

Metro North Mental Health Services



Metro North Mental Health Services

Overview

Metro North Mental Health Services employs more than 800 staff and has an annual budget in excess of \$120 million. 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 at Fortitude Valley, Herston, Rosemount, Aspley, Cherside, Pine Rivers, Nundah, Caboolture and Redcliffe with outreach services to Kilcoy.

Metro North Mental Health provides services across the age spectrum from perinatal, child and adolescent, adult to older persons and a range of specialist services including consultation liaison, forensic, addiction, eating disorders and community mental health including an inner city homeless team. There are 300 inpatient beds including 164 acute inpatient beds with 75 beds at RBWH, 60 beds at TPCH and 29 beds at Caboolture, a 12-bed adolescent unit at RBWH, 20 medium secure beds at TPCH, 60 community care beds at Rosemount, Pine Rivers and Redcliffe, 24 long stay psycho-geriatric beds at Brighton and Redcliffe and 20 state-wide alcohol and drug detoxification beds at RBWH. A further 20 acute care beds and 23 medium secure beds are currently under construction at Caboolture Hospital and will be open early in 2012.

Metro North Mental Health - RBWH provides secondary and tertiary assessment treatment services. It is the busiest Mental Health Service in Queensland and boasts research and teaching links with The University of Queensland, Queensland University of Technology, Griffith University and Australian Catholic University.

We have strengthened our research base considerably this year, developing an interdisciplinary team with complementary expertise and skills. Professor Michael Breakspear (Chair of the QIMR/RBWH Mental Health Research) and Dr James Scott, (Senior Lecturer in Early Psychosis at The University of Queensland and Senior Staff Psychiatrist at RBWH) have been joined by Dr Sue Patterson and Ms Nicole Goulter. Sue who has been appointed as Principal Research Fellow (Mental Health) trained as a psychologist in Queensland and worked clinically and in management before taking up a research career. She comes to us after six years conducting health services research with Imperial College London, with expertise in mixed-methods and qualitative research. Nicole, a nurse educator with substantial mental health clinical experience, was appointed to the Nursing Clinical Academic Fellowship in December 2011. The fellowship is a joint appointment with QUT. Working collaboratively the team are promoting a culture of inquiry and continuous learning within the mental health services. As appropriate to their skills, the research team members are supporting managers and clinicians to incorporate evidence and evaluation in service development and delivery.

Moving into 2012, we will continue to explore opportunities to collaborate with other RBWH departments, staff and consumers and external partners to ensure Metro North Mental Health - RBWH plays a central role in development of services needed to meet the complex needs of our client group.

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 Daghish**
Director, Addiction Psychiatry
- **Dr Vickas 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



Assoc. Prof. Brett Emmerson
Executive Director



Lisa Fawcett
Nursing/Operations
Director (inpatient)

Department of Consultation Liaison Psychiatry

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Dr John Linnane

Director, Consultation
Liaison Psychiatry

Overview

The Consultation Liaison Psychiatry Department of RBWH provides mental health services across the non-mental health divisions of the hospital. Staff in the department are actively involved in clinical research for Cancer Care Services and the Department of Neurology in particular.

Research relates to psychosocial aspects of cancer including the impact of maternal cancer on children. Other studies are randomised trials of psychosocial interventions to improve quality of life and mood in patients with cancer, or patients who have been treated for cancer and have high anxiety about recurrence of cancer.

Research staff

Name	Qualifications	Position	Interests/specialities
Jane Turner	MBBS, PhD, FRANZCP	Assoc. Prof. Discipline of Psychiatry, UQ	psycho-oncology
Dr Sally Matheson	MBBS, FRANZCP	Consultant Psychiatrist	perinatal psychiatry
Dr Rodney Marsh	MBBS, FRANZCP	Consultant Psychiatrist	neuropsychiatry
Dr Jennifer Taggart	MBBS, FRANZCP	Consultant Psychiatrist	neuropsychiatry, Hepatitis C
Jane Whitford	RN, RPN	Clinical Nurse Consultant	perinatal psychiatry

