



2022

RBWH Research Report

**MENTAL HEALTH
SERVICES**

Contents

Metro North Mental Health..... 3

Published by the State of Queensland (Metro North Hospital and Health Service), December 2023

This document is licensed under a Creative Commons Attribution 3.0 Australia licence.
To view a copy of this licence, visit creativecommons.org/licenses/by/3.0/au

© State of Queensland (Metro North Hospital and Health Service) 2022

You are free to copy, communicate and adapt the work, as long as you attribute the State of Queensland (Metro North Hospital and Health Service).

For more information, contact:

RBWH Research Services, Metro North Hospital and Health Service, Building 34, Level 1, South Wing, Herston QLD 4006, email rbwh-research-admincoord@health.qld.gov.au

An electronic version of this document is available at <https://metronorth.health.qld.gov.au/research/research-reports>

Disclaimer:

The content presented in this publication is distributed by the Queensland Government as an information source only. The State of Queensland makes no statements, representations or warranties about the accuracy, completeness or reliability of any information contained in this publication. The State of Queensland disclaims all responsibility and all liability (including without limitation for liability in negligence) for all expenses, losses, damages and costs you might incur as a result of the information being inaccurate or incomplete in any way, and for any reason reliance was placed on such information.

Metro North Mental Health



Dr Kathryn Turner
Executive Director

2022 was another successful year for Metro North Mental Health Research with 109 peer review publications, 58 presentations at various events, and over \$500,000.00 awarded in competitive grant funding. These achievements are the direct result of the dedication and commitment of Metro North Mental Health staff, including Alcohol and Drug Service. Their hard work during yet another stressful and high-pressure year allowed them to manage the ever-increasing demands and pressures on our mental health services whilst also producing high-quality research and quality improvement outcomes. Below we briefly describe just a few of the many highlights for the year:

In 2022 Metro North Mental Health hosted the inaugural Research Symposium at QIMR Berghofer Medical Research Institute. The Symposium celebrated mental health research conducted not only at the RBWH but across the Metro North Mental Health Services including the Prince Charles Hospital, Redcliffe Caboolture Hospital, Alcohol and Drug Services, Queensland Eating Disorder Service, and Forensic Mental Health Services. The event was well received by its 67 in-person attendees with more attending online. Plans are currently underway for the 2023 Symposium.

Recruitment also began for the development of a communication training program for mental health professionals that focuses on developing cultural sensitivity and capability that enhances the delivery of accessible and responsive services and improved health outcomes for Aboriginal and Torres Strait Islander consumers accessing Queensland health mental health services. Led by Aboriginal and Torres Strait Islander researchers from QIMR Metro North Mental Health is a site for the \$2.8 Million NHMRC grant which received funding in 2022. The first stage of this 4-year project is a series of focus groups with Metro North Mental Health Staff to share their experiences about communication with Aboriginal & Torres Strait Islander patients which will inform the development of the training program.

The Alcohol and Drug Services Nurse-led Take Home Naloxone (THN) Training Project was another highlight for Metro North Mental Health. Take home naloxone involves self-administered kits that reverse the effects of an opioid overdose. This project saw all mental health nurses at the Royal Brisbane and Women's Hospital, the Prince Charles Hospital, and Redcliffe Caboolture Hospital receive training to deliver the THN program to clients. The findings from the Metro North Pilot were presented at local and national forums triggering the implementation of THN training in various HHS and NGOs and was recognised for Excellence in Innovation at the Metro North Mental Health Staff Excellence Awards.

2022 saw the successful completion of a national consultation with people with lived and living experience discussing the National Statement of Principles for Forensic Mental Health. These principles have not been updated or reviewed since their publication in 2006. The project team conducted an online survey and fifteen workshops to inform the recommendation made to the National Mental Health Commission. With funding support from the National Mental Health Commission, the project involved a partnership of Queensland Forensic Mental Health Service, Queensland Centre for Mental Health Research, University of Melbourne, Mental Health Matters 2 Inc., and Murdoch Children's Research Institute. This work was the first of its kind and we hope to see real world outcomes in future National Principles.

Research Awards and Achievements

Recipient (RBWH staff in bold)	Award	Event
Fiona Hope, Maddison Campbell, Marion Fuller, Kylie Burke , Andrew Teodorczuk, Conor O'Luanaigh, Peta Griffin, Michelle Stanley	Highly Commended Award (people focus)	MNMH Staff Excellence Awards
Fiona Hope, Maddison Campbell, Marion Fuller, Kylie Burke , Andrew Teodorczuk, Conor O'Luanaigh, Peta Griffin, Michelle Stanley	Highly Commended Award (Innovation)	TPCH Staff Excellence Awards
James Scott	Travelling Scholarship	RANZCP (Victorian Branch)
James Scott	Clarivate Highly Cited Researcher Award	N/A
Laura Freeburn and Tegan Louttit	Consumer Carer Choice Award	Metro North Mental Health Research Symposium
Louise Durant, Hoi Yan Karen Li, Niall Higgins , Jeremy Hayllar	Best presentation	Metro North Research Forum 2022
Louise Durant, Hoi Yan Karen Li, Niall Higgins , Jeremy Hayllar	Best Free Paper Presentation	Metro North Mental Health Research Symposium
Louise Durant, Hoi Yan Karen Li, Niall Higgins , Jeremy Hayllar	Winner – Excellence in Innovation	MNMH Staff Excellence Awards
Niall Higgins	General Award for the best paper presented reporting on project work	46th International Mental Health Nursing Conference
Ruby Cole	Best Rapid Fire Presentation	Metro North Mental Health Research Symposium

Research Grants

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
Amminger, P., McGorry, P., Lin, A., Yung, A., Nelson B., Wood, S., Berger, M., Killackey, E., Thompson, A., O'Donoghue B., Scott, J. , Clarke, S., McGregor, I., Yuen, H.,	Mental Health	The Cannabidiol Early Psychosis Project: A Randomised Controlled Trial.	Wellcome Trust	\$6,286,731.00	4 years, 2021-2025

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
Eapen, V., Liaw, S., Pritchard, M., Lingam, R., Woolfenden, S., Jalaludin, B., Page, A., Kohlhoff, J., Scott, J. , Lawson, K.	Mental Health	“Watch Me Grow”: Changing practice to improve Universal Child Health and Developmental Surveillance in the primary care setting”	National Health and Medical Research Council	\$1,195,014.00	3 years, 2020-2022
Heffernan, E., Williams, M., Harden, S., Scott, J. , Watson, M., Stathis, S., Kinner, S., Meurk, C., Steele, M., Pratt, G.	Mental Health	IMHIP-Youth: A multi-disciplinary collaboration to embed and evaluate a model of social and emotional wellbeing care for Indigenous adolescents who experience detention	Medical Research Future Fund (MRFF).	\$1,988,280.32	2 years, 2021-2023
Hielscher, E., Scott, J. G. , Crandon, T.	Mental Health	Fostering sense of purpose in young people to prevent anxiety and depression.	Wellcome Trust	\$83,000.00	1 years, 2021-2022
Higgins, N.	USQ	Patient vital signs monitoring via RFID motion sensing	Metro North Mental Health Service	\$8,566.91	6 years, 2018-2023
Najman, J. M. , McGee, T., Farrington, D., Scott, J.G. , Williams, G. M., Clavarino, A., Middeldorp, C.	Mental Health	Child & Adolescent Victimization: Prevalence & Predictors in Australia,	Australian Research Council.	\$560,468.00	3 years, 2020-2022
Pratt, G, Combo, M; Bernards, C; Ekberg, S; Isua, J; Medlin, L; Burke, K ; Birch, S; Meuter, R; Mushin, I; Scott, J ; Toombs, M; Williamson, D; Douglas, T; Alchin, D ; Henaway, C ; Bean, N; Williams, H.	Mental Health	Communication training for mental health professionals: developing cultural sensitivity and capability to improve Aboriginal and Torres Strait Islander people mental health outcomes	NHMRC	\$2,844,349.72M	4 years, 2022-2026
Rajib Rana, Higgins, N.	USQ	Using Artificial Intelligence to prioritise emergency calls for suicide prevention due to COVID-19 pandemic	Advance Queensland Industry Research Fellowships	\$300,000.00	4 years, 2020-2023

Current RBWH Department / Research Group Led Research Activity

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Burke, K.	Giebels, E; Higgins, N; Soares, T	A systematic review of models of service that care for adults experiencing serious mental illness in secure rehabilitation facilities	N/A
Burke, K.	Dittman, C. K., Forbes, E. J., & Egging, E.	A systematic review and meta-analysis of randomised controlled trials evaluating the impact of parenting programmes for parents of adolescents (10–18 years) on adolescent mental health outcomes, positive development and the parent–adolescent relationship.	N/A
Cole, R.	Park, M. , Gurunathan, K.	PRIMROSE: a new way to assess cardiovascular risk in patients with severe mental illness?	215
Eapen, V.	Liaw, S., Pritchard, M., Lingam, R., Woolfenden, S., Jalaludin, B., Page, A., Kohlhoff, J., Lawson, K., Scott, J. ,	Watch Me Grow: Changing practice to improve Universal Child Health and Developmental Surveillance in the primary care setting	N/A
Elliott, S.	Scott, J., Vickers, M., Mckeen, G., Malacova, E., Eriksson, L.	Iron and neurodevelopmental disorders: a Systematic Review	N/A
Gowlett, S.	N/A	Single Session Family Work	50
Higgins, N.	Duff, J. , Chataway, M., Johnston, S., Fox, A.	Violence Prevention app	N/A
Higgins, N.	Rana, R., Ibrahim, I.	Improving the Robustness of Automatic Speech Emotion Recognition System against Adversarial Attack	
Kennedy, A.	Park, M.	Audit on use of Clopixol Acuphase® (zuclopenthixol acetate) for Acute Behavioural Disturbance Management in mental health in-patients	29
Kym Boon		Service evaluation of an interdisciplinary model of care for the management of repeated intentional foreign body ingestion in patients with Emotionally Unstable Personality Disorder	
Kym Boon		Experiences of moral distress among health care professionals in oncology and palliative care in Australia: A Qualitative investigation.	
Lynne Heyes		Burns Survivors Offering Assistance in Recovery (SOAR).	4
Mercier, S.	Bowman, D., Moudgil, V., Patrick, A. , Townley, J., Gunasekara, I., Burke, K.	Management of Long-Acting Injectables and Primary Care	13
Scott, J. ,	Greer, J., CADENCE Group	High risk for autoimmune psychosis	
Scott, J. ,	Baker, A	Cadence Discovery: A dose finding study of sodium benzoate in schizophrenia	30

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Scott, J.,	Erskine, H.	National Adolescent Mental Health Surveys (NAMHS) - Kenya – National Adolescent Mental Health Survey (K-NAMHS) - Indonesia – National Adolescent Mental Health Survey (I-NAMHS) - Vietnam – National Adolescent Mental Health Survey (V-NAMHS)	N/A
Scott, J.,	McKeon, G., De Luchi, D., Eriksson, L.	A systematic review of lay interviewer administered instruments to diagnose mental disorders in children and adolescents	N/A
Scott, J.,	Erskine, H., Gardner, M., Blake, J.	Data linkage between MUSP and the National Death Index	N/A
Vickers, M.	Ramineni, V., Malacova, E., Eriksson, L., McMahon, K., Moudgil, V., Scott, J., & Siskind, D	Risk factors for Clozapine induced cardiac adverse events: A systematic review and meta-analysis	N/A
Vickers, M.	Choi, Y. K., Eriksson, L., Polyakova-Nelson, Y., Jokovic, Z., Parker, S. D., Moudgil, V., Dean, J. A., Debattista, J., & Scott, J. G.	Sexual and Reproductive Health in Adolescents and Young Adults with Psychotic Disorders: A Scoping Review.	N/A

Collaborative Research Activity Involving RBWH Department / Research Group

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Agarwal, I.,	O'Lunaigh, C., O'Brien, I., Jones, L., Bruce, R., Thaw, L.L. and Higgins, N	Prevalence of loneliness in community dwelling older adults with co-morbid mental health problems	61
Beesley, V	Scott, J.	PARTING: Psilocybin-Assisted supportive psychotherapy in the treatment of complicated Grief	N/A
Bonevski, B.,	Baker, A., Manning, V., Gartner, C., Walker, N., Segan, C., Bullen, C., Oldmeadow, C., Bauld, L., Dunlop, A., Daglish, M.R.C.	Project NEAT: A randomised controlled trial to examine the efficacy of Vaporised nicotine products and telephone quitline support compared with nicotine replacement therapy and telephone quitline support when used following discharge from a residential withdrawal service	150
Crandon, T.	Scott, J., Thomas, H., Charlson, F.	Validating a climate anxiety scale for youth	N/A
Crandon, T.	Scott, J., Thomas, H., Charlson, F.	Australian adolescents views and experiences of climate anxiety (How I Feel about Climate Change Survey)	N/A
Daglish, M.R.C.	Hayllar, J., Reilly, S., Mostafa, S.	Cytochrome P450 2D6 (CYP2D6) testing in patients with a Codeine Use Disorder	N/A
Daglish, M.R.C.	Hayllar, J., McDonough, M.	Long Acting Injectable Buprenorphine: Doses and Dosing	N/A
Duff, J.,	Chataway, M., Johnston, S., Fox, A., Higgins, N.	Testing a novel approach for studying the incidence, fear, and perceived risk of occupational violence among nurses and midwives.	N/A

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Healy, K	Scott, J. , Thomas, H.	Pilot and Feasibility RCT of a cognitive behavioural family intervention for reducing bullying victimisation and mental illness of adolescents	N/A
Hielscher, E.	Scott, J. , Hielscher, E., Crandon, T. Blake, J. , Chang, I.	Active Ingredient Project (sense of life purpose review)	N/A
Hielscher, E.	Scott, J. , Chang, I., Blake, J. , Giebels, E.	Youth Self-harm Atlas: Mapping the regional variability of non-suicidal self-harm and suicide attempts in Australian adolescents	N/A
Hossain, E	Rana, R., Turner, K. , Pisani, T. and Higgins, N.	Natural Language Processing and AI/ML-enabled State-of-the-Art Method in Health Informatics: A Systematic Review and Future Directions	N/A
Meurk, C.	Scott, J. , Hielscher, E., Heffernan, E., Wittenhagen, L.	Partners in Prevention (PiP) project. Data linkage of suicide-related police/ambulance calls	N/A
Pleaver, S.	Blake, J.	Optimising Smoking Cessation Care (OSCC): improving smoking cessation care for people with serious mental illness	80
Rana, R.	Haque, K. and Higgins, N.	Automated Mood Inference Tool	10
Rana, R.,	Higgins, N. Pisani, A.R., O'Connor, R., Joshi, H., McCarthy, I. and Turner, K	AI-assisted Summarisation of Consumer History ('ASCH'): A Quality Improvement initiative for Suicide Prevention Practice	N/A
Rana, R.,	Haque, K. and Higgins, N.	In-call distress inference for effective triaging in emergency response services	N/A
Shaik, T.,	Xiaohui T., Higgins N. , Gururajan R. and Zhou X.	Review on Remote Patient Monitoring using Artificial Intelligence: Current Trends, Methodologies and Challenges	N/A
Shaik, T.,	Tao, X., Higgins, N. , Gururajan, R., Zhou, X. and Acharya, U.R.	FedStack: Personalized Activity Monitoring using Stacked Federated Learning	N/A
Shaik, T.,	Tao, X., Higgins, N., Gururajan, R., Li, Y., Zhou, X. and Acharya, U.R	Quantitative interpretability using Shapley value for prediction of vital signs in physical activities'	10
Zhang, L. Y	Anderson, J., Higgins, N. , Robinson, J., Francey, S., Burke, A., Robinson, G., Curtin, D., & Tay, G.	Screening for Obstructive Sleep Apnoea in Mental Health Patients	65

Research Activity With a Specific Focus on First Nations People

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Cole, R.	Park, M. , Gurunathan, K.	PRIMROSE: a new way to assess cardiovascular risk in patients with severe mental illness?	215
Pratt, G	Combo, M; Bernards, C; Ekberg, S; Isua, J; Medlin, L; Burke, K ; Birch, S; Meuter, R; Mushin, I; Scott, J ; Toombs, M; Williamson, D; Douglas, T; Alchin, D ; Henaway, C ; Bean, N; Williams, H.	Communication training for mental health professionals: developing cultural sensitivity and capability to improve Aboriginal and Torres Strait Islander people mental health outcomes	n/a

Research Publications

Authors

Investigator	ORCID ID
Professor James Scott	https://orcid.org/0000-0002-0744-0688
A/Prof Niall Higgins	https://orcid.org/0000-0002-3260-1711
Prof Gerard J Byrne	https://orcid.org/0000-0001-8259-3812
Dr Subramanian Purushothaman	https://orcid.org/0000-0002-1431-6888
Dr Mark Daghish	https://orcid.org/0000-0002-1787-4375
A/Prof Kylie Burke	https://orcid.org/0000-0003-4246-0120
Dr Kathryn Turner	https://orcid.org/0000-0002-8828-5260
Erika Giebels	https://orcid.org/0000-0002-7372-3117
Dr Mark Vickers	https://orcid.org/0000-0002-2831-404X
Julie Blake	https://orcid.org/0000-0002-8062-4029

Publications in 2022

Journal Articles (RBWH staff in bold)

1. Amminger GP, Lin A, Kerr M, Weller A, Spark J, Pugh C, **Scott J** et al. Cannabidiol for at risk for psychosis youth: A randomized controlled trial. *Early Interv Psychiatry*. 2022;16(4):419-32.
2. Bennetts SK, Crawford SB, Howell T, Ignacio B, Burgemeister F, **Burke K**, et al. Companionship and Worries in Uncertain Times: Australian Parents' Experiences of Children and Pets During COVID-19. *Anthrozoös*. 2022;ahead-of-print(ahead-of-print):1-14.
3. Bennetts SK, Crawford SB, Howell TJ, Burgemeister F, Chamberlain C, **Burke K**, et al. Parent and child mental health during COVID-19 in Australia: The role of pet attachment. *PLoS One*. 2022;17(7):e0271687.
4. Biswas T, Thomas HJ, **Scott JG**, Munir K, Baxter J, Huda MM, et al. Variation in the prevalence of different forms of bullying victimisation among adolescents and their associations with family, peer and school connectedness: a population-based study in 40 lower and middle income to high-income countries (LMIC-HICs). *J Child Adolesc Trauma*. 2022;15(4):1029-39
5. **Blake JA**, Pelecanos A, Najman JM, Callaway L, **Scott JG**. The association between birth by caesarean section at term and offspring cognitive and academic performance: A birth cohort study. *Aust N Z J Obstet Gynaecol*. 2022;62(2):226-33.
6. Bonevski B, Rich JL, Skelton E, Garfield J, Baker AL, Segan C, et al. NEAT (NicotinE As Treatment) Trial: Protocol of a randomised controlled trial of vaporised nicotine products compared with nicotine replacement therapy following discharge from residential withdrawal services. *medRxiv*. 2022:2022.05.15.22275118.
7. Brimelow R, Beattie E, **Byrne G**, Dissanayaka N. Frequency of changed behaviours in residential aged care and common mitigation strategies - A retrospective review of behavioural report logs. *J Clin Nurs*. 2022.
8. **Byrne GJ**. Health anxiety in older people. *Int Psychogeriatr*. 2022;34(8):687-8.
9. **Byrne GJ**. Rasch modelling of IQCODE scores in people with dementia. *International psychogeriatrics*. 2022:1-5.
10. Chainey C, **Burke K**, Haynes M. Does Parenting Moderate the Association Between Adverse Childhood Experiences and Adolescents' Future Orientation? *Journal of child and family studies*. 2022;31(9):2359-75.
11. Chainey C, **Burke K**, Haynes M. Positive Development and Parenting in the Face of Adversity: A Survey of Emerging Adults. *Adversity and Resilience Science*. 2022.
12. Cohn SL, Mohan A, Lappin JM, Curtis J, **Scott JG**. Anti-N-Methyl-d-Aspartate Receptor Antibody Testing in First-Episode Psychosis: Universal or Targeted Testing. *J Neuropsychiatry Clin Neurosci*. 2022:appineuropsych21080214.

Journal Articles (RBWH staff in bold)

13. Crandon TJ, Dey C, **Scott JG**, Thomas HJ, Ali S, Charlson FJ. The clinical implications of climate change for mental health. *Nat Hum Behav.* 2022;6(11):1474-81.
14. Crandon TJ, **Scott JG**, Charlson FJ, Thomas HJ. A social–ecological perspective on climate anxiety in children and adolescents. *Nature climate change.* 2022;12(2):123-31.
15. Denissoff A, Mustonen A, Alakokkare AE, **Scott JG**, Sami MB, Miettunen J, et al. Is early exposure to cannabis associated with bipolar disorder? Results from a Finnish birth cohort study. *Addiction.* 2022.
16. Denissoff A, Mustonen A, Miettunen J, Alakokkare AE, Veijola J, **Scott JG**, et al. Trajectories of adolescent psychotic-like experiences and early cannabis exposure: Results from a Finnish Birth Cohort Study. *Schizophr Res.* 2022;246:95-102.
17. Denissoff A, Niemelä S, **Scott JG**, Salom CL, Hielscher E, Miettunen J, et al. Does cannabis use in adolescence predict self-harm or suicide? Results from a Finnish Birth Cohort Study. *Acta Psychiatr Scand.* 2022;145(3):234-43.
18. Dissanayaka NN, Forbes EJ, Yang JHJ, Pourzinal D, O'Sullivan JD, Mitchell LK, **Byrne G** et al. Anxiety disorders are associated with verbal memory impairment in patients with Parkinson's disease without dementia. *J Neurol.* 2022;269(3):1600-9.
19. Dittman CK, **Burke K**, Haslam D, Ralph A. Assessing Adolescent Functioning from Different Perspectives: Extending the Validation of the Adolescent Functioning Scale (AFS). *Child Psychiatry Hum Dev.* 2022.
20. Durant L, Li HK, Hayllar J, **Higgins N**. Nurses saving lives through opioid overdose prevention: A pilot study. *Australian nursing & midwifery journal.* 2022;27(8):42-3.
21. Eapen V, Liaw S-T, Lingam R, Woolfenden S, Jalaludin B, Page A, et al. Watch me grow integrated (WMG-I): protocol for a cluster randomised controlled trial of a web-based surveillance approach for developmental screening in primary care settings. *BMJ open.* 2022;12(8):e065823-e
22. Essex R, Kalocsányiová E, **Scott JG**, Pacella R. Health of children in Australian immigration detention centres: An analysis of the quarterly health reports from 2014 to 2017. *J Paediatr Child Health.* 2022.
23. Ferrari AJ, Santomauro DF, Herrera AMM, Shadid J, Ashbaugh C, Erskine HE, et al. Global, regional, and national burden of 12 mental disorders in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Psychiatry.* 2022;9(2):137-50.
24. Gossip K, John J, Comben C, Page I, Erskine HE, **Scott JG**, et al. Key service components for age-appropriate mental health service planning for young adults. *Early Interv Psychiatry.* 2022;16(10):1085-93.
25. Healy KL, Thomas HJ, Sanders MR, **Scott JG**. Empirical and theoretical foundations of family interventions to reduce the incidence and mental health impacts of school bullying victimization. *Int Rev Psychiatry.* 2022;34(2):140-53.
26. Jadambaa A, Graves N, Cross D, Pacella R, Thomas HJ, **Scott JG**, et al. Economic Evaluation of an Intervention Designed to Reduce Bullying in Australian Schools. *Appl Health Econ Health Policy.* 2022;20(1):79-89.
27. Johnson JCS, **Byrne GJ**, Pelecanos AM. The prevalence of subthreshold psychiatric symptoms and associations with alcohol and substance use disorders: from a nationally representative survey of 36,309 adults. *BMC Psychiatry.* 2022;22(1):270.
28. Kisely S, Siskind D, **Scott JG**, Najman JM. Self-reported child maltreatment and cardio-metabolic risk in 30-year-old adults. *Intern Med J.* 2022.
29. Martin E, Maher H, McKeon G, Patterson S, **Blake J**, Chen KY. Long-acting injectable buprenorphine for opioid use disorder: A systematic review of impact of use on social determinants of health. *J Subst Abuse Treat.* 2022;139:108776.
30. Mathews B, MacMillan HL, Meinck F, Finkelhor D, Haslam D, Tonmyr L, et al. The ethics of child maltreatment surveys in relation to participant distress: Implications of social science evidence, ethical guidelines, and law. *Child Abuse Negl.* 2022;123:105424-.
31. McKeon G, **Scott JG**. Smoke and mirrors: Support from psychiatrists for nicotine e-cigarette availability in Australia. *Aust N Z J Psychiatry.* 2022:48674221126458.
32. McKeown L, **Burke K**, Cobham VE, Kimball H, Foxcroft K, Callaway L. The Prevalence of PTSD of Mothers and Fathers of High-Risk Infants Admitted to NICU: A Systematic Review. *Clin Child Fam Psychol Rev.* 2022.
33. Mihalopoulos C, Chen G, **Scott JG**, Bucholz J, Allen C, Coghill D, et al. Assessing outcomes for cost-utility analysis in children and adolescents with mental health problems: Are multi-attribute utility instruments (MAUIs) fit for purpose? *Value Health.* 2022.
34. Morris D, Svetcic J, Grice D, **Turner K**, Graham N. Collaborative Approach to Supporting Staff in a Mental Healthcare Setting: "Always There" Peer Support Program. *Issues Ment Health Nurs.* 2022;43(1):42-50.
35. Munday J, **Higgins N**, Mathew S, Dalgleish L, Batterbury AS, Burgess L, et al. Nurse-led randomised controlled trials in the perioperative setting: A scoping review. *Journal of perioperative nursing.* 2022;35(1).

Journal Articles (RBWH staff in bold)

36. Mustonen A, Alakokkare AE, **Scott JG**, Halt AH, Vuori M, Hurtig T, et al. Association of ADHD symptoms in adolescence and mortality in Northern Finland Birth Cohort 1986. *Nord J Psychiatry*. 2022:1-7.
37. Najman JM, Clavarino AM, McGee TR, Middeldorp CM, Williams GM, **Scott JG**. Do adversities experienced over the early life course predict mental illness and substance use behaviour in adulthood: A birth cohort study. *J Psychiatr Res*. 2022;155:542-9.
38. Najman JM, **Scott JG**, Farrington DP, Clavarino AM, Williams GM, McGee TR, et al. Does Childhood Maltreatment Lead to Low Life Success? Comparing Agency and Self-Reports. *J Interpers Violence*. 2022:8862605221090565-.
39. Najman JM, **Scott JG**, Williams GM, Clavarino AM, Kisely S, McGee TR. Predicting Child Maltreatment over the Early Life Course: A Prospective Study. *Child Psychiatry Hum Dev*. 2022;53(4):701-14
40. Pacas Fronza G, Liddle J, Mitchell LK, **Byrne GJ**, Pachana NA, Dissanayaka NN. Phenomenology of anxiety in people living with mild to moderate dementia: A conceptual meta-ethnographic review. *Dementia (London)*. 2022;21(8):2677-99.
41. Pagliaro C, Pearl M, Lawrence D, **Scott JG**, Diminic S. Estimating demand for mental health care among Australian children and adolescents: Findings from the Young Minds Matter survey. *Aust N Z J Psychiatry*. 2022;56(11):1443-54.
42. Pekin C, McHale M, Seymour M, Strodl E, Hopkins G, Mitchell D, et al. Psychopathology and eating behaviour in people with type 2 diabetes referred for bariatric surgery. *Eat Weight Disord*. 2022;27(8):3627-35.
43. Pourzinal D, Yang J, Lawson RA, McMahon KL, **Byrne GJ**, Dissanayaka NN. Systematic review of data-driven cognitive subtypes in Parkinson disease. *Eur J Neurol*. 2022;29(11):3395-417.
44. Sarala M, Miettunen J, Alakokkare AE, Mustonen A, **Scott JG**, Thomas HJ, et al. Substance use confounds associations between peer victimization and aggression in adolescence with mental disorders in adulthood: A prospective birth cohort study. *J Adolesc*. 2022;94(7):996-1007.
45. Sarris J, **Byrne GJ**, Castle D, Bousman C, Oliver G, Cribb L, et al. N-acetyl cysteine (NAC) augmentation in the treatment of obsessive-compulsive disorder: A phase III, 20-week, double-blind, randomized, placebo-controlled trial. *Prog Neuropsychopharmacol Biol Psychiatry*. 2022;117:110550.
46. Sarris J, **Byrne GJ**, Oliver G, Cribb L, Blair-West S, Castle D, et al. Treatment of refractory obsessive-compulsive disorder with nutraceuticals (TRON): a 20-week, open label pilot study. *CNS Spectr*. 2022;27(5):588-97.
47. Sciberras E, Streatfeild J, Ceccato T, Pezzullo L, **Scott JG**, Middeldorp CM, et al. Social and Economic Costs of Attention-Deficit/Hyperactivity Disorder Across the Lifespan. *J Atten Disord*. 2022;26(1):72-87.
48. **Scott JG**, McKeon G, Malacova E, Curtis J, Burgher B, Macmillan I, et al. Quality prescribing in early psychosis: key pharmacotherapy principles. *Australas Psychiatry*. 2022;30(3):341-5.
49. Seow PS, **Byrne GJ**, Arnold E, Pachana NA. Relationships Between Aging Attitudes and Successful Aging Outcomes in Middle-age and Older Women. *Clin Gerontol*. 2022:1-13.
50. Shaik T, Tao X, **Higgins N**, Gururajan R, Li Y, Zhou X, et al. FedStack: Personalized activity monitoring using stacked federated learning. 2022.
51. Suetani S, Baker A, Garner K, Cosgrove P, Mackay-Sim M, Siskind D, et al. Impairments in goal-directed action and reversal learning in a proportion of individuals with psychosis. *Cogn Affect Behav Neurosci*. 2022;22(6):1390-403.
52. Thangavelu K, Hayward JA, Pachana NA, **Byrne GJ**, Mitchell LK, Wallis GM, et al. Designing Virtual Reality Assisted Psychotherapy for Anxiety in Older Adults Living with Parkinson's Disease: Integrating Literature for Scoping. *Clin Gerontol*. 2022;45(2):235-51.
53. Tran N, Callaway L, Shen S, Biswas T, **Scott JG**, Boyle F, et al. Screening for adverse childhood experiences in antenatal care settings: A scoping review. *Aust N Z J Obstet Gynaecol*. 2022;62(5):626-34.
54. **Turner K**, Pisani AR, Svetovic J, O'Connor N, Woerway-Mehta S, **Burke K**, et al. The Paradox of Suicide Prevention. *International Journal of Environmental Research and Public Health*. 2022;19(22):14983.
55. **Vickers M**, **Ramineni V**, Malacova E, Eriksson L, **McMahon K**, **Moudgil V**, **Scott J**, et al. Risk factors for clozapine-induced myocarditis and cardiomyopathy: A systematic review and meta-analysis. *Acta Psychiatr Scand*. 2022.
56. **Vickers ML**, **Choi YK**, Eriksson L, **Polyakova-Nelson Y**, **Jokovic Z**, Parker SD, **Scott J**, et al. Sexual and Reproductive Health in Adolescents and Young Adults With Psychotic Disorders: A Scoping Review. *Schizophr Bull*. 2022.
57. Warren N, Freier K, Siskind D, O'Gorman C, Blum S, Gillis D, **Scott J**, et al. Anti-glutamic acid decarboxylase antibody screening in first-episode psychosis. *Aust N Z J Psychiatry*. 2022:48674221089560.
58. Weber S, **Scott JG**, Chatterton ML. Healthcare costs and resource use associated with negative symptoms of schizophrenia: A systematic literature review. *Schizophr Res*. 2022;241:251-9.
59. Wilson K, **Purushothaman S**, Kolar U. Psychiatric advance directives and consent to electroconvulsive therapy (ECT) in Australia: A legislative review and suggestions for the future. *Int J Law Psychiatry*. 2022;85:101836.

Journal Articles (RBWH staff in bold)

60. Yang J, McMahon KL, Copland DA, Pourzinal D, **Byrne GJ**, Angwin AJ, et al. Semantic fluency deficits and associated brain activity in Parkinson's disease with mild cognitive impairment. *Brain imaging and behavior*. 2022.
61. Yang J, Pourzinal D, Rheinberger T, Copland DA, McMahon KL, **Byrne GJ**, et al. The Attention Network Test in Parkinson and Lewy Body Disease: A Systematic Review. *Cogn Behav Neurol*. 2022;35(1):1-13.
62. Zhang A, Mitchell LK, Pachana NA, Yang JHJ, Au TR, **Byrne GJ**, et al. Caring for a loved one with Parkinson's disease: the role of coping styles and relationship quality. *Int Psychogeriatr*. 2022:1-8.
63. Zhang LY, Anderson J, **Higgins** , Robinson J, Francey S, Burke A, et al. Screening for obstructive sleep apnoea in patients with serious mental illness. *Australas Psychiatry*. 2022:10398562221108632.

Book Chapters (RBWH staff in bold)

- Burke, K.**, & Dittman, C. K. (2022). Parenthood: Disrupting the Intergenerational Transmission of Social Disadvantage. In J. Baxter, J. Lam, J. Povey, R. Lee, & S. R. Zubrick (Eds.), *Family Dynamics over the Life Course: Foundations, Turning Points and Outcomes* (pp. 223-249). Springer International Publishing. https://doi.org/10.1007/978-3-031-12224-8_11
- Pisani, A. R., Murrie, D. C., Silverman, M., & **Turner, K.** (2021). Prevention-Oriented Risk Formulation. In M. Pompili (Ed.), *Suicide Risk Assessment and Prevention* (pp. 1-31). Springer International Publishing. https://doi.org/10.1007/978-3-030-41319-4_13-1

Keynote or Plenary Lectures given in 2022

Date	Title
30 Aug 2022	"Hope and Resilience in the Face of Adversity". Presented by Prof James Scott at 2022 International Health, Educators, Learners, Parents (H.E.L.P.) Conference Sydney
10 July 2022	"Against All Odds". Presented by Prof James Scott at Royal Australian and New Zealand College of Psychiatrists Queensland Branch.
20 June 2022	"Prevention and Management of Bullying Victimization in Youth". Presented by Prof James Scott at 2022 Ramsay Mental Health Master Class – Perth