1462-1. [Epub ahead of print]
Journal Article	Voisey J, Lawford B , Morris P et al. Epigenetic analysis confirms no accelerated brain aging in schizophrenia. <i>Schizophrenia</i> , (2017) 3 (26) doi:10.1038/s41537-017-0026-4.
Journal Article	Walker RM, Gillespie B M Keogh SJ, Thalib L, Higgins NS , & Whitty JA, <i>Cochrane Database of Systematic Reviews</i> , (2017) doi: 10.1002/14651858.CD011332.pub2
Journal Article	Wilson H & Magor-Blatch L. Apply what you know: Treating alcohol and drug problems. <i>InPsych</i> , (2017) 39(5) 8-11.
Journal Article	Wilson H , Palk G, Sheehan M, Wishart D & Watson B. Steering Clear of driving after drinking: a tailored e-health intervention for reducing repeat offending and modifying alcohol use in a high risk cohort. <i>International Journal of Behavioural Medicine</i> , (2017) 24, 694-702.
Journal Article	Ward W. The philosophy of anorexia. <i>New Philosopher</i> 2017, (18)

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Abstract	Boyle C & Hall K. Lived and learning: the growth of a co-facilitation education model. International Journal of Mental Health Nursing, (2017) 26(S1),4.
Abstract	Collyer B, Burrows D, Davies K & Chelemalashetty RJ. Medication safety – more than calculations: implementation of a mental health safety awareness tool (Poster). International Journal of Mental Health Nursing, (2017) 26(S1),8.
Abstract	Ewing J, Padilla M, Turrell P & Kusemamuriwo R. Olanzapine LAI and transition to GP Practices – A recovery model (Poster). International Journal of Mental Health Nursing, (2017) 26(S1),12.
Abstract	Hiscox C & Dart N. Security staff in a Queensland inpatient unit – promoting a safer environment (Poster). International Journal of Mental Health Nursing, (2017) 26(S1),22.
Abstract	Mitchell P, Frankland A, Roberts G, Holmes-Preston E, Perich T, Levy F, Lenroot R, Hadzi-Pavlovic D, Breakspear M , Fullerton J. Predicting conversion to bipolar disorder in a prospective longitudinal genetically high-risk sample. European Neuropsychopharmacology, (2017) 27:S516-S7.
Book	Mosley P, Smith D, Perry A, Silburn P, Coyne T, Breakspear M , editors. Predicting psychiatric symptoms after subthalamic deep brain stimulation for Parkinson's disease. 17th Quadrennial Meeting of the World Society for Stereotactic and Functional Neurosurgery; 2017: Karger.
Book Chapter	Scott JG , Hielscher E, & Nurcome B. Hallucinations. In R.G.R. Levesque (Ed) Encyclopedia of Adolescence. Springer International Publishing. doi: 10.1007/978-3-319-32132-5_374-2
Book Chapter	Scott JG , Ross C, Dorahy M, Read J, & Schäfer I. Childhood trauma in psychotic and dissociative disorders. In R.G.R Levesque (Ed) Encyclopedia of Adolescence. Springer International Publishing. doi: 10.1007/978-3-319-32132-5_374-2
Book Chapter	Newman M, Airey C, Blum S, Scott JG , Wong R, & Gillis D. Autoimmune Encephalitis: Clinical Features, Pathophysiology and Management. In A Minagar (Ed) Neuroinflammation (2nd Edition). Elsevier. (in press)
Book Chapter	Byrne GJ. Anxiety in Late Life. In H Chiu, K Shulman, D Ames (Eds) Mental Health and Illness of the Elderly. Singapore: Springer Nature. (2017) doi: 10.1007/978-981-10-0370-7_13-1
Book Chapter	Magis D, Gabrielli F, Roberts JA, Lisicki M, Breakspear M , Dallel R, D'Ostilio K, Schoenen J, Monconduit L. Electroencephalogram spectral bicoherence on resting phase: a potential reliable electrophysiological biomarker for migraine, p 67-68. SAGE London.