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
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, National Breast Cancer Foundation	\$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	\$718,021	2011-2014
Turner J, Kelly B, Clarke D, Yates P, Aranda S, Jolley D, Chambers S, Hargraves M, McFadyen L	PROMPT study (Promoting Optimal Outcomes in Mood through Psychosocial Therapies: A randomised trial) Application of tailored therapies to reduce distress in cancer patients: A randomised trial	Beyondblue	\$591,305	2010-2012
O'Connorm M, Monteresso L, Jiwa M, Turner J, Halkett G, Garton A	The experiences and psychosocial needs of young children who have a mother living with cancer: A qualitative study	Beyondblue	\$226,846	2010-2012
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 Beyondblue	\$594,310	2009-2012

Publications

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* 2011. DOI: 10.1111/j.1365-2354.2011.01288.

Turner J, Kelly B, Clarke D, Yates P, Aranda S, Jolley D, Hargraves M, Chambers S, McFadyen L. A randomised trial of a psychosocial intervention for cancer patients integrated into routine care: The PROMPT study (promoting optimal outcomes in mood through tailored psychosocial therapies). *BMC Cancer*. 2011;11:48 www.biomedcentral.com/1471-2407/11/48

Eating Disorder Service

Overview

The Eating Disorder Service is a tertiary service which serves as the peak service in Queensland for the treatment of eating disorders for adults. The RBWH Eating Disorder Service incorporates the Eating Disorders Outreach Service (EDOS) and is staffed by a multidisciplinary team that includes a psychiatrist, registrar, nurses, dieticians, psychologists, social workers, and assistants in nursing.

The service has five key aspects to service delivery:

- Five tertiary beds in the RBWH Mental Health Centre
- Outpatient assessment and treatment recommendations
- Outpatient treatment using cognitive behaviour therapy – enhanced (CBT-e)
- Statewide consultation/liaison services
- Education and professional development.

The service maintains a high regard for research and evaluation, and has embarked on an agenda to further develop a culture of research and evaluation among staff and across the service. The goal of this agenda is to support staff in the active participation, presentation, and publication of their work in an effort to share our activities and findings with the broader eating disorder community. Strategies for achieving this goal are as follows:

- Hold monthly research and evaluation meetings within the Service to maintain a research culture within the service, to support staff in their activities, and to identify key projects and funding opportunities.
- Establish and maintain an active relationship with the Principal Research Fellow in Mental Health.
- Support staff to actively participate in undertaking research in both clinical practice and service evaluation, and further encouraging this work to be presented at conferences and published in peer reviewed journals.
- Establish relationships and forge partnerships with a number of Queensland-based universities in an effort to further develop the opportunity and capacity to participate in research and evaluation.
- Develop processes that foster the engagement of students with higher level degrees to participate in research and evaluation through the Eating Disorder Service
- Forge collaborations with external agencies and non-governmental organisations for research and evaluation projects.

It is trusted that in working towards, and achieving these goals, the Eating Disorders Service will play a greater role in contributing to the knowledge base and literature in the field of eating disorder treatment.



Dr Warren Ward
Director, Eating Disorder Service

Research staff

Name	Qualifications	Position	Interests/specialities
Dr Warren Ward	MBBS FRANZCP, GradCertMgmt	Director, Eating Disorder Service	eating disorders
Elaine Painter	BNSc, BA, MPHIC	Team Manager, EDOS	eating disorders, national advocacy
Erin Anderson	BA (Hons Psych), MCLin (Psychology)	Senior Clinical Psychologist	eating disorders, cognitive behaviour therapy, metacognition
Rachel Bellair	BA (Hons Psych), PhD (Psychology)	Senior Clinical Psychologist	eating disorders, team functioning
Johanna Dalton	BNurs, MH (Nurs)	Clinical Nurse	eating disorders, supportive meal therapy
Amanda Davis	BSc, PGDipNutDiet	Senior Dietitian	eating disorders, patient management
Carmel Fleming	BSocWk (Hons), MSW	Educator; Senior Social Worker	eating disorders, cognitive behaviour therapy
Shane Jeffrey	BSc, GradDipNutrDiet	Senior Dietitian	eating disorders, weight management, service evaluation

Research staff

Name	Qualifications	Position	Interests/specialities
Kathryn Peisker	BSc (Nurs), DipFamIntWk	Nurse Unit Manger	eating disorders
Natalie Rhodes	BA (Psychology)	Senior Psychologist	eating disorders, cognitive behaviour therapy
Michelle Roberts	BSocWk, GradDipLaw	Senior Social Worker	eating disorders, families
Catherine Vellacott	BNurs	Clinical Nurse Consultant	eating disorders, inpatient management

Supervised postgraduate students

Name	Current studies	Research topic
Vann A	PhD	Metacognition in eating disorders

Hospital Alcohol and Drug Service

Overview

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

The inpatient arm of the Service comprises a 20-bed ward admitting approximately 1,200 admissions per year, with the majority being for alcohol detoxification. The consultation-liaison service provides advice and assistance to the whole of RBWH, with a similar number of referrals each year.

The Service has particularly close links with the Department of Emergency Medicine, the Psychiatric Emergency Clinic, the Chronic Pain Team and general Mental Health Services. It also provides 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.



Dr Mark Daghli
Director, Addiction Psychiatry

Research staff

Name	Qualifications	Position	Interests/specialities
Dr Mark Daghli	BSc (MedSci), MBChB, MRCPsych, MD, FRANZCP	Director, Addiction Psychiatry; Senior Lecturer	addiction, neuroimaging
Assoc. Prof. Bruce Lawford	MBBS, FRANZCP, FChAM	Visiting Medical Officer; Assoc. Prof. QUT	addiction, anxiety, mood disorders, schizophrenia, genetics
Dr Robert Bell	BMed, FRANZCP, FChAM	Visiting Medical Officer; Senior Lecturer, UQ	nicotine addiction
Michael Wilson	BEd, RN, RPN	Research Clinical Nurse Consultant	nicotine addiction

Supervised postgraduate students

Name	Current studies	Research topic
Low J	DClin Neuropsych	Cognitive functioning during alcohol detoxification
Man-Choi Ho A	PhD	The interactions between personality, genetics, hormone responses and alcohol dependence
Dissabandara L	PhD	Genetics of heroin dependence

Publications

Dissabandara LO, Loxton N, Dias S, Daghli MRC, Stadlin A. Psychometric properties of three personality inventories translated to Sinhalese. *SLJ Psychiatry*. 2011;2(1):13-17.

Voisey J, Swagell CD, Hughes IP, Lawford BR, Young RM, Morris CP. A novel SNP in COMT is associated with alcohol dependence but not opiate or nicotine dependence: A case control study. *Behav Brain Funct*. 2011;7:51.

White MJ, Young RM, Morris CP, Lawford BR. Cigarette smoking in young adults: The influence of the HTR2A T102C polymorphism and punishment sensitivity. *Drug Alcohol Depend*. 2011;114(2-3):140-6.

Domschke K, Lawford B, Young R, Voisey J, Morris CP, Roehrs T, Hohoff C, Birosova E, Arolt V, Baune BT. Dysbindin (DTNBP1): A role in psychotic depression? *Journal of Psychiatric Research*. 2011;45(5):588-95.

Inner North Brisbane Mental Health Service



Dr Vickas Moudgil
Clinical Director,
Inner North Brisbane
Mental Health Service

Overview

Inner North Brisbane Mental Health Service provides mental health assessment treatment services to the 300,000 adults who reside in the Metro North Mental Health - RBWH catchment areas. This 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 2,000 hostel/boarding house beds, three large homeless shelters and two private psychiatric hospitals who frequently refer behaviourally-disordered patients.

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/inpatient 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.

The Service has also established service-wide cognitive behaviour therapy, dialectic behaviour therapy, healthy living and psycho-education programs.

The recent focus has been on improving linkages with primary care, drug and alcohol service, employment services and non-government organisations, particularly those providing disability support, social networking and accommodation.

Research staff

Name	Qualifications	Position	Interests/specialities
Assoc. Prof. Brett Emmerson	MBBS, MHA, FRANZCP, FRACMA	Executive Director	health services research
Dr Vickas Moudgil	MBBS, FRANZCP	Clinical Director, Inner North Brisbane Mental Health Service	health services research
Dr James Scott	MBBS, PhD, FRANZCP	Senior Lecturer in Early Psychosis; Senior Staff Specialist	psychosis, autism, psychological trauma
Ms Nicole Goulter	BN, MMHN, MASC (current)	Clinical Academic Fellow (Nurse Researcher)	mental health, nursing, models of care
Dr Sue Patterson	BSc (Hons), GradCertHlth, DIC, PhD	Principal Research Fellow (Mental Health)	health systems, service delivery, methodology
Dr Justin O'Brien	MBBS, FRANZCP	Consultant Psychiatrist	
Dr Maneesh Dhingra	MBBS, FRANZCP	Consultant Psychiatrist	
Dr Geoffrey Leong	MBBS, FRANZCP	Consultant Psychiatrist	
Dr Goran Zdral	MBBS, FRANZCP	Consultant Psychiatrist	acute care
Dr Vinit Sawhney	MBBS, FRANZCP	Consultant Psychiatrist	homelessness
Dr Anne Stark	MBBS, FRANZCP	Consultant Psychiatrist	acute care
Dr Michael O'Sullivan	MBBS, FRANZCP	Consultant Psychiatrist	
Dr Dilprassen De Silva	MBBS, FRANZCP	Consultant Psychiatrist	
Dr Hugh Levien	MBBS, FRANZCP	Consultant Psychiatrist	
Nathan Dart	RN, RPN, BNurse, MMHN	Nurse Manager	workforce
Glen Williams	BOccThy	Manager, Resource Team	
Kylie Carney	BHSc (OT) (Hons), GradCert (MH Administration)	Manager, Southern Team	
Dianne Tarrant	RPN, MHSc, PGDipMHNsg, BASocSci (Nsg & Psych), DipManagement, CertClinSup	Manager, Homeless Health Outreach Team	
Andrew Patrick	BNurse, PostGradDip (Mental Health)	Manager, Northern Team	
Helen Corbett	BNurse, RPN, PostGrad Dip (Community Mental Health), Credentialed Mental Health Nurse	Nurse Unit Manager, Community Care Unit and Mobile Intensive Rehabilitation Team	

Research staff

Name	Qualifications	Position	Interests/specialities
Marion Gibbons	RPN	Team Manager, Acute Care Team; Clinical Nurse Consultant	
Paul Ruffell	RMN	Clinical Nurse Consultant, Homeless Health Outreach Team	
Gerard McLernon	BNurse, RMN, RGN	Clinical Nurse Consultant, Southern Team	
Peter Turrell	BNurse, MMHN	Clinical Nurse Consultant, Northern Team	
Janis Parish	BSW	Advanced Social Worker	
Michelle Taylor	BOT, MA Research	A/Advanced Occupational Therapist	
Anne Gordon		Clinical Psychologist	social cognition and psychosis
Emily O'Leary	PhD (Psychology Science), Post GradDip (Clinical Psychology), BSc(Psychology)(Hons1)	Advanced Psychologist	

Supervised postgraduate students

Name	Current studies	Research topic
Castellini J	PhD	Emotional regulation in adolescents
Mills N	PhD	The role of cytokines in adolescent depression
Capra C	PhD	An internet-based treatment program for young people with odd or unusual thoughts and/or experiences
Wong A	PhD	Distinguishing dissociative identity disorder from schizophrenia

Achievements and awards

Award	Event	Recipient
Sir Ian McFarlane Award	2011 RBWH Healthcare Symposium	Goulter N

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Scott J, Dark F, Capra C, Stathis S, Turner K, McGrath J	Does exposure to childhood trauma alter the presentation and clinical outcomes of patients with early psychosis?	RBWH Foundation	\$36,000	2011
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 (AI)	Genetic and environmental contributions to the life course of common mental disorders	NHMRC	\$1,474,526.60	2011-2014

Publications

- Duhig MJ, Saha S, Scott JG. Efficacy of risperidone in children with disruptive behavioural disorders. *Journal of Paediatrics and Child Health*. 3 November 2011. (E-pub ahead of print)
- Emmerson B, Moudgil V, Woodbridge A, Burrows D, Kingswell B, Kubler P, McMahon K. A new clinical protocol for the 'Pharmacological management for acute behavioural disturbance'. *Australasian Psychiatry*. 2011;19(5):406-409.
- Emmerson, B., Norrie, P., Patton, M., O'Connor N. 'To be or not to be a Clinical Director'. *Australasian Psychiatry*. *Australasian Psychiatry*. 2011;19(5):415-419.
- Goulter N. *Simulation in Mental Health Education*, ANJ. October 2011.
- Hollingworth SA, Nisse LM, Stathis SS, Siskind DJ, Varghese JM. & Scot, JG. Australian national trends in stimulant dispensing: 2002-2009. *Australian and New Zealand Journal of Psychiatry*. 2011;45(4):332-336.
- McGee T, Scott J, McGrath J, Williams G, O'Callaghan M, Bor W, Najman, J. Young adult problem behaviour outcomes of adolescent bullying. *Journal of aggression, conflict and peace research*, 2011;3(2):115-120.
- Saha S, Scott J, Varghese D, McGrath J. Socio-economic disadvantage and delusional-like experiences: A nationwide, population-based study. (accepted 21/09/2011) *European Psychiatry*. 2011.
- Saha S, J Scott, A Johnston, T Slade, D Varghese, G Carter, J McGrath. The association between delusional-like experiences and suicidal thoughts and behaviour. *Schizophrenia Research*, 2011;132(2-3):197-202.
- Saha S, Scott JG, Varghese D, Degenhardt L, Slade T, McGrath JJ. The association between delusional-like experiences, and tobacco, alcohol or cannabis use: a nationwide population-based survey. *BMC Psychiatry*. 2011;11(1):202.
- Saha S, Scott J, Varghese D. & McGrath J. The association between general psychological distress and delusional-like experiences: A large population-based study. *Schizophrenia Research.*, 2011;127(1-3):246-251.
- Saha S, Scott J, Varghese D, McGrath J. The association between physical health and delusional-like experiences: a general population study *PLoS One*. 2011; 6 4:e18566-1-e18566-5.
- Saha S, Varghese D, Slade T, Degenhardt L, Mills K, McGrath J, Scott J. The association between trauma and delusional-like experiences *Psychiatry Research*. 2011;189(2):259-64.
- Varghese D, Scott J, Welham J, Bor W, Najman J, O'Callaghan M, Williams G, McGrath J. Psychotic-like experiences in major depression and anxiety disorders: A population-based survey in young adults. *Schizophrenia Bulletin*. 2011;37(2):389-393.
- Varghese D, Saha S, Scott J, Chan R, McGrath J. The association between family history of mental disorder and delusional-like experiences: A general population study. *American Journal of Human Genetics Part B: Neuropsychiatric Genetics*. 2011;156B 4:478-483.
- 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*. 2011.

Older Persons' Mental Health Service

Overview

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 University of Queensland (UQ) Discipline of Psychiatry and is actively engaged in teaching students of several disciplines (medical, nursing, psychology, occupational therapy, social work).

Personnel of 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, NHMRC, the Wicking Trust, RBWH Foundation and several private benefactors. OPMHS Director, Professor Gerard Byrne, 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 Professor Byrne and Professor Nancy Pachana, has now been translated into more than a dozen languages and is in widespread use around the world.



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

Research staff

Name	Qualifications	Position	Interests/specialities
Prof. Gerard Byrne	BSc, MBBS, PhD, FRANZCP	Director, Older Persons' 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 Tannenberg	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
Ms Liz Arnold	BNursing	Research Coordinator	Alzheimer's disease
Ms Lyn Isbel	MSW	Research Assistant	Alzheimer's disease
Prof. Nancy Pachana	AB, MA, PhD	Research Collaborator	geropsychology
Dr Nancye Peel	BPhy, MPH, PhD	Research Officer	dementia
Dr Katharine Vearncombe	BPsych, PhD	Research Officer	geropsychology

Supervised postgraduate students

Name	Current studies	Research topic
Goncalves D	PhD	Anxiety in older people
Murphy J	PhD	Treatment resistant depression
Matheson S	PhD	Neonatal SSRI discontinuation syndrome
Lo HY	PhD	Lifestyle factors and cognitive decline
Higgs C	PhD	Vesicular glutamate & 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

Supervised postgraduate students

Name	Current studies	Research topic
Miloyan B	PhD	Executive function during normal ageing
Mills N	PhD	Genetics of cytokine activity in children and adolescents
Maguire P	PhD	Health literacy in people with chronic psychosis
McVie EN	PhD	An analysis of the decisions of the Queensland Mental Health Court
Yasky J	PhD	TBC
Laki P	MPhil	Physical health of dementia carers
Barton J	PhD	Neurophysiology of the blind spot

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
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
Lautenschlager N, Cox K, Almeida O, Flicker L, Ames D, Byrne G, Hill G	A multicentre randomised clinical trial of physical activity for the treatment of patients with mild Alzheimer's disease.	NHMRC 572563	\$687,100	2009-2011
Pachana N, Wilson, Byrne G, Tilse C	Validation of a competency assessment method for persons with dementia	NHMRC 511119	\$547,250	2009-2011

Publications

Almeida OP, Alfonso H, Pirkis J, Kerse N, Sim M, Flicker L, Snowdon J, Draper B, Byren GJ, Goldney R, Lautenschlager NT, Stocks N, Scazufca M, Huisman M, Araya R, Pfaff J. A practical approach to assess depression risk and to guide risk reduction strategies in later life. *International Psychogeriatrics*. 2011;23(2):280-291.

Broughton M, Smith ER, Baker R, Pachana NA, Angwin AJ, Humphreys MS, Mitchell L, Byrne GJ, Copland DA, Gallois C, Hegney D, Chenery HJ. Evaluation of a caregiver education program to support memory and communication in dementia: A controlled, pretest-posttest study with nursing home staff. *International Journal of Nursing Studies*. 2011;36(9):1436-1444. [E-pub ahead of print 2011 Jun 12]

Byrne GJ, Goncalves DC, Arnold E, Appadurai K. Case finding in dementia: Comparative utility of three brief instruments in the memory clinic setting. *International Psychogeriatrics*. Jan 12. [E-pub ahead of print 2011]

Cyarto EV, Cox KL, Almeida OP, Flicker L, Ames D, Byrne GJ, Hill KD, Beer CD, Logiudice D, Appadurai K, Irish M, Reneha E, Lautenschlager NT. The fitness for the ageing brain study II (FABS II): Protocol for a randomised, controlled, clinical trial evaluating the effect of physical activity on cognitive function in patients with Alzheimer's disease. *Trials*. 2010;11:120 [PMID: 21143943]

Frick A, Robins Wahlin T-B, Pachana NA, Byrne GJ. Relationships between the National Adult Reading Test and memory. *Neuropsychology*. 2011;25:397-403.

Goncalves DC, Guedes J, Fonseca AM, Pinto FC, Martin I, Pachana NA, Byrbe GJ. Attitudes, knowledge, and interest: Preparing university students to work in an aging world. *International Psychogeriatrics*. 2011;23(2):315-321.

Goncalves DC, Byrne GJ. Who worries most? Worry prevalence and patterns across the lifespan. *International Journal of Geriatric Psychiatry*. 2012 Feb 28. Doi: 10.1002/gps.3788. [E-pub ahead of print]

Goncalves DC, Byrne GJ. (2012) Sooner or later: Age at onset of Generalised Anxiety Disorder in older adults. *Depression and Anxiety* 29(1):1019-1029. [accepted for publication 02/09/2011] doi: 10.1002/da.20881 [E-pub 2011 Sep 2]

Goncalves DC, Byrne GJ. Interventions for Generalised Anxiety Disorder in older adults: Systematic review and meta-analysis. *Journal of Anxiety Disorders*. 2012;26(1):1-11. [E-pub ahead of print 19/08/2011].

Publications

Hollingworth S, Lie DC, Siskind DJ, BYRNE GJ, Hall WD, Whiteford HD. Psychiatric drug prescribing in elderly Australians: Time for action. *Australian and New Zealand Journal of Psychiatry*. 2011;45:705-708.

Hollingworth S, Byrne GJ. Prescribing trends in cognition enhancing drugs in Australia. *International Psychogeriatrics*. 2011;23(2):238-245.

Kavanagh DJ, Trembath M, Shockley N, Connolly J, White A, Isailovic A, Young RMcd, Saunders JB, Byrne GJ, Connor J. The drug check problem list: A new screen for substance use disorders in people with psychosis. *Addictive Behaviors*. 2011;36:927-932.

Lo AHY, Pachana NA, Byrne GJ, Humphreys MJ. Test-retest reliability and practice effects of the Wechsler Memory Scale-III. *Journal of Neuropsychology*. 2012; Jan 12. Doi: 10.1111/j.1748-6653.2011.02023.x [E-pub ahead of print]

Lo AHY, Pachana NA, Byrne GJ, Sachdev PS, Woodman RJ. Relationship between changes in body weight and cognitive function in middle aged and older women. *International Journal of Geriatric Psychiatry*. Oct 11. [E-pub ahead of print] DOI:10.1002/gps.2797

Maguire PA, Reay RE, Looi JCL, Cubis J, Byrne GJ, Raphael B. Neither the internist nor the internet: Use of and trust in health information sources by people with schizophrenia. *Australian and New Zealand Journal of Psychiatry*. 2011;5:489-497.

Murphy JA, Byrne GJ. Prevalence and correlates of the proposed DSM-5 diagnosis of Chronic Depressive Disorder. *Journal of Affective Disorders*. 2012;Feb 29. [E-pub ahead of print].

Pachana NA. Development and validation of a short form of the Geriatric Anxiety Inventory. *International Psychogeriatrics*. 2011;23(1):125-131.

Robins Wahlin T-B, Byrne GJ (2011) Cognition in Huntington's disease. In Tunali NE (Ed.) *Huntington's Disease*. Rijeka, Croatia: InTech [book chapter]

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Queensland Forensic Mental Health Service



Dr Ed Heffernan

Director, Queensland Forensic
Mental Health Service

Overview

The Queensland Forensic Mental Health Service (QFMHS) (RBWH) aims to be a leading research authority on people with a mental illness who are 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 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 (e.g. universities) and research bodies, and the service has strong relationships with universities such as The University of Queensland, 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 (e.g. 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.

Research staff

Name	Qualifications	Position	Interests/specialities
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	BSS (Psych), PgDipPsych, DPsych (Forensic)	Program Coordinator, Postgraduate Training	denial in child sexual offenders, quality of admission in child sexual offenders across the judicial system: offender, victim and offence characteristics
Dr Bob Green	BSocWk, MSW, PhD (Psych)	Program Coordinator, Statewide Community Risk Management Program	risk assessment, arson and reoffending
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, CertForensic Psych, GradDipForBehSci	Forensic Psychiatrist	court liaison assessment screen for stalkers
Tamara Smith	PhD candidate	A/Senior Psychologist	intellectual disability
Dr Sue Boyce	BSocSci, GrapDipPsych, DPsych-Forensic	Psychologist, Community Forensic Outreach Service	high-risk psychotic phenomena
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, GradDipMental Health, MSocialSc (Health)	Program Coordinator, Research and Evaluation	sedating psychotropic medication in custodial settings, forensic mental health
Robert Pedley		Continuity of Care Coordinator	transition of mentally ill prisoners returning to the community

Research staff

Name	Qualifications	Position	Interests/specialities
Bernadette McDermott	BSc, Hons (Psych), PGCE, GradDip Health Management	Team Manager, CFOS	national forensic benchmarking
Bruce Hamilton	BArts (Psych), Psych(Hons), CertIV WTA	Program Coordinator, Statewide DFLO Network	detachment from the workplace

Supervised postgraduate students

Name	Current studies	Research topic
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, Griffith University	Psychological detachment from workplace
Smith T	PhD	The development and validation of the intellectual and cognitive impairment screen
Denton M (on secondment)	PhD	Transition of mentally ill prisoners returning to the community

Publications

McEwan TE, Pathé M, Ogloff JRP. Advances in stalking risk assessment. BehSciLaw. 2011.DOI:10.1002/bsl

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QIMR/RBWH Mental Health Research Division



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

Overview

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.

Beneath such lofty goals are a bunch of often gruelling, specific and highly technical details to which we are also happy to devote time and endless cups of coffee.

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

Research staff

Name	Qualifications	Position	Interests/specialities
Prof. Michael Breakspear	BA (Hons), BSc (Hons), MBBS, 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 postgraduate students

Name	Current studies	Research topic
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
Karim M	PhD	Brain networks in perceptual decision making
Lord A	PhD	Biology of depression
Hyett M	PhD	Course and expression of melancholia

Achievements and awards

Award	Event	Recipient
Fullbright Scholarship	NA	Langdon A
Clinical Researcher Award, Australian Society for Medical Research	NA	Breakspear M

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Breakspear M	Autonomous systems and control of the hand	Australian Research Council	\$3.3 million	2006-2011
Breakspear M	Orientation-specific modulation in human visual cortex	Australian Research Council	\$279,250	2009-2011
Breakspear M	Brain Network Recovery Group	James McDonnell Foundation, USA	\$3 million	2011-2014
Breakspear M	Identifying determinants of both the origins and progression of the depressive and bipolar (mood) disorders	NHMRC program grant (CI)	\$ 7 million	2012-2016

Publications

- Breakspear M, McIntosh AR. Networks, noise and models: Reconceptualising the brain as a complex, distributed system. *NeuroImage*. 2011;58:293-295.
- Ehnvall A, Mitchell PB, Hadzi-Pavlovic D, Loo C, Breakspear M, Wright A, Roberts G, Frankland A, Corry J. Pain and rejection sensitivity in bipolar depression. *Bipolar Disorders*. 2011;13:59-66.
- Freyer F, Roberts JA, Becker R, Robinson PA, Ritter P, Breakspear M. Dynamic mechanisms of multistability in the human alpha rhythm. *Journal of Neuroscience*. 2011;31:6353-6361.
- Kochan NA, Breakspear M, Valenzuela M, Slavin MJ, Brodaty H, Wen W, Trowell JN, Turner A, Crawford JD, Sachdev PS. Cortical responses to a graded working memory challenge predict functional decline in mild cognitive impairment. *Biological Psychiatry*. 2011;70:123-130.
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- Rubinov M, Bassett DS. Emerging evidence of connectomic abnormalities in schizophrenia. *Journal of Neuroscience*. 2011;31:6263-6265.
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- Rubinov M, Sporns O, Thivierge J-P, Breakspear M. Neurobiologically realistic determinants of self-organised criticality in networks of spiking neurons. 2011 *PLoS Comput Biol* 7: e1002038.
- Schultze-Kraft M, Becker R, Breakspear M, Ritter P. Exploiting the potential of three dimensional spatial wavelet analysis to explore the nesting of temporal oscillations and spatial variance in simultaneous EEG-fMRI data. *Progress in Biophysics and Molecular Biology*. 2011;105:67-79.