

# Metro North Mental Health Services



**Assoc. Prof. Brett Emmerson**  
Executive Director, Metro  
North Mental Health Services



**Lisa Fawcett**  
Nursing Director, Metro  
North Mental Health Services

## Overview

Metro North Mental Health employs more than 1100 staff, has an annual budget of \$150 million and a catchment area population of over 840,000 people. Mental Health Services are located at Royal Brisbane and Women's Hospital (RBWH), The Prince Charles hospital (TPCH) and Caboolture and Redcliffe Hospitals, with community-based services working across the district. Mental Health Services provided encompass acute, non-acute and continuing care across the life-span for people with diverse mental health problems. The service endorses the recovery approach and works collaboratively with consumers and carers and primary and private health providers.

The executive strongly endorses and promotes systematic evaluation of programs and interventions and the integration of basic and clinical research in development of services. In line with this, substantial investment has been made in embedding research within the culture at RBWH and establishment of partnerships with universities and other research bodies. This is evident in establishment of a multi-disciplinary team of researchers tasked with fostering research literacy and skills amongst staff, funding of evaluation activities and support provided to staff to facilitate continuing professional development. Many senior staff hold joint or adjunct posts with universities and research institutes and conduct cutting edge research within their departments and in partnership with academic and/or third sector partners. To build capacity we have hosted numerous post graduate students, two research interns (funded by grants from the PPTF and Allied Health) and a visiting researcher from Imperial College London. Metro North Mental Health-RBWH research and evaluation activities are overseen by a formally constituted committee and the service is represented on the RBWH Human Research Ethics Committee. Importantly we are strengthening mechanisms to support engagement of consumers and carers in research, as investigators and participants.

The ongoing investment in research staff has been well rewarded this year. Nursing research is flourishing with appointment of a Clinical Academic Fellow supporting development of a platform for collaboration between RBWH and the Queensland University of Technology, School of Nursing and Midwifery. Important studies examining the organisation, process and outcomes of care conducted with the service have provided a sound basis for quality improvement. Research staff have published widely and secured several prestigious awards from national bodies including the NHand MRC and Beyond Blue, and grants from the RBWH foundation. Awards will support diverse studies examining mental disorder, impact and interventions cross the spectrum of mental health research – from cell to society. Moving forward, we are working to align service driven research activity with service priorities to ensure that we continue to efficiently deliver the very best care for people who use our services and their families.

We are acutely aware that the huge contribution made by service, discipline leaders, nurse unit managers and all clinical staff underpins our achievements in research. These are the people who make time in their schedules to facilitate the conduct of studies, inviting researchers to examine their practice and supporting recruitment of the participants without whom research could not be conducted.

## Key departments

- » Department of Adolescent Psychiatry
- » Department of Consultation Liaison Psychiatry
- » Eating Disorder Service
- » Hospital Alcohol and Drug Service
- » Inner North Brisbane Mental Health Service
- » Older Persons' Mental Health Service
- » Queensland Forensic Mental Health Service
- » QIMR/RBWH Mental Health Research Division

## Executive and directing staff

**Assoc. Prof. Brett Emmerson**  
Executive Director

**Lisa Fawcett**  
Nursing Director/  
Operations Director (inpatient)

**Dr Ian Williams**  
Director, Adolescent Psychiatry

**Dr John Linnane**  
Director, Consultation Liaison Psychiatry

**Dr Warren Ward**  
Director, Eating Disorder Service

**Dr Mark Daghli**  
Director, Addiction Psychiatry

**Dr Vikas Moudgil**  
Clinical Director, Inner North Brisbane  
Mental Health Service

**Prof. Gerard Byrne**  
Director, Older Persons' Mental Health Service

**Dr Ed Heffernan**  
Director, Queensland Forensic Mental Health Service

**Prof. Michael Breakspear**  
Chair, QIMR/RBWH Mental Health Research Division



**Dr Ian Williams**  
Director, Adolescent  
Psychiatry

## Department of Adolescent Psychiatry

The Adolescent Mental Health Unit is a 12-bed unit which provides acute inpatient care for people aged 14 to 17 years from across Queensland.

Psychiatrists and nurses work with allied health professionals to provide assessment of mental disorder and treatment as appropriate.

The unit is committed to evidence-based practice and research is supported in various ways. Team members are able to participate in nursing and allied health journal clubs and the unit hosts and facilitates research examining medical, psychological and social aspects of mental illness in young people.

In 2012, two clinical psychology students completing doctorates have undertaken empirical work related to adolescent mood regulation and depression and we have recruited participants for a study exploring first episode psychosis and trauma.



**Dr John Linnane**  
Director, Consultation  
Liaison Psychiatry

## Department of Consultation Liaison Psychiatry

Research interests of Associate Professor Jane Turner have focused on promotion of wellness after completion of cancer treatment; the emotional impact of cancer on families (in particular advanced cancer), and the development and evaluation of sustainable models of improved health care service delivery.

We have recently closed recruitment for the PROMPT study, an RCT which recruited more than 500 patients at four sites across Australia to receive a tailored, psychosocial intervention delivered by novel health professionals who participated in focused training and skill development and clinical supervision. This is one of the largest studies of its kind internationally and data is currently being prepared for analysis. If successful in improving depression this will provide a sustainable model of service delivery which can be implemented across diverse treatment settings.

The department has just commenced a trial of a structured survivorship intervention for patients who have completed treatment for head and neck cancer, to be delivered by a trained oncology nurse. The theoretical platform for this intervention draws on the principles of chronic disease self-management and promotion of self-efficacy to encourage patients to engage in sustained behaviour change and self-care regarding cancer-related concerns. This is the first RCT of its kind to be conducted in Australia, and will provide critical data about innovative models of survivorship care which could be implemented locally and internationally.



**Dr Warren Ward**  
Director, Eating  
Disorder Service

## Eating Disorder Service

The Eating Disorder Service, which incorporates inpatient and outpatient services based at RBWH and the Eating Disorders Outreach Service, is a tertiary service providing treatment using various models to people with eating disorders from across Queensland.