2017 CONFERENCE PRESENTATIONS – INVITED SPEAKER, ORAL AND POSTER:

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Poster	Anderson J, Mead L, Curtin G, Robinson G, Tay G, Higgins N & Burke A. Screening for OSA in inpatients with schizophrenia: a feasibility study. Sleep Down Under 2017, 29th ASM of Australasian Sleep Association and the Australasian Sleep Technologists Association, Auckland, New Zealand. 25–28 October 2017
Oral Presentation	Alexandrou E, Ray-Barruel G, Carr P, Frost S, Inwood S, Higgins, N , Francis, L, Alberto, L, Mermel, L & Rickard C. Worldwide Variations in Peripheral Intravenous Catheter Insertion and Management Policies: Survey Results from the One Million Global Catheters Study. AVA 2017 Annual Scientific Meeting. Phoenix, Arizona, September 16th-19th 2017.
Poster	Bennett E. Ante and post natal mental illness and support' Child protection Symposium, Brisbane. November 2nd 2017
Oral	Boyle C & Hall K. Lived and learning: the growth of a co-facilitation education model. International Journal of Mental Health Nursing, ACMHN 43rd International Mental Health Nursing Conference; Hotel Grand Chancellor, Hobart, October 25-27 2017.

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral Invited	Breakspear M Brain Network Disturbances in Affective Disorders. RANZCP Congress: ‘Speaking our Minds. Telling our stories”, Adelaide Convention Centre, Adelaide. 2017
Oral invited	Breakspear M Brain Network Disturbances in Affective Disorders, Brain and Mind Centre Research Committee Monthly Seminar Series, University of Sydney,
Oral Invited	Breakspear M Brain Network Theory, Computational and Cognitive Neuroscience New York University Shanghai Summer School, Shanghai, China
Oral Invited	Breakspear M Brain Waves: Mechanisms of Metastable Cortical Dynamics. Keystone Symposia on Molecular and Cellular Biology, Santa Fe, USA
Oral Invited	Breakspear M How to publish as an early career researcher, Organisation of Human Brain Mapping (OHBM 2017), Vancouver, Canada
Oral Invited	Breakspear M Neurotechnologies in the ABA. Australian Brain Alliance, Brains at the Dome, Canberra
Oral Invited	Breakspear M Neurotechnologies in the ABA . Australian Brain Alliance April 2017 Workshop. Melbourne Brain Centre.
Chairperson	Breakspear M Neuroengineering Australia’s future economic prosperity. Australian Brain Alliance April 2017 Workshop. Melbourne Brain Centre
Oral Invited	Breakspear M Prospective Imaging Study of Ageing: Genes, Brain and Behaviour, National Institute for Dementia Research, Australian Dementia Forum 2017, Melbourne
Oral Invited	Breakspear M The brain is a network: Defining neuroinflammation in major mental illness using blood. Clinical Neuropsychiatry in the 21st Century – New Developments, New Challenges. University of New South Wales
Oral Invited	Breakspear M The phase transition theory of schizophrenia, Brain Modes 2017, Manesar, India
Oral Invited	Breakspear M The phase transition theory of schizophrenia, STAR seminar series, National University Singapore
Oral Invited	Breakspear M Volatility Theory of Schizophrenia. Brain Connectivity Workshop (BCW 2017), Zurich, Switzerland
Poster	Collyer B, Burrows D, Davies K & Chelemalashetty RJ , (2017). Medication safety – more than calculations: implementation of a mental health safety awareness tool. ACMHN 43rd International Mental Health Nursing Conference, Hotel Grand Chancellor, Hobart, October 25-27 2017.
	Durant L & Daghli M (2017) 10 years of learnings: Operating smoke-free environments in drug and alcohol treatment facilities. Walk on the Wild Side (WOWS) 10: Diversity Symposium; RBWH Education Centre, Brisbane (12/05/2017) .
Invited Plenary	Erskine H & Scott JG (2017). The Global Burden of ADHD and a Meta-Analysis of Long-term Outcomes, Sharing Insights in ADHD Conference, Melbourne (27/05/2017)
Poster	Erskine H & Scott J (2017). Bridging the translational gap between the Global Burden of Disease Project and Clinical Practice. Unpacking GBD Workshop, Brisbane (17/02/2017)
Poster	Ewing J, Padilla M, Turrell P & Kusemamuriwo R . (2017). Olanzapine LAI and transition to GP Practices – A recovery model. ACMHN 43rd International Mental Health Nursing Conference; Hotel Grand Chancellor, Hobart, October 25-27.
Oral	Flaws D Development and impact of the EDAC Score and 2h accelerated diagnostic protocol - Australian Society of Medical Research (ASMR), Brisbane 2017
Oral	Flaws D & Nitz M Depression, Delirium and Dementia - Aged Care Conference, RBWH 2017
Oral	Flaws D Predicting Delirium - Older Person's Mental Health Conference, RBWH 2017
	Flaws D Predicting Delirium - TPC Research Day , The Prince Charles Hospital, Brisbane 2017
Oral invited	Heffernan, E. (2017) Disaster Plenary. Australian and New Zealand Intensive Care Society/ Australian College of Critical Care Nurses. Gold Coast.
Poster	Herrin M, Cassidy J, Jeffrey S, Graves L & Bunnell D. Optimizing the Dietitian’s Role in Multidiscipline Treatment. ICED Program. Prague, Czech Republic, June 8th- 10th, 2017.

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral Invited	Hielscher E, Connell M , Lawrence D, Zubrick S, Hafekost J, Scott JG . (2017). Association between psychotic experiences and non-accidental self-injury: Results from the second Australian Child and Adolescent Survey of Mental Health and Wellbeing. The 16th Congress of the International Federation of Psychiatric Epidemiology (IFPE19/10/17
Poster	Hielscher E , Whitford T, Scott JG , Zopf R. When the body is the target – the role of body representations in non-accidental self-injury: A systematic review. Science of the Self International Research Forum, Sydney 20/11/17.
Poster	Hiscox C & Dart N . (2017). Security staff in a Queensland inpatient unit – promoting a safer environment (Poster). International Journal of Mental Health Nursing, 26(S1),22.
Poster Presentation	Jeffrey S, Patterson S , Rocks T & Wright H. A conservative refeeding approach in female inpatients with restrictive eating disorders is not protective of refeeding syndrome. ICED Program. Prague, Czech Republic, June 8th – 10th 2017.
Oral	Kinner S, Clugston B, Davidson F, Perrin M & Heffernan E Mapping the scope and character of prison mental health services in Australia: A national benchmarking project. Royal Australian and New Zealand College of Psychiatrists Faculty Forensic Psychiatry Conference, Vancouver. 31 August 2017.
Oral	Kovacevic, V . (2017) Breaking with tradition - senior mental health clinicians as expert witnesses in Magistrate Courts. Royal Australian and New Zealand College of Psychiatrists Faculty Forensic Psychiatry Conference, 31 August. Vancouver.
Oral	Massey D, Burns J, Higgins N , Weeks B, Shuker M, Coyne E, Mitchell M & Johnston ANB. (2017) Enhancing utility and student engagement with OSCEs: Making change happen through innovative student support processes. Australian College of Nursing National Nursing Forum. Sydney, August 21st – 23rd 2017.
Oral	Mitchell M . No idle threat: Precursors to action in threateners with mental disorders. International Association of Forensic Mental Health Services 2017, 14 June. Croatia.
Workshop/Oral	Mitchell M . Threats of Violence in a Threatening World: Practical Guidelines for Threat Assessment and Threat Management. Australian and New Zealand Association for Psychiatry, Psychology and Law Conference, Perth, Australia. 22 November 2017,
Oral	Pittard J, Functional approaches to treatment within an eating disorders day program. Occupational Therapy Australia National Conference 2017.
Oral	Mitchell M . Threats of Violence and Mental Illness: Types of threats, the Characteristics of Threateners and Risk Factors for Threat- Related Violence. Australian and New Zealand Association for Psychiatry, Psychology and Law ConferencePerth, Australia. , 25 November 2017,
Oral	Perdacher E . Stay Strong Custody Project: culturally safe e-mental health tools in prison. Australian and New Zealand Association of Psychiatry, Psychology and Law Annual Congress, Perth. 25 November 2017.
Oral- International conference	Scott JG , Abajobir A, Kisely S & Najman J. Childhood Maltreatment and psychosis outcomes in young adults Royal Australian and New Zealand College of Psychiatrists (RANZCP) 2017 Congress, Adelaide. 2/5/17
Oral- International conference	Scott JG, Connell M , Betts K, Alati R, Najman J, Clavarino A, Mamun A, Williams G, McGrath JJ. (2017). Hallucinations in Adolescents and Risk of Mental Disorders and Psychosocial Impairment in Adulthood: a Birth Cohort Study 16th International Congress on Schizophrenia Research (ICOSR), San Diego, United States. 26/3/17
Oral- International conference	Scott JG , Pedersen M, Erskine HE, Bikic A, Demontis D, McGrath JJ & Dalsgaard S Mortality in children and adolescents with disruptive behavioural disorders- a nationwide cohort study. The 16th Congress of the International Federation of Psychiatric Epidemiology (IFPE). (Invited Oral Presentation and Symposium Chair) 19/10/17
Oral- International conference	Thomas HJ, Connor JP, Scott JG . Prevalence and clinical correlates of bullying experiences in Australian adolescents. The 16th Congress of the International Federation of Psychiatric Epidemiology (IFPE), Melbourne. 19/10/2017
Oral invited	Scott JG . Against all odds. Office of National Assessments, Canberra 4/5/17
Oral Invited	Scott JG . Antipsychotics in the management of young people with psychosis. Keynote Lecture: Servier Educational Meeting Brisbane. 22/4/17

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral	Scott JG. (2017). Are Childhood and Adult ADHD the same disorders? Evidence for De Novo ADHD in adults. Inaugural Australian ADHD Professionals Association, Melbourne. (Plenary Speaker), 29/07/2017
Oral	Scott JG. (2017). Beyond relapse prevention. Psychosocial interventions for early psychosis. Keynote Presentation; Symposium for supporting patients and families living with psychosis Seoul, South Korea (13/5/17)
Oral invited	Scott JG. (2017). Clinical use of new antipsychotic agents in the management of young people with psychosis. Otsuka Educational Meeting, Perth (7/2/2017)
Oral invited	Scott JG. (2017). Improving the quality of life in early psychosis. Asan Medical Centre, Seoul South Korea (11/5/17)
Oral invited	Scott JG. (2017). The assessment and management of psychosis in adolescents. Invited Webinar Workshop for Far North Queensland Child and Youth Mental Health Services (24/2/17)
Oral Invited	Scott JG J. (2017). The management of first episode psychosis in adolescents and young adults. Keynote Presentation Monash Health Mental Health Service Annual Medical Staff Dinner, Melbourne (18/7/2017)
Oral Invited	Scott JG. (2017). Preventing mental illness: What can be done? The University of Queensland Health Matters Lecture Series, Brisbane (23/5/2017)
Oral Invited	Scott JG. (2017). Psychopharmacology in early psychosis. Otsuka Educational Meeting for Psychiatrists Daegu, South Korea (12/5/17)
Oral Invited	Scott JG & Sohal, R. (2017). Management of ADHD in Adults. Royal Brisbane and Women's Hospital Grand Rounds (24/7/2017)
Oral	Thomas HJ, Connor JP, Scott JG. Bullying behaviour in Australian youth: How common and what are the mental health risks? Australian Society for Medical Research: Queensland Branch Postgraduate Student Conference, Brisbane 1/06/2017
Oral	Thomas HJ, Connor JP, Scott JG. (2017). Understanding why children and adolescents bully their peers. Society for Mental Health Research Conference, Canberra (Symposium Chair & Oral Presentation), 8/12/2017
Oral	Thomas HJ, Connor JP & Scott JG. Prevalence and clinical correlates of bullying experiences in Australian adolescents. The 16th Congress of the International Federation of Psychiatric Epidemiology (IFPE), Melbourne. 19/10/2017
Oral	Vallelonga E & Barnett H. Stepping On - Building confidence and reducing falls. Tri-Nations Falls Forum. Brisbane, September 2017.
Poster Presentation	Vallelonga E & Darbyshire C. A sensorimotor group for older adults. Older Persons' Mental Health Statewide Symposium. Brisbane, August 25th 2017.
Oral Invited	D'Emden H, Uhlmann C, Ward W. Managing Eating Disorders and Diabetes (Workshop) (2017) ADS & ADEA Annual Scientific Meeting, Perth.
Oral	Gardiner C. The Challenges of Nutritional Management of Acute Eating Disorder Patients in General Medical Setting. Australia and New Zealand Academy for Eating Disorders 2017 Conference. Sydney.
Oral	Pittard J, Functional approaches to treatment within an eating disorders day program. Occupational Therapy Australia National Conference 2017. Perth.
Oral Invited (workshop)	Roberts S, Ward W, Huppert M. Eating Disorders in the Peripartum and impact on Infant Mental Health and Feeding (Workshop) 2017 Australasian Marcé Society for Perinatal Mental Health 2017 Conference, Brisbane.
Oral	Heffernan, E., Waterson, E., Fitzgerald, B. Mental Health Court Liaison Service. State-wide Magistrates Court Conference.. Brisbane. 31 March 2017.
Oral	Hamilton, B. (2017). Mental Health Court Liaison Service. State-wide Officer in Charge of Police Prosecutors conference. Brisbane. 10 November 2017.
Oral	Fleming C. Family Centred Practices in Healthcare: An EDOS Exemplar. Invited presentation. Collaboration for Allied Health, Research, Learning and Innovation (CAHRLI) Symposium. Brisbane.
Keynote Oral	Ward W. Reconfiguring general health services to meet the needs of adults with anorexia nervosa. NSW Eating Disorder Statewide Forum, Sydney.

Other communications and outputs:

Media Activity

Oct 10, 2017, “World Mental Health Day’ - Brothers Reid arrived back at QIMR Berghofer after 2.5 years travelling around the world on motorbikes to raise money for depression. Story featured on Channel 10 News Brisbane, Sky News Australia, The Courier Mail, The Herald Sun, Brisbane Times, News.com.au, ABC Radio Breakfast Show, Radio 4BC Drive program, Westender Magazine and Cosmos Magazine

Dec 10, 2017 “Australian researchers have embarked on a study that could detect Alzheimer’s disease” – Story featured on Channel 9 National Nine News in Perth, Melbourne, Sydney, Adelaide, Brisbane and NBN Lismore, Central Coast Gosford, Newcastle, Coffs Harbour, Tamworth, Gold Coast, and 9News.com.au. Story ran on a Sunday night which is the biggest TV news night of the week and reached an audience of more than 1.6 million viewers.

Davis A, Jeffrey S. Renourishing the Undernourished patient. Australian and New Zealand Academy of Eating Disorders Autumn Workshop Series. Noosa.

Davis A. Niven H. Improving quality of QuEDS-CS to public hospital dietitians. Quality Activity. University of Queensland and Metro North Hospital and Health Service. Brisbane.

Fleming C. Engaging with and attending to the needs of families of people with eating disorders: Family Inclusive Practice. ‘And Family’ Month Program. Caboolture Hospital Education and Skills Centre. Brisbane.

Fleming C, Marsland E. Cognitive Behaviour Therapy for Eating Disorders. Training Program. Queensland University of Technology. Brisbane.

Heffernan E. (2017) Murder, Madness and Rights. Royal Australian and New Zealand College of Psychiatrists – Bostock Oration, 22 August 2017. Brisbane [Invited presentation]

Heffernan E. (2017) Substance use disorders among Aboriginal and Torres Strait Islander People in custody: a public health opportunity. InSight Seminar Series. Brisbane [Invited presentation]

Higgins N. (2017) Implementation of Safewards across three inpatient units. Insight and APSAD Seminar Series, Biala City Community Health Centre |Brisbane 24 April.

Meurk C. (2017) What do you want to know? Qualitative and quantitative research approaches. Queensland Emergency Research Collaborative (QERC) meeting – Emergency Medicine Foundation, 5 October. Brisbane. [Invited presentation]

Meurk C. (2017) Partners in Prevention: Understanding and Enhancing First Responses to Suicide Crisis Situations. safeTALK: Suicide Prevention for Everyone Forum and Workshop, CQ University. 15 November. Brisbane. [Invited presentation]

Meurk C. (2017) Partners in Prevention: Understanding and Enhancing First Responses to Suicide Crisis Situations. University of Melbourne, Centre for Mental Health, Seminar Series. 26 October. Melbourne. [Guest presentation]

Mitchell M (2017). Mental Disorder and Threats of Violence: Identifying Risk Factors. University College of London, Institute of Security and Crime Science, 7th June 2017, London. [Guest presentation]

Ward W. Training Workshop for Medical Practitioners. Centre for Integrative Health, Brisbane.

Ward W, Bowden T. Assessment and Management of people with comorbid Diabetes and Eating Disorders. Presentation to the Mental Health Professionals Network. Brisbane.

Ward W, Mulvey B, Adam B. Inpatient Management of People with Eating Disorders (Workshop) Center for Eating and Dieting Disorders, Sydney.

Ward W, Scholey S. Inpatient management of eating disorders (workshop). Australian and New Zealand Academy of Eating Disorders Autumn Workshop Series. Noosa.