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Metro North Mental Health

2020 was a year of transition for research at Metro North Mental Health (MNMH). Professor James Scott took over the role of Director of Research from Professor Michael Breakspear and Associate Professor Susan Patterson finished up after eight years in the Principal Research Fellow role. This role has been taken up by Dr Kylie Burke. James and Kylie have established a dedicated research team with a vision to systemically embed research into clinical practice, broaden the research endeavor across staff and disciplines and to shift the research focus to emphasize service evaluation.

In this context of change and COVID19 driven challenges for mental health service provision, staff continued to pursue research with the aim of creating the evidence needed to promote mental health, prevent mental illness, support early diagnosis and intervention and improve mental health across the lifespan. The dedication of clinicians and researchers to this task is commended and resulted in more than 75 peer reviewed publications and awarding of grants to address significant mental health issues facing vulnerable Australians. For example, Associate Professor Ed Heffernan and colleagues were awarded a MRFF grant to develop and evaluate an intervention designed to improve mental health for young indigenous Australians in detention. In 2020 cross disciplinary and collaborative research continued to grow with nurse-led research investigating trauma informed care resulting in recognition of Kobie Hatch who was awarded an Ian McFarlane Award for Nursing in Clinical Practice. A collaborative project involving allied health and medical researchers conducting an RCT comparing the effectiveness of social cognition and interaction training with placebo therapy (befriending therapy) in people living with schizophrenia was also completed. As a key site for the trial, Metro North Allied Health clinicians led by Anne Gordon delivered the interventions. This has now been published in the British Journal of Clinical Psychology.

Research Awards and Achievements

| Recipient (RBWH staff in bold) | Award | Event |
|-----------------------------------|---|---|
| Kobie Hatch | 2020 Sir Ian McFarlane Award for Nursing in Clinical Practice | 2020 RBWH and RBWH Foundation Grant Awards Ceremony |
| Forensic Mental Health Service | 2020 Health Services Research Award | Metro North Research Awards |

Research Grants Awarded in 2020

| Investigator Names (RBWH staff in bold) | RBWH Departments / Research Groups | Research Project Title | Granting Body | Total Awarded | Year/s |
|--|--|--|---|---------------|-----------|
| Rana, R. (USQ), Higgins, N | Mental Health | Using Artificial Intelligence to prioritise emergency calls for suicide prevention due to COVID-19 pandemic | Advance Queensland Industry Research Fellowships 2020 R3-COVID-19 | \$300,000.00 | 2020-2023 |
| Flaws, D | Metro North Mental Health Redcliffe ICU Caboolture ICU TPCH ICU CCRG | "Greater Recovery After Critical Care (GRACE)" | Clinician Research Fellowship | \$500,000 | |
| Gary Chaimowitz, Bruce Lawford , John Bradford, Heather McNeely, Heather Moulden, Andrew Toyin Olagunju, Luiza Paul Géa, Aamna Qureshi, Casey Upfold | Addiction | Genetic and Epigenetic Markers of Impulsivity: A Study of Genetic Factors Contributing to Impulsive Behaviour in Schizophrenia | PSI Foundation | CAN \$200,000 | 2020-2022 |

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 Patients Recruited in 2020 | Total number of Patients Recruited |
|--|---|---|---|------------------------------------|
| Nadeeka Dissanayaka | Gerard Byrne, John O'Sullivan, Robert Adam, Katie McMahon , Arnold Bakker | Uncovering a novel therapeutic target to reduce dementia risk in Parkinson's disease (TRIP study) | New study - no recruitment due to COVID-19 restrictions | |
| Nadeeka Dissanayaka | Ji Hyun Julia Yang, Gerard Byrne, Katie McMahon , Kartik Iyer, Peter Su, Tiffany Au | Neurobiology of anxiety in ageing and its role in cognition | New study – recruitment to begin soon | |
| Niall Higgins | Jordan Laurie (QUT), Thierry Peynot (QUT), Lisa Fawcett , Jonathon Roberts (QUT) | An evaluation of a video magnification-based system for respiratory rate monitoring in an acute mental health setting | N/A | |
| Samantha Bicker | Sue Holley, Matthew Molineux, Rebecca Jane Parker, Caitlin Dale, Raeleigh Bryant | Understanding the experience and impact of sub-specialty group membership on occupational therapists working in Queensland Health mental health services. | In Progress | |
| Nathan Dart | Lisa Fawcett, Niall Higgins, Lucinda Barton, Melanie Sullivan, Laura Freeburn, Tegan Louttit | Trauma Informed Care and Practice | N/A | |
| Flaws, D | Mahesh Ramanan, Katrina Cook, Alexis Tabah, Jiville Latu, John Fraser, Jayshree Lavana, India Lye, Oystein Tronstad, Susan Patterson, Vivienne Tippet, Adrian Barnett | Tracking Outcomes Post Intensive Care | - | 7 |
| Flaws, D | Nicole Brigg, Vivienne Tippet, Susan Patterson | Understanding Recovery Post Intensive Care | | |
| Flaws, D | Kym Boon , Oystein Tronstad, Todd Bagshaw, Susan Patterson , David Sellers, Justin Kenardy | Going through critical illness with a mental illness | | |
| Flaws, D & Sutt, A | Hayley Gunn, Eamonn Eeles, India Lye, Lacey Irvine, Susan Patterson, Todd Bagshaw, Conor O'Luanaigh, Oystein Tronstad, John Fraser | ICU Delirium Prediction App | - | 29 |
| Cassie Hoole | Kylie Burke, Anna Johnston, Donna Bowman | Evaluating the feasibility, acceptability and effectiveness of a community dietitian within MNMHS | | |
| Cassie Hoole | | <ol style="list-style-type: none"> Nutritional needs assessment for individuals admitted to Hospital Alcohol and Drug Service RBWH Optimising the nutrition education delivered to patients at the Hospital Alcohol and Drug Service RBWH | Part 1 – 14 Part 2 – 15 | |

| Lead Investigator Name (RBWH staff in bold) | Other Study Investigators (RBWH staff in bold) | Research Project Title | Number of Patients Recruited in 2020 | Total number of Patients Recruited |
|--|--|---|--------------------------------------|------------------------------------|
| Cassie Hoole | | Prevalence of malnutrition in mental health units at RBWH (note this was a once off audit – will need to re-do this year to be able to draw more conclusions about initial results) | 63 | |
| John Kelly | Michelle Taylor , Pamela Meredith, Amanda Morphett, Hollie Wilson | Substances and your senses: The sensory patterns of young people within an alcohol and drug treatment service | | 89 |
| John Kelly | Hollie Wilson, Cassie Davis, Dee Burdon | Overcoming barriers for women in accessing and engaging in alcohol and drug treatment | | |
| Nicole Briggs | Joanna Townley, Andrew Patrick, Donna Bowman, Louise Hawkens, Imani Gunasekara, Vikas Moudgil | Working Differently Quality Improvement Project | 40 Staff and 5 Consumer/ Carers | 40 Staff and 5 Consumer/ Carers |
| Ward, W. , Pankaj, S | | Deep Brain Stimulation (DBS) of the Nucleus Accumbens for Treatment Resistant Severe and Enduring Anorexia Nervosa: A Phase 1 Open Trial | 2 | 2 |
| Fleming, C | | Working with the families of adults affected by eating disorders | | |
| Moss, K | | Physical health and activity of patients under forensic psychiatric care | | |
| Hayllar, J. | | Cytochrome P450 2D6 (CYP2D6) testing in patients with a Codeine Use Disorder | | |
| Li, H. K. , | Louise Durant | Nurse-led overdose training for opioid treatment clients | | |
| Wilson, H | Kelly, J , Rodgers, L | Impact of a single-session group psychosocial intervention in withdrawal management treatment in a tertiary alcohol and drug treatment service: an exploration of factors contributing to treatment outcome | | |
| Kelly, J | Davis, C., Wilson, H., Burdon, D | Breaking down barriers and optimising care for lesbian, gay, bisexual and transgender (LGBT) people in a tertiary alcohol and drug treatment service | | |
| Li, H. K. , | | SCOT Delphi model Development | | |
| Subramanian Purushothaman Emily Martin | Emma Ballard Kylie Burke Julie Blake James Scott Margaret Buda | The Provision of Electroconvulsive Therapy at a Tertiary Mental Health Facility | 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 Patients Recruited in 2020 | Total number of Patients Recruited |
|---|---|---|--------------------------------------|------------------------------------|
| Danielle Alchin | | Implementation of Post Restrictive Practice Debriefing in MNMH (as part of Grad Cert in Health Science) | | 9 |
| Michael Breakspear | Nick Martin, Gerard Byrne , Stephen Rose, Christine Guo, Osvaldo Almeida, Gail Robinson, Michael Weiner, Nancy Pachana | Prospective study of ageing: genes, brain and behaviour (PISA) | Ongoing recruitment | |
| Jerome Sarris | Chee Ng, Gerard Byrne , David Castle, David Camfield | N-Acetyl Cysteine in the adjunctive treatment of obsessive-compulsive disorder: A 16-week double blind randomised placebo-controlled study. | Study recruitment closed. | |
| Wilsen Brincat, Kelly Price | Susan Patterson , Karen Petty, Michael Luck | Contingency Management in Smoking Cessation (?) | | |
| Judy Munday (QUT) | Samantha Keogh, Niall Higgins | A comparison of non-invasive zero-heat-flux thermometry with invasive oesophageal measurements for consistent perioperative | 28 | 28 |
| Jordan Laurie (QUT) | Niall Higgins , Thierry Peynot (QUT), Jonathan Roberts (QUT) | Dedicated exposure control for remote photoplethysmography | N/A | |
| Rajib Rana (USQ) | Niall Higgins | Automated Mood Inference Tool | 2 | 11 |
| Rajib Rana (USQ) | Niall Higgins , Kazi Shezan (USQ) | In-call distress inference for effective triaging in emergency response services | N/A | |
| Thanveer Basha (USQ) | Niall Higgins , Xiaohui Tao (USQ), Raj Gururajan (USQ) | Remote patient monitoring using radio frequency identification (RFID) technology and machine learning for early detection of suicidal behaviour in mental health facilities | N/A | |
| Prof Billie Bonevski, Amanda Baker, Victoria Manning, Coral Gartner, Natalie Walker, Catherine Segan, Chris Bullen, Christopher Oldmeadow, Linda Bauld, Adrian Dunlop | Mark Daghli , Ron Borland, Nadine Ezard, Daniel Lubman, Donita Baird, Olivia Wynne, David Jacca, Edwina Williams | A trial of vaporised nicotine products for smoking cessation following discharge from drug and alcohol residential withdrawal services | 38 | 38 |
| Sarah Reilly, Jeremy Hayllar, Mark Daghli | | Cytochrome P450 2D6 (CYP2D6) testing in patients with a Codeine Use Disorder | 63 | 63 |

| Lead Investigator Name (RBWH staff in bold) | Other Study Investigators (RBWH staff in bold) | Research Project Title | Number of Patients Recruited in 2020 | Total number of Patients Recruited |
|--|--|---|--------------------------------------|------------------------------------|
| Matt Gullo, Mark Daghish | Chloe Kidd, Hayley Kimball | Quality Assurance of iAx Addiction Self-Assessment Tool at RBWH Hospital Alcohol and Drug Service Unit | N/A | N/A |
| Nasrallah, F | David Reutens, Shekhar Chandra, James Walsham, Trevor Russell, Sandeep Bhuta, Jason Ross, Craig Winter, Siva Senthuran, Judith Bellapart, Katie McMahon; Jacelle Warren; Victoria McCreanor; Dylan Flaws; Rose, Stephen; Sarah Olson; Michael Redmond; Michael Reade; Adeline Hodgkinson; Karen Barlow; Tom Johnstone; Trevor Watkins; Susanne Jeavons; Gary Mitchell; Bruce Hall; James McCullough; Teresa Withers; Lisa Sorger; Alan Coulthard; Karen Sullivan; Michael O'Sullivan; Chamindie Punyadeera; Mark Sheridan; Trevor Watkins; Sarah Olson; James McCullough; Teresa Withers | PRE diction and Diagnosis using Imaging and Clinical biomarkers Trial in Traumatic Brain Injury : the value of Magnetic Resonance Imaging (PEDICT-TBI) | | |
| Tronstad, O | John Fraser, Sue Patterson, Dylan Flaws , Angus Cameron, Sachin Behere, Sam Graham, Baden Leo, Nick Lewis, Ross Tucker, Graham Stocks, Hamilton Wilson, Damien Linnett, Harm Hollander, Angelo Pagano, Michael Hornby, Bob Holdsworth, Ramon Bambach, Mark Worrall , Tony Ketteringham, Colin Manderson, Rebecca Craven, Geoff Fletcher, Roneen Fletcher | ICU of the Future | 73 | |

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 Patients Recruited in 2020 | Total number of Patients Recruited |
|--|---|---|--------------------------------------|------------------------------------|
| Ketheesan, S., | Tran, T., De Silva, D., Yat, C., Lau, A., Lindsay, D., Juster, R-P., & Sarnyai, S. | Measuring stress and allostatic load in Indigenous Australians: A systematic review and analysis of biomarker studies. | Not Applicable | Not Applicable |
| Heffernan E., | Williams, M., Harden, S., Watson, M., Stathis, S., Kinner, S., Meurk, C., Steele, M., Pratt, G | IMHIP-Youth: A multi-disciplinary collaboration to embed and evaluate a model of social and emotional wellbeing care for Indigenous adolescents who experience detention | | |