The service is staffed by a multidisciplinary team including a psychiatrist, registrar, nurses, dietitians, psychologists, social workers, and assistants in nursing and is committed to ongoing evaluation of all activities and hosting a range of research projects.

Students undertaking higher degrees are working collaboratively with staff members to investigate the effectiveness and experience of outpatient treatments including cognitive behaviour therapy and a new multi-modal intervention being trialled in the service.

We are working with partners in Australia and the United States on an international study of the genetics of anorexia nervosa (for which an \$800,000 funding was secured from the Klarman Family Foundation). Locally we are undertaking a mixed method evaluation of the process and outcomes of inpatient care which includes a qualitative examination of patients' experience.

Additionally we continue to evaluate our own established and innovative practice, presenting our findings for discussion at national and international conferences. The team meets quarterly to explore research opportunities and members participate in regional, national and international forums designed to develop the evidence-base needed to improve treatment of eating disorders. Their innovative work has been presented at several international conferences.



**Dr Mark Daglish**  
Director, Addiction Psychiatry

## Hospital Alcohol and Drug Service

The Hospital Alcohol and Drug Service (HADS) provides inpatient services for management of alcohol and drug problems. We also provide a consultation-liaison service to the rest of RBWH.

The inpatient arm of the service comprises a 20-bed ward admitting approximately 1200 admissions per year, with the majority being for alcohol withdrawal management.

The consultation-liaison service provides advice and assistance to the whole of RBWH, with a similar number of referrals each year.

We have particularly close links with the Department of Emergency Medicine, the Psychiatric Emergency Clinic, the Chronic Pain Team and general Mental Health Services. We also provide expert input to the specialist ante-natal clinic (SHADES) for substance using women and a Drug and Alcohol Brief Intervention Team (DABIT) service to the Department of Emergency Medicine.

The service has been involved in an international study examining the effectiveness of smoking cessation pharmacotherapies amongst people with severe mental illness and will be working in the coming year on studies of interventions designed to reduce the impact of harmful alcohol.



**Dr Vikas Moudgil**  
Clinical Director, Inner North  
Brisbane Mental Health  
Service

## Inner North Brisbane Mental Health Service

Inner North Brisbane Mental Health Service provides mental health assessment and treatment services to the 330,000 adults who reside in the RBWH catchment areas. The catchment area has a large homeless population, high levels of drug use (particularly amphetamines), is the busiest court liaison complex in the state and has approximately 2000 hostel/boarder house beds, three large homeless shelters and two private psychiatric hospitals which frequently refer patients with behavioural disorders.

The service comprises a Psychiatric Emergency Centre (PEC), which services the busiest emergency department in Australia, an acute care team, a homeless health outreach team, northern and southern community/in-patient teams, a community care unit (20 beds) and a resource team. The hospital and community-based teams provide integrated mental health services, with 50 acute care adult beds while the resource team provides logistic and specialist support across the Service.

A range of research, evaluation and quality improvement projects are currently underway within the service. Each project is designed to support the efficient delivery of effective services to people who need them and improve patient outcomes and experience.

Dr James Scott, recognised internationally as an authority on adolescent mental health, is leading studies to improve the understanding and effective intervention with people experiencing a first episode of psychosis.

The service is working with the Commonwealth on a national study into outcome assessment and has worked with Queensland Health to redesign community mental health service delivery to promote efficiency and consumer valued outcomes.

The service is sponsoring studies examining the effect of social cognition training for people with schizophrenia, the experience of seclusion and the causes of readmission. Moving forward we will continue to implement and evaluate the 'Let's get Physical' program designed to improve the detection and treatment of physical health problems in people prescribed antipsychotic medication and work with staff to explore implementation of the recovery orientation across the service. Additionally we are working collaboratively with our colleagues in pharmacy to evaluate poly-pharmacy and quality use of medicines with our patient population. We support staff to participate in a range of activities designed to enhance research capacity.



**Prof. Gerard Byrne**  
Director, Older Persons'  
Mental Health Service

## Older Persons' Mental Health Service

The Older Persons Mental Health Service (OPMHS) assesses and treats older patients with serious mental disorders.

The service has 10 beds in the RBWH Mental Health Centre, runs an outpatient clinic and a busy community outreach service. It also provides a consultation/liaison service to the Geriatric Assessment and Rehabilitation Unit (GARU) and contributes to the RBWH Memory Clinic.

OPMHS has strong links with the UQ Discipline of Psychiatry and is actively engaged in teaching students of several disciplines (medical, nursing, psychology, occupational therapy, social work).

Personnel of the OPMHS are involved in clinical and health services research in relation to mental disorders in older people, including those with dementia, anxiety and depression. In addition, the director of the OPMHS has a research program that is investigating various aspects of dementia, particularly behavioural and psychological symptoms in Alzheimer's disease.

A number of competitively funded research projects are underway in collaboration with research psychologists and laboratory scientists. Funding has been obtained from the US Alzheimer's Association, the NHMRC, the Wicking Trust, the RBWH Research Foundation and several private benefactors.

Dr Gerard Byrne, Director of the Older Persons' Mental Health Service has collaborated with Dr Christine Neville to publish a textbook for mental health staff joining older persons teams called Community Mental Health for Older People (Elsevier). The Geriatric Anxiety Inventory (GAI), a scale to measure anxiety in older people, developed by Dr Byrne and Dr Nancy Pachana has now been translated into more than a dozen languages and is in widespread use around the world.



**Dr Ed Heffernan**  
Director, Queensland Forensic  
Mental Health Service

## Forensic Mental Health Service

The Queensland Forensic Mental Health Service (QFMHS) (RBWH district) aims to be a leading research authority on people with a mental illness involved in the criminal justice system.

The vision of the service is to conduct innovative research which informs service design and delivery, and ultimately improves the experience of forensic consumers and other stakeholders. The service also prioritises the sharing of research findings with stakeholders and the wider research community, through publication and presentations.

The QFMHS Academic and Research Committee oversees the service's research agenda and provides a forum in which research can be discussed, prioritised, planned, and reviewed. The committee also encourages the development of relationships with academic partners and research bodies and the service has strong relationships with universities such as The University of Queensland (UQ), Griffith University and Bond University.

QFMHS professional staff, regardless of position or qualification, are actively supported in their participation in relevant forensic research and several special interest groups operate within the service (eg. stalking interest group, sex offender interest group).

In the coming years, the service aims to intensify and broaden its research activities, in line with the priorities set out in the Forensic Mental Health Framework 2011, in a manner which will improve service quality for forensic consumers and stakeholders.

We are delighted to have been successful this year securing a substantial grant from Beyondblue to examine the mental health of Indigenous women in Queensland prisons.



**Prof. Michael Breakspear**  
Chair, QIMR/RBWH Mental  
Health Research Division

## QIMR/RBWH Mental Health Research Division

Systems Neuroscience is an approach to brain sciences that seeks the basic principles of brain organisation, dynamics and function across a hierarchy of spatial and temporal scales. It is a rapidly growing field that differs considerably from the traditional reductionist paradigm in neuroscience that addresses sufficient causes for local phenomena.

The work of our group embodies these principles across three broad domains - empirical, computational and clinical neuroscience. The overarching aim of this work is to contribute towards unifying models of brain architecture, dynamics and cognitive (dys)function.

We are funded in national collaborations by the Australian Research Council (Thinking Systems), The National Health and Medical Research Council (NHMRC), and the Rotary Foundation and in an international collaboration by the James. S. McDonnell Foundation (BrainNRG).

## Research staff

Name	Qualifications	Position	Interests/specialties
<b>Metro North Mental Health Services</b>			
Assoc. Prof. Brett Emmerson	MBBS, MHA, FRANZCP, FRACMA	Executive Director, Metro North Mental Health Services	health services research, physical health of people with severe mental illness, use of benchmarking to improve clinical practice
Lisa Fawcett	RGN, Cert Psychiatric Nursing, Cert Management, Grad Dip Health Counselling, MSc (PHC).	Nursing Director, Operations Director of Psychiatric Emergency Service	mental health nursing, workforce development, nursing leadership quality improvement and standards, consumer and carer engagement
Nicole Goulter	BN, MMHN, MAsc (current)	Clinical Academic Fellow (Nurse Researcher)	mental health, nursing, models of care, interventions
Sue Patterson	BSocSci, BSc (Psych) (Hons), Grad Cert Health, DIC, PhD	Principal Research Fellow (Mental Health)	health systems, service delivery, methodology, psychosocial interventions
Ben Chapple	BA (Hons), MIT	Principal Mental Health Information Manager	predictive modelling and health economics
Nathan Dart	BN, MMHN,	Nurse Manger	workforce development and management
Di Burrows	RGN	Service Development Coordinator	quality improvement and audit methodology
David Higson	Cert Psychiatric Nursing, BN, Grad Cert	Assistant Nursing Director	inpatient service improvement
Jeremy Johnson	BSc Astrophysics, BSc Psychology/ Mathematics, MBBS	Research Intern	health services research and patient outcomes, cognitive psychology
<b>Consultation Liaison Psychiatry</b>			
Assoc. Prof. Jane Turner	MBBS, PhD, FRANZCP	CL Psychiatrist	psycho-oncology
Dr Rodney Marsh	MBBS, FRANZCP	Consultant Psychiatrist	neuropsychiatry
<b>Eating Disorder Service</b>			
Dr Warren Ward	MBBS, FRANZCP, GradCertMgmt	Director, Eating Disorder Service	service access, malnutrition, medical monitoring
Elaine Painter	BNSc, BA, MPHc	Team Manager	national advocacy, families and carer support
Erin Anderson	BA (Hons Psych), MCLin (Psychology)	Senior Clinical Psychologist	cognitive behaviour therapy, metacognition
Rachel Bellair	BA (Hons Psych), PhD (psychology)	Senior Clinical Psychologist	team functioning, service evaluation
Amanda Davis	BSc, PGDipNutDiet	Senior Dietitian	nutritional management, malnutrition, medical monitoring
Carmel Fleming	BSocWk (Hons), MSW	Educator; Senior Social Worker	cognitive behaviour therapy, education
Shane Jeffrey	BSc, GradDipNutrDiet	Senior Dietitian	weight management, service evaluation, malnutrition
Natalie Rhodes	BA (Psychology)	Senior Psychologist	cognitive behaviour therapy, family and carer support
Michelle Roberts	BSocWk, GradDipLaw	Senior Social Worker	family and carer support
Catherine Vellacott	BNurs	Clinical Nurse Consultant	inpatient management, consultation liaison services

## Research staff

Name	Qualifications	Position	Interests/specialties
<b>Hospital Alcohol and Drug Service</b>			
Dr Mark Daglish	BSc, MBChB, MRCPsych, MD, FRANZCP	Director and Senior Lecturer of Addiction Psychiatry	addiction, neuroimaging
Assoc. Prof. Bruce Lawford	MBBS, FRANZCP, FACHAM	Visiting Medical Officer; Assoc. Prof. QUT	addiction, anxiety, mood disorders, schizophrenia, genetics
Dr Robert Bell	BMed, FRANZCP, FACHAM	Visiting Medical Officer; Senior Lecturer, UQ	nicotine addiction
Michael Wilson	BEd, RN, RPN	Research Clinical Nurse Consultant	nicotine addiction
<b>Inner North Brisbane Mental Health Service</b>			
Dr James Scott	MBBS, PhD, FRANZCP	Senior Lecturer in Early Psychosis; Senior Staff Specialist	early psychosis, autism, psychological trauma
Dr Vikas Moudgil	MBBS, MHM, FRANZCP,	Clinical Director, Inner North Brisbane Mental Health Service	health service management
Colin Hudson	Operations Director	Inner North Brisbane Mental Health Service	service organisation
Anne Gordon	Masters Clinical Psychology	Psychologist	psychosocial interventions in schizophrenia
Stacey Dixon	BBSoc, Psy (Hons)	Psychologist	smoking and mental illness, seclusion practice
<b>Older Persons' Mental Health Service</b>			
Prof. Gerard Byrne	BSc, MBBS, PhD, FRANZCP	Director, Older Person's Mental Health Service	mental disorders in older people, Alzheimer's disease
Dr Vicki Naumann	MBBS, FRANZCP	Staff Specialist	mental disorders in older people, Alzheimer's disease
Dr Rudi Tannenber	BSc, PhD	Post-doctoral fellow	synaptic proteins in Alzheimer's disease
Dr Tarja Brita Robins Wahlin	MSc, PhD	Post-doctoral fellow	neuropsychology of Huntington's disease
Dr Nadeeka Dissanayakka	BSc, PhD	Post-doctoral fellow	non-motor manifestations of Parkinson's disease
Liz Arnold	B Nurs	Research Coordinator	Alzheimer's disease
Lyn Isabel	MSW	Research Assistant	Alzheimer's disease
Prof. Nancy Pachana	AB, MA, PhD	Research Collaborator	Geropsychology
Dr Nancye Peel	BPhty, MPH, PhD	Research Officer	Dementia
Dr Katharine Vearncombe	BPsych, PhD	Research Officer	Geropsychology
<b>Queensland Forensic Mental Health Service</b>			
Dr Ed Heffernan	MBBS, BSc (Hons), MPH, FRANZCP	Director, Queensland Forensic Mental Health Service	custodial mental health, Indigenous forensic mental health, substance use disorders
Dr Elke Perdacher	B SS (Psych), Pg. Dip. Psych., DPsych (Forensic)	Program Coordinator, Post Graduate Training	child sexual offenders, quality of admission in child sexual offenders across the judicial system – offender, victim and offence characteristics
Dr Bob Green	B SocWk, MSW, PhD (Psych)	Program Coordinator, Statewide Community Risk Management Program	risk assessment, arson and reoffending

## Research staff

Name	Qualifications	Position	Interests/specialties
<b>Queensland Forensic Mental Health Service</b>			
Adj. Prof. Michele Pathé	MBBS, MD, FRANZCP	Senior Forensic Psychiatrist	stalking risk arson public figure harassment
Dr Tim Lowry	BA, GradDipSc, MClinPsych, DPsych (Clinical)	Team Manager, CFOS	arson risk assessment delusions and other high risk psychotic phenomena system development
Dr Jane Phillips	MBBS (Hons), MPM, FRANZCP, Cert Forensic Psych, GradDipBehSci	Forensic Psychiatrist	court liaison assessment screen for stalkers
Tamara Smith	PhD candidate	Acting Senior Psychologist	intellectual disability
Kimina Andersen	BSocWk	Program Coordinator, Forensic Indigenous Mental Health	indigenous mental health and forensic services
Georgia Sakrzewski	BBehSc, BPsych (Hons)	Program Coordinator, Research and Evaluation	transition of mentally ill prisoners returning to the community, national prison mental health benchmarking
Fiona Davidson	BNurs, GradDipMentalHealth, MSocial Sc (Health)	Program Coordinator, Research and Evaluation	sedating psychotropic medication in custodial settings forensic mental health
Bruce Hamilton	BArts (Psych), Psych (Hons), Cert IV WTA	Program Coordinator, Statewide DFLO Network	detachment from the workplace
Robert Pedley		Continuity of Care Coordinator	transition of mentally ill prisoners returning to the community
Bernadette McDermott	BSc, Hons (Psych), PGCE, GradDip HealthManagement	Team Manager, CFOS	national forensic benchmarking
<b>QIMR/RBWH Mental Health Research Division</b>			
Prof. Michael Breakspear	BA (Hons), BSc (Hons), MB BS, PhD, FRANZCP	Chair, QIMR/RBWH Mental Health Research Division; Staff Psychiatrist	mental health research, neuroscience
Dr Tjeerd Boonstra	PhD	Post-doctoral research Fellow	neuroscience
Dr Mark Schira	PhD	Post-doctoral research Fellow	neuroimaging
Dr James Roberts	PhD	Post-doctoral research Fellow	computational neuroscience

## Supervised post-graduate students

Name	Current studies	Research topic
<b>Metro North Mental Health Services</b>		
Goulter, N.	Masters of Science	Mental health nursing practice
<b>Consultation Liaison Psychiatry</b>		
Crowe, L.	Masters of Philosophy	Stress and burnout in staff working in paediatric oncology
<b>Eating Disorder Service</b>		
Vann, A.	Doctorate of Psychology (clinical)	Metacognition in eating disorders
<b>Hospital Alcohol and Drug Service</b>		
Ho, A.M.C	PhD	The interactions between personality, genetics, hormone responses and alcohol dependence
Dissabandara, L.	PhD	Genetics of heroin dependence

## Supervised post-graduate students

Name	Current studies	Research topic
<b>Inner North Brisbane Mental Health Service</b>		
Dixon, S.	Masters of Clinical Psychology	The process of seclusion in mental health units: The patients' perspective
Gordon, A.	Doctorate of Psychology	Social cognition training for people with schizophrenia
Castellini, J.	Doctorate of Psychology	Emotional regulation in adolescents
Wong, A.	Doctor of Philosophy	Distinguishing dissociative identity disorder from schizophrenia
Mills, A.	PhD	The role of cytokines in adolescents with depression
Erskine, H.	PhD	Measuring the global burden of disease for childhood disruptive behavioural disorders
Duhig, M.	Masters of Psychology	The clinical outcomes of patients with first episode of psychosis who have experienced trauma in childhood
Capra, C.	PhD,	An internet-based treatment program for young people with odd or unusual thoughts and/or experiences
<b>Older Persons' Mental Health Service</b>		
Chauvin, A.	PhD	
Laki, P.	MPhil	
Murphy, J.	PhD	Treatment resistant depression
Matheson, S.	PhD	Neonatal SSRI discontinuation syndrome
Higgs, C.	PhD	Vesicular glutamate and GABA transporters in AD
Sindi, I.	PhD	Trans-synaptic proteins in AD: Neurexins and neuroligins
Tattersall, T.	PhD	Neural mechanisms that underlie emotional memory formation and extinction
Miloyan, B.	PhD	Executive function during normal ageing
Maguire, P.	PhD	Health literacy in people with chronic psychosis
McVie, N.	PhD	An analysis of the decisions of the Queensland Mental Health Court
Yasky, J.	PhD	
<b>Queensland Forensic Mental Health Service</b>		
Heffernan, E.	PhD	Mental health of Aboriginal and Torres Strait Islander people in custody
Lowry, T.	Masters of Forensic Mental Health	Coursework with research basis
Hamilton, B.	Masters of Organisational Psychology	Psychological detachment from workplace
Smith, T.	PhD	The development and validation of the intellectual and cognitive impairment screen
Denton, M. (secondment)	PhD	Transition of mentally ill prisoners returning to the community
<b>QIMR/RBWH Mental Health Research Division</b>		
Rubinov, M.	PhD	Brain networks in health and disease
Langdon, A.	PhD	Computational models of sensory perception
Heitmann, S.	PhD	Computational models of motor coordination
Muhsin, K.	PhD	Brain networks in perceptual decision making



## Awards and achievements

Award	Event	Name
<b>Metro North Mental Health Services</b>		
Senior Research Award, Royal Australian and New Zealand College of Psychiatrists		Byrne, G.
Best Oral Presentation	2012 RBWH Healthcare Symposium	Hollingsworth, K.
State award for 'Court Liaison Assessment Screen for Stalkers (CLASS)'t	2012 Australian Crime and Violence Prevention Awards	Pathe, M., Phillips, J.
2012 Queensland Bostock Oration		Scott, J.

## Research grants

Investigators	Research title	Granting body	Amount awarded	Years of funding
<b>Metro North Mental Health Services</b>				
Pritchard, M., Hovey, D., Bella, E., Cartwright, C., Scott, J	A longitudinal study of autism, development and parenting in preterm infants (<29weeks) from two to four years	RBWH Research Foundation	\$25,500	2012
Scott, J.	Bryan Foundation Scholarship	Bryan Foundation	\$75,000	2012
Goulter, N.	Clinical Academic Fellowship	OHMR	\$375,000	2012-2016
Patterson, S., Scott, J.	Building mental health research capacity	RBWH Private Practice Trust Fund	\$36,270	2012
Patterson, S.	Hearing voices that are distressing training: A mixed method evaluation	RBWH, Allied Health Research Grants	\$18,000	2012
Butow, P., Thewes, B., Turner, J., Gilchrist, J., Beith, J., Girgis, A., Sharpe, L., Bell, M., Mihalopoulos, C.	Evaluation of a psychological and educational intervention for fear of cancer recurrence: A clustered randomised controlled trial	Cancer Australia Beyondblue ID:1022584	\$496,702	2012-2014
Girgis, A., Lambert, S., Turner, J., McElduff, P., Kayser, K., Mihalopoulos, C.	Coping together: A randomised, controlled trial of a self-directed coping skills intervention for patients with cancer and their partners	NHMRC ID: 1002715	\$718,021.60	2012-2014
Breakspear, M., Morley, J., Lovell, N.H., Paxinos, G., Harris, J., Goodhill, G.	Autonomous systems and control of the hand	Australian Research Council Thinking Systems Award	\$3.3 million	2006-2012
Breakspear, M.	A novel diagnostic test for schizophrenia	Queensland Health Office of Health and Medical Research	\$375,000	2010-2014
Breakspear, M., McIntosh, A.R., Jirsa, V., Deco, G., Friston, K., Price, C.	Brain Network Recovery Group	James McDonnell Foundation, USA	\$3 million	2011-2014
Mitchell, P., Parker, G., Schofield, P., Breakspear, M.	Identifying determinants of both the origins and progression of the depressive and bipolar (mood) disorders	NHMRC	\$ 7 million	2012-2016
Chambers, S., Girgis, A., Occhipinti, S., Turner, J., Carter, R., Dunn, J.	Improving the psychosocial health of people with cancer and their carers: A community-based approach	Cancer Australia Priority-driven grant scheme Beyond Blue	\$594,310	2009-2012
Byrne, G., Pachana, N., Beattie	Improving anxiety assessment and management in people with dementia	DCRC Grant	\$58,940	2011-2013
Ames, D., Gibson, S., Byrne, G., Katz, B.	Randomised controlled trial of analgesic medications to modify behavioural and psychological symptoms of dementia	NHMRC 1009435	\$570,898	2011-2013
Najman, J., Williams, G., Wray, N., Breen, G., Venter, D., Clavarino, A., Mamun, A., Alati, A., O'Callaghan, M., Bor, W., McGrath, J., Scott, J.	Genetic and environmental contributions to the life course of common mental disorders	NHMRC	\$1,474,527	2011-2014

## Publications

- Aburn MJ, Holmes CA, Roberts JA, Boonstra TW, Breakspear M. Critical fluctuations in cortical models near instability. *Frontiers in Fractal Physiology*. 2012;3:331.
- Al Mamun A, O'Callaghan F, Scott J, Heussler H, O'Callaghan M, Najman J, et al. Continuity and discontinuity of trouble sleeping behaviors from early childhood to young adulthood in a large Australian community-based-birth cohort study. *Sleep Med*. 2012;13(10):1301-6.
- Almeida OP, Draper B, Pirkis J, Snowdon J, Lautenschlager NT, Byrne G, Sim M, Stocks N, Kerse N, Flicker L, Pfaff JJ. Anxiety, depression, and comorbid anxiety and depression: Risk factors and outcome over two years. *Int Psychogeriatr*. 2012;24(10):1622-32. doi: 10.1017/S104161021200107X. Epub 2012 Jun 12.
- Almeida OP, Pirkis J, Kerse N, Sim M, Flicker L, Snowdon J, Draper B, Byrne G, Goldney R, Lautenschlager NT, Stocks N, Alfonso H, Pfaff JJ. A randomised trial to reduce the prevalence of depression and self-harm behavior in older primary care patients. *Ann Fam Med*, 2012; 10(4):347-356. <http://www.ncbi.nlm.nih.gov/pubmed/22778123>.
- Almeida OP, Pirkis J, Kerse N, Sim M, Flicker L, Snowdon J, Draper B, Byrne G, Lautenschlager NT, Stocks N, Alfonso H, Pfaff JJ. Socioeconomic disadvantage increases risk of prevalent and persistent depression in later life. *J Affect Disord*. 2012 May;138(3):322-31. Epub Feb 12.
- Anderson E. Bulimia nervosa and binge-eating: have you considered a cognitive behavioural guided self-help approach? Australian Clinical Psychology Association: ACPARIAN, 2012;3:101-103.
- Aquino KM, Schira MM, Robinson PA, Drysdale PM, Breakspear M. Hemodynamic travelling waves in human visual cortex. *PLoS Computational Biology*. 2012;8:e1002435.
- Birznieks I, Boonstra TW, Macefield VG. Modulation of human muscle spindle discharge by arterial pulsations – functional effects and consequences. *PLoS ONE* 2012;7:e35091.
- Black F, Schweitzer R, Varghese F. Allegations of child sexual abuse in family court cases: A qualitative analysis of psychiatric evidence. *Psychiatry, psychology and law*. 2012;19:482-496.
- Boonstra TW, Breakspear M. Neural mechanisms of intermuscular coherence: Implications for the rectification of surface electromyography. *Journal of Neurophysiology*. 2012;107:796-807.
- Breakspear M. Dynamic and stochastic models of neuro imaging data. *NeuroImage*. 2012; <http://dx.doi.org/10.1016/j.neuroimage.2012.02.047>.
- Burn MJ, Holmes CA, Roberts JA, Boonstra TW, Breakspear M. Critical fluctuations in cortical models near instability. *Frontiers in Fractal Physiology*. 2012;3:331.
- Chan J, French P, Hudson C, Webber L. Applying the CRPD to safeguard the rights of people with a disability in contact with the criminal justice system. *Psychiatry, psychology and law*. 2012;19(4):558-565.
- Chambers SK, Girgis A, Occhipinti S, Hutchison S, Turner J, Morris B, Dunn J. Psychological distress and unmet supportive care needs in cancer patients and carers who contact cancer helplines. *European Journal of Cancer Care*. 2012;21:213-223.
- Cox A, Emmerson B, Collyer B, Scott J. Why change injection sites for depot antipsychotic medication. Letter, Australian and New Zealand Journal of Psychiatry DOI: 10.1177/0004867412445024. *Australian and New Zealand Journal of Psychiatry*. 2012;46:8.
- Crawford MJ, Killaspy H, Barnes TB Barrett B, Patterson S et al. Group art therapy as an adjunctive treatment for people with schizophrenia: Multi-centre pragmatic randomised trial. *BMJ*. 2012;344:e846.
- Crawford MJ, Killaspy H, Barnes TB, Barrett, B, Patterson S, et al. Group art therapy as an adjunctive treatment for people with schizophrenia: Multi-centre pragmatic randomised trial. *Health Technol Assess*. 2012;16(8):1-76.
- Dissabandara LO, Loxton NJ, Dias SR, Daghli MRC, Stadlin A. Testing the fear and anxiety distinction in the BIS/BAS scales in community and heroin-dependent samples. *Personality and Individual Differences*. 2012;52:888–892.
- Emmerson B, Scott J. The Australian States and Territories: 'Queensland' in Meadows G, Farhall J, Fossey E, Grigg M, McDermott F, Singh B, (Eds.) *Mental Health in Australia: Collaborative Community Practice* (3rd ed., pp.132-136) 2012 South Melbourne: Oxford University Press.
- Emmerson B et al. Enhancing community mental health services through formal partnerships with supported employment providers. *American Journal of Psychiatric Rehabilitation*. 2012;15:2:157-180.
- Emmerson B, McMahon K, Stark A, Barnes M, Ward W, Kealy-Bateman. Will we ever have enough psychiatric registrars? *Australian Psychiatry*. 2012;20(5):446-447. DOI: 10.1177/1039856212455254.
- Freyer F, Roberts JA, Becker R, Robinson PA, Ritter P, Breakspear M. A canonical model of multistability and scale-invariance in biological systems. *PLoS Computational Biology*, *Comput Biol* 8(8): e1002634. doi:10.1371/journal.pcbi.1002634.
- Friston KJ, Adams R, Perrinet L, Breakspear M. Perceptions as hypotheses: Saccades as experiments. *Frontiers in Perception Science*. 2012;3:151.
- Friston KJ, Breakspear M, Deco G. Perception and self-organised instability. *Front Comput Neurosci*. 2012;6:44. doi: 10.3389/fncom.2012.00044.
- Gonçalves DC, Byrne GJ. Interventions for generalized anxiety disorder in older adults: Systematic review and meta-analysis. *J Anxiety Disord*. 2012;26(1):1-11. <http://www.ncbi.nlm.nih.gov/pubmed/21907538>

## Publications

- Gonçalves DC, Byrne GJ. Sooner or later: Age at onset of generalized anxiety disorder in older adults. *Depress Anxiety*. 2012;29(1):39-46. <http://www.ncbi.nlm.nih.gov/pubmed/21898708>.
- Gonçalves DC, Byrne GJ. Who worries most? Worry prevalence and patterns across the lifespan. *Int J Geriatr Psychiatry*. 2012; doi: 10.1002/gps.3788. <http://www.ncbi.nlm.nih.gov/pubmed/22374912>.
- Hamlyn J, Duhig M, McGrath J, Scott J. Modifiable risk factors for schizophrenia and autism - shared risk factors impacting on brain development. *Neurobiology of Disease Neurobiol Dis*. 2012.
- Harris M, Greaves F, Gunn L, Patterson S, Greenfield G, Car J, Majeed A, Pappas Y. Multidisciplinary group performance – measuring integration intensity in the context of the North west London integrated care pilot. *International Journal of Integrated Care*. 2012.
- Harris M, Greaves F, Patterson S, Jones J, Pappas Y, Majeed A, Car J. The North west London integrated care pilot – innovative strategies to improve care coordination for the elderly and people with diabetes. *Journal of Ambulatory Care Management*. 2012;35(3):216-25. doi: 10.1097/JAC.0b013e31824d15c7.
- Heffernan EB, Andersen K, Whitton G. Prison Populations. In: Lee K, Freeburn B, Ella S, Miller W, Perry J, Conigrave K [editors]. *Handbook for Aboriginal Alcohol and Drug Work*. Sydney: University of Sydney. 2012;385-397.
- Heffernan EB, Anderson K C, Dev A, Kinner S. Prevalence of mental illness among Aboriginal and Torres Strait Islander people in Queensland Prisons. *Medical Journal of Australia*. 2012;197(1):37-41.
- Heffernan EB, Andersen KC, Dev A. Inside Out – The mental health of Aboriginal and Torres Strait Islander people in custody report. 2012. Queensland Government, Brisbane.
- Heffernan EB, Andersen KC, Dev A, Kinner S. Prevalence of mental illness among Aboriginal and Torres Strait Islander people in Queensland Prisons. *Medical Journal of Australia*. 2012;197:137-41.
- Heitmann S, Ferns N, Breakspear M. Muscle co-contraction modulates damping and joint stability in a three-link biomechanical limb. *Frontiers in Neurorobotics*. 2012;5:5.
- Heitmann S, Gong P, Breakspear M. A computational role for bistability and traveling waves in motor cortex. *Frontiers in Computational Neuroscience* 2012;6:67. doi: 10.3389/fncom.2012.00067.
- Hollingsworth K, Callaway L, Duhig M, Matheson S, Scott J. The association between maltreatment in childhood and pre-pregnancy obesity in women attending an antenatal clinic in Australia. *PLoS One*. 2012;7(12):e51868.
- Jacobs A, Butcher B, Emmerson B, Hustig H, Ressler S, Lambert T. Long acting risperidone in Australian patients with chronic schizophrenia: 24-month data from the e-STAR database. *BMC Psychiatry*. 2012;12:25,12:25. <http://www.biomedcentral.com/1471-244X/12/25>.
- Karim M, Harris JA, Morley JW, Breakspear M. Prior and present evidence: How prior experience interacts with present information in a perceptual decision-making task. *PLoS ONE*. 2012;7(5):e37580. doi:10.1371/journal.pone.0037580.
- Lambert S, Girgis A, Turner J, McElduff P, Kayser P, Vallentine P. A pilot, randomised, controlled trial of the feasibility of a self-coping skills intervention for couples facing prostate cancer: Rationale and design. *Health and quality of life outcomes*. 2012;10:119. Doi:10.1186/1477-7525-10-119.
- Langdon A, Breakspear M, Coombes S. Phase-locked cluster oscillations in periodically forced integrate-and-fire-or-burst neuronal populations. *Physical Review E* 86, Issue 6, id. 061903.
- Larsen J, Patterson S et al Implementing personalisation for people with mental health problems: A comparative case study of four local authorities in England. *Journal of Mental Health*. 2012 doi: 10.3109/09638237.2012.734658.
- Lawford BR, Morris CP, Swagell CD, Hughes IP, Young RMCD, Voisey J. NOS1AP is associated with increased severity of PTSD and depression in untreated combat veterans. *Journal of Affective Disorders*. 2012. <http://dx.doi.org/10.1016/j.jad.2012.10.013>.
- Lawford B, Barnes M, Swagell C, Connor J, Burton S, Heslop K, Voisey J, Morris C, Nyst P, Noble E, Young R. DRD2/ANKK1 Taq1A (rs 1800497 C>T) genotypes are associated with susceptibility to second generation antipsychotic-induced akathisia. *Journal of Psychopharmacology*. 2012;October 31.
- Liddle J, Smith-Conway ER, Baker R, Angwin AJ, Gallois C, Copland DA, Pachana NA, Humphreys MS, Byrne GJ, Chenery HJ. Memory and communication support strategies in dementia: Effect of a training program for informal caregivers. *Int Psychogeriatr*. 2012 Dec;24(12):1927-42. doi: 10.1017/S1041610212001366.
- Lo AH, Humphreys M, Byrne GJ, Pachana NA. Test-retest reliability and practice effects of the Wechsler Memory Scale-III. *J Neuropsychol*, 2012 Sep;6(2):212-31. Epub Jan 12. <http://www.ncbi.nlm.nih.gov/pubmed/22257421> doi: 10.1111/j.1748-6653.2011.02023.x.
- Lo AH, Pachana NA, Byrne GJ, Sachdev PS, Woodman RJ. Relationship between changes in body weight and cognitive function in middle-aged and older women. *Int J Geriatr Psychiatry*. 2012;27(8):863-72. <http://www.ncbi.nlm.nih.gov/pubmed/21987451>.
- Lord A, Horn D, Breakspear M, Walter M. Changes in community structure of resting state brain networks in unipolar depression. *PLoS ONE* 2012;7:e41282.
- Martin-Khan M, Flicker L, Wootton R, Loh PK, Edwards H, Varghese P, Byrne GJ, Klein K, Gray LC. The diagnostic accuracy of telegeriatrics for the diagnosis of dementia via video conferencing. *J Am Med Dir Assoc*. 2012;13(5):487 e19-24. <http://www.ncbi.nlm.nih.gov/pubmed/22572552>.

## Publications

- Matheson SF, Byrne GJ, Dissanayaka NN, Pachana NA, Mellick GD, O'Sullivan JD, Silburn PA, Sellbach A, Marsh R. Validity and reliability of the geriatric anxiety inventory in Parkinson's disease. *Australas J Ageing*. 2012;31(1):13-6. <http://www.ncbi.nlm.nih.gov/pubmed/22417148>.
- McEwan TE, Pathé M. *Stalking*. Encyclopaedia of Criminology and Criminal Justice. USA: Springer.
- Morse M, Proctor N. Review: Exploring the role of the mental health nurse-practitioner in the treatment of early psychosis. *Journal of Clinical Nursing*. 2012;20:2702-2711.
- Mullen PE, Pathé M, Purcell R. Clinical management of stalkers and stalking behaviors. *Family and intimate partner violence Quarterly*. 2012;325-40.
- Murphy JA, Byrne GJ. Prevalence and correlates of the proposed DSM-5 diagnosis of chronic depressive disorder. *J Affect Disord*. 2012;139(2):172-80. <http://www.ncbi.nlm.nih.gov/pubmed/22381955>
- Murray CJ, Vos T, Lozano R, Naghavi M, Flaxman AD, Michaud C, Scott J et al. Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990-2010: A systematic analysis for the Global Burden of Disease Study 2010. *Lancet*. 2012;Dec15;380(9859):2197-223.
- Norman RE, Byambaa M, De R, Butchart A, Scott J, Vos T. The long-term health consequences of child physical abuse, emotional abuse, and neglect: A systematic review and meta-analysis. *PLoS Med*. 2012;9(11):e1001349.
- Pachana NA, McLaughlin D, Leung J, Byrne G, Dobson A. Anxiety and depression in adults in their eighties: Do gender differences remain? *Int Psychogeriatr*. 2012;24:145-50. <http://www.ncbi.nlm.nih.gov/pubmed/21777505>.
- Patterson S, Borschmann D, Waller D. Considering referral to art therapy: Responses to referral and experiences of participants in a randomised, controlled trial. *Int Journal of Art Therapy*. 2012;18(1):2-9.
- Paynter J, Scott J, Beamish W, Duhig M, Heussler H. A pilot study of the effects of an Australian centre-based early intervention program for children with autism. *The Open Paediatric Medicine Journal*. 2012;6:7-14.
- Plever S, McCarthy I, Emmerson B, Groves A. Clinical practice improvement payment: Incentives for delivery of quality care. *Australasian Psychiatry*. 2012;20(5):407-12. doi: 10.1177/1039856212460599.
- Purcell R, Mullen PE, Pathé M. What mediates psychopathology in stalking victims? The role of individual-vulnerability and stalking-related factors. *Journal of Forensic Psychiatry and Psychology*. 2012;23(3):361-370.
- Regan TW, Lambert SD, Girgis A, Kelly K, Kayser K, Turner J. Are two better than one? A systematic review of couple-based interventions for couples affected by cancer. *BMC Cancer*. 2012;12:279.
- Roberts G, Green MG, Breakspear M, McCormack C, Frankland A, Wright A, Levy F, Lenroot R, Chan HN, Mitchell. PB-reduced inferior frontal gyrus activation during response inhibition to emotional stimuli in youth at high-risk of bipolar disorder. *Biological Psychiatry*. 2012; doi: org/10.1016/j.biopsych.2012.11.004.
- Ross LJ, Wilson M, Banks M, Rezannah F, Daghli MRC. Prevalence of malnutrition and nutritional risk factors in patients undergoing alcohol and drug treatment. *Nutrition*. 2012;28:738-743.
- Saha S, Scott J, Varghese D, McGrath J. Social support and delusional-like experiences: A nation-wide, population-based study. *Epidemiol Psychiatr Sci*. 2012 Jun;21(2):203-12.
- Saha S, Scott J, Varghese D, McGrath J. Anxiety and depressive disorders are associated with delusional-like experiences: A replication study based on the National Survey of Mental Health and Wellbeing. *BMJ Open*. 2012;2(3).
- Seib CA, Daghli MRC, Heath R, Booker C, Reid C, Fraser F. Screening for alcohol and drug use in pregnancy. *Midwifery*. 2012;28(6):760-4. doi: 10.1016/j.midw.2011.08.003.
- Smith-Conway ER, Baker R, Angwin AJ, Pachana NA, Copland DA, Humphreys MS, Gallois C, Byrne GJ, Chenery HJ. Education strategies in dementia. *Aust Nurs J*. 2012;19(10):35. <http://www.ncbi.nlm.nih.gov/pubmed/22715609>.
- Stark A, Scott J. A review of the use of clozapine levels to guide treatment and determine cause of death. *Aust N Z J Psychiatry*. 2012 Sep;46(9):816-25.
- Travers C, Byrne G, Pachana N, Klein K, Gray L. A prospective, observational study of dementia and delirium in the acute hospital setting. *Intern Med J*. 2012 Sep 24. doi: 10.1111/j.1445-5994.2012.02962.x.
- Van den Berg D, Gong P, Breakspear M, Van Leeuwen C. Fragmentation: Loss of global coherence or breakdown of modularity in functional brain architecture? *Frontiers in Systems Neuroscience*. 2012;6:20. DOI: 10.3389/fnsys.2012.00020.
- Vos T, Flaxman AD, Naghavi M, Lozano R, Michaud C, Ezzati M, Scott J et al. Years lived with disability (YLDs) for 1160 sequelae of 289 diseases and injuries 1990-2010: A systematic analysis for the global burden of disease study. *Lancet*. 2012;Dec15;380(9859):2163-96./12).
- Waghorn G, Childs S, Hampton E, Gladman B, Greaves A, Bowman D. Enhancing community mental health services through formal partnerships with supported employment providers. *American Journal of Psychiatric Rehabilitation*. 2012;15:2:157-180.
- Webster J, Bretherton F, Goulter N, Fawcett L. Does an educational intervention improve the usefulness of HoNOS in an acute mental health setting. *International Journal of Mental Health Nursing*. 2012; DOI: 10.1111/j.1447-0349.2012.00868.x