Research Publications

Journal Articles

1. Akosile W, Voisey J, **Lawford B**, Colquhoun D, Young RM, Mehta D, PTSD Initiative. NLRP3 is associated with coronary artery disease in Vietnam veterans. *Gene*. 2020 Jan 30;725:144163. doi: 10.1016/j.gene.2019.144163. Epub 2019 Oct 19
2. Arnautovska U, McKeon G, Dark F, **Siskind D**, Harris M, **Parker S**. Predictors of unplanned discharge from community-based residential mental health rehabilitation for people affected by severe and persistent mental illness. *J Ment Health*. 2020:1-9
3. Biswas T, **Scott JG**, Munir K, Renzaho AMN, Rawal LB, Baxter J, Mamun AA. Global variation in the prevalence of suicidal ideation, anxiety and their correlates among adolescents: A population based study of 82 countries. *EClinicalMedicine*. 2020;24:100395
4. Biswas T, **Scott JG**, Munir K, Thomas HJ, Huda MM, Hasan MM, David de Vries T, Baxter J, Mamun AA. Global variation in the prevalence of bullying victimisation amongst adolescents: Role of peer and parental supports. *EClinicalMedicine*. 2020;20:100276
5. **Brigg N, Patterson S**, Pradhan A. Enabling people with severe mental illness to overcome barriers to access dental treatment: a qualitative study applying COM-B framework analysis. *Journal of mental health (Abingdon, England)*. 2020:1-9
6. **Byrne GJ**. Prescribing psychotropic medications in residential aged care facilities. *Med J Aust*. 2020;212(7):304-5
7. **Caplan GA, Teodorczuk A**, Streatfeild J, Agar MR. The financial and social costs of delirium. *Eur Geriatr Med*. 2020;11(1):105-12
8. Chanen A, Yung A, Killackey E, Hickie I, Coghill D, **Scott JG**, Scott E, Denborough P, Dixon L, Fisher L, Kane J, Malla A, Nordentoft M, Pellen D, Radovini A, McGorry P. The value of early intervention in creating the new mental health system: Response to Allison et al. *Aust N Z J Psychiatry*. 2020;54(7):667-9
9. **Chapman JJ**, Hielscher E, **Patterson S**, Reavley N, Brown WJ, Wyder M, Childs S, Russell A, Suetani S, **Scott JG**. Preferences of people with mental illness for engaging in exercise programs under COVID-19 restrictions. *Australas Psychiatry*. 2020:1039856220975299
10. Cobham VE, Hickling A, Kimball H, Thomas HJ, **Scott JG**, Middeldorp CM. Systematic Review: Anxiety in Children and Adolescents With Chronic Medical Conditions. *J Am Acad Child Adolesc Psychiatry*. 2020;59(5):595-618
11. Dachew BA, **Scott JG**, Betts K, Mamun A, Alati R. Hypertensive disorders of pregnancy and the risk of offspring depression in childhood: Findings from the Avon Longitudinal Study of Parents and Children. *Dev Psychopathol*. 2020;32(3):845-51
12. Dachew BA, **Scott JG**, Mamun A, Alati R. Hypertensive disorders of pregnancy and emotional and behavioural problems in children: a longitudinal population-based study. *Eur Child Adolesc Psychiatry*. 2020;29(10):1339-48
13. Dark F, **Scott JG**, Baker A, Parker S, Gordon A, Newman E, Gore-Jones V, Lim CCW, Jones L, Penn DL. Randomized controlled trial of social cognition and interaction training compared to befriending group. *British journal of clinical psychology*. 2020;59(3):384-402
14. DeVlyder J, Waldman K, Hielscher E, **Scott J**, Oh H. Psychotic experiences and suicidal behavior: testing the influence of psycho-socioenvironmental factors. *Soc Psychiatry Psychiatr Epidemiol*. 2020;55(9):1167-77
15. Eeles E, England R, **Teodorczuk A**, Pandey S, Pinsky D, Armstrong A. Delirium Management: Anything's Possible. *Can J Aging*. 2020;39(1):89-97
16. Fetene DM, Betts KS, **Scott JG**, Alati R. Maternal prenatal thyroid function and trajectories of offspring emotional and behavioural problems: findings from the ALSPAC cohort. *Eur Child Adolesc Psychiatry*. 2020;29(6):871-9
17. **Flaws D, Patterson S**, Fraser J, Tronstad O, & **Scott J G**. (2020). Reconceptualizing post-intensive care syndrome: Do we need to unpick our PICS? *Nursing in critical care*. doi:10.1111/nicc.12545
18. Flint K, Matthews-Rensch K, **Flaws D**, Mudge A, Young A. Mealtime care and dietary intake in older psychiatric hospital inpatient: A multiple case study. *J Adv Nurs*. 2020

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19. Green B, **Hayllar J**, Anderson C. Speeding: a review of self-reported effects of amphetamine-type stimulants (ATS). *Addiction research & theory*. 2020;28(1):82-90
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20. Griffin G, **Bicker S**, Zammit K, **Patterson S**. Establishing an occupational therapy assessment clinic in a public mental health service: A pragmatic mixed methods evaluation of feasibility, utilisation, and impact. *Aust Occup Ther J*. 2020;67(4):350-9
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21. Guilding C, Hardisty J, Randles E, Statham L, Green A, Bhudia R, Thandi CS, **Teodorczuk A**, Scott L, Matthan J. Designing and evaluating an interprofessional education conference approach to antimicrobial education. *BMC Med Educ*. 2020;20(1):360
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22. Hallam KT, Leigh D, **Davis C**, Castle N, Sharples J, Collett JD. Self-care agency and self-care practice in youth workers reduces burnout risk and improves compassion satisfaction. *Drug Alcohol Rev*. 2020. <https://doi.org/10.1111/dar.13209>
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23. Hides L, Quinn C, Chan G, Cotton S, Pocuca N, Connor JP, Witkiewitz K, **Daglish MRC**, Young RM, Stoyanov S, Kavanagh DJ. Telephone-based motivational interviewing enhanced with individualised personality-specific coping skills training for young people with alcohol-related injuries and illnesses accessing emergency or rest/recovery services: a randomized controlled trial (QuikFix). *Addiction*. 2020 Jun 7. doi: 10.1111/add.15146. Online ahead of print. PMID: 32506558
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24. Hielscher E, DeVlyder J, Connell M, Hasking P, Martin G, **Scott JG**. Investigating the role of hallucinatory experiences in the transition from suicidal thoughts to attempts. *Acta Psychiatr Scand*. 2020;141(3):241-53
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25. Hielscher E, DeVlyder J, Hasking P, Connell M, Martin G, **Scott JG**. Can't get you out of my head: Persistence and remission of psychotic experiences in adolescents and its association with self-injury and suicide attempts. *Schizophr Res*. 2020a
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26. Hielscher, E., DeVlyder, J., Hasking, P., Connell, M., Martin, G., & **Scott, J. G.** Mediators of the association between psychotic experiences and future non-suicidal self-injury and suicide attempts: results from a three-wave, prospective adolescent cohort study. *European child & adolescent psychiatry*. doi:10.1007/s00787-020-01593-6. 2020b
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27. **Higgins, N.S.**, lu, P., Carr, P., Ware, R. and **Van Zundert, A.** (2020) 'Techniques to select site of insertion for a peripheral intravenous catheter with vessel locating devices using light, sounds or tactile actions (or palpations)'. *Journal of Clinical Nursing*, doi:10.1111/jocn.15654
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28. Jadambaa A, Brain D, Pacella R, Thomas HJ, McCarthy M, **Scott JG**, Graves N. The Economic Cost of Child and Adolescent Bullying in Australia. *Journal of the American Academy of Child and Adolescent Psychiatry*. 2020. doi:10.1016/j.jaac.2020.05.010
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29. Johnston, K., Guingona, M., Elsanousi, S., Mbokazi, J., Labarda, C., Cristobal, FL., Upadhyay, S., Othman, A., Woolley, T., Acharya, B., Hogenbirk, JC., **Ketheesan, S.**, Craig, JC., Neusy, A-J., & Larkins, S. "Training a Fit-For-Purpose Rural Health Workforce for Low- and Middle-Income Countries (LMICs): How Do Drivers and Enablers of Rural Practice Intention Differ Between Learners From LMICs and High Income Countries?" *Frontiers in Public Health*. 2020;8(626)
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30. Keating, S. E., Barnett, A., Croci, I., **Hannigan, A.**, Elvin-Walsh, L., Coombes, JS., Campbell, KL., Macdonald, GA., & Hickman, J. "Agreement and Reliability of Clinician-in-Clinic Versus Patient-at-Home Clinical and Functional Assessments: Implications for Telehealth Services." *Archives of rehabilitation research and clinical translation*. 2020;2(3): 100066
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31. Kelly P, Deane F, Baker A, Byrne G, Degan T, Osborne B, Townsend C, McKay J, Robinson L, Oldmeadow C, Lawson K, Searles A, Lunn J. Correction to: Study protocol the Continuing Care Project: a randomised controlled trial of continuing care telephone intervention following residential substance dependence treatment. *BMC Public Health*. 2020;20(1):258-.doi:10.1186/s12889-020-8328-2
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32. **Ketheesan, S.**, Bertram, G., Adam, R., Stark, A., & **Scott, J. G.** Muddying the waters? A false positive case of autoimmune psychosis. *Australasian Psychiatry*. 2020;1039856220965041. doi:10.1177/1039856220965041
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33. **Ketheesan, S.**, Rinaudo, M., Berger, M., Wenitong, M., Juster, R. P., McEwen, B. S. & Sarnyai, Z. "Stress, allostatic load and mental health in Indigenous Australians." *Stress*. 2020;23(5): 509-518
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34. Korman N, Fox H, Skinner T, Dodd C, Suetani S, **Chapman J, Parker S**, Dark F, Collins C, Rosenbaum S, **Siskind D**. Feasibility and Acceptability of a Student-Led Lifestyle (Diet and Exercise) Intervention Within a Residential Rehabilitation Setting for People With Severe Mental Illness, GO HEART (Group Occupation, Health, Exercise And Rehabilitation Treatment). *Front Psychiatry*. 2020;11:319
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35. Laurie J, **Higgins N**, Peynot T, Roberts J. Dedicated Exposure Control for Remote Photoplethysmography. *IEEE access*. 2020;8:116642-52.. *IEEE Access*, 8, 116642-116652
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36. Lee SY, Fisher J, Wand APF, Milisen K, Detroyer E, Sockalingam S, Agar M, Hosie A, **Teodorczuk A**. Developing delirium best practice: a systematic review of education interventions for healthcare professionals working in inpatient settings. *Eur Geriatr Med*. 2020;11(1):1-32
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37. **Li, H.K.** Keeping the alcohol and other drug workforce resilient after the COVID-19 emergency. *Drug Alcohol Rev*. 2020. <https://doi.org/10.1111/dar.13218>
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38. Macmillan I, Thompson A, Kalucy M, Pellen D, Killackey E, McGorry P, **Scott JG**. A certificate in youth psychiatry: meeting the training needs of psychiatrists. *Australasian psychiatry : bulletin of the Royal Australian and New Zealand College of Psychiatrists*. 2020:103985622094301-1039856220943015
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39. Mamun AA, **Scott J**, Najman JM, Williams GM, Alati R, Fatima Y. Generational changes in young adults' sleep duration: a prospective analysis of mother-offspring dyads. *Sleep Health*. 2020;6(2):240-5
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40. McKeon G, **Parker S**, Warren N, **Scott JG**. The Patient Experience of Recovery Following Anti-NMDA Receptor Encephalitis: A Qualitative Content Analysis. *The journal of neuropsychiatry and clinical neurosciences*. 2020:appi.neuropsych-appineuropsych20030049.doi:10.1176/appi.neuropsych.20030049
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41. Meque I, Betts KS, Salom CL, **Scott JG**, Clavarino A, Mamun A, Najman JM, Alati R. Social Drinking Contexts and Their Influence on Problematic Drinking at Age 30. *Subst Use Misuse*. 2020;55(2):188-99.doi:10.1080/10826084.2019.1660679
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42. **Meurk C**, Wittenhagen L, Steele ML, Ferris L, Edwards B, Bosley E, **Heffernan E**. Examining the Use of Police and Ambulance Data in Suicide Research: A Systematic Scoping Review of Data Linkage Studies. *Crisis : the journal of crisis intervention and suicide prevention*. 2020
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43. Mitchell BL, Kirk KM, McAloney K, Wright MJ, Davenport TA, Hermens DF, **Scott JG**, McGrath JJ, Gillespie NA, Carpenter JS, O'Callaghan VS, Medland S, Christensen H, Martin NG, Burns JM, Hickie IB. 16Up: Outline of a Study Investigating Wellbeing and Information and Communication Technology Use in Adolescent Twins. *Twin Res Hum Genet*. 2021:1-13.<https://doi.org/10.1017/thg.2020.83>
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44. Molde H, Nordhus IH, Torsheim T, Engedal K, Bendixen AB, **Byrne GJ**, Márquez-González M, Losada A, Feng L, Ow EKT, Pisitsungkagarn K, Taephant N, Jarukasemthawee S, Champagne A, Laneville P, Gosselin P, Ribeiro O, Diefenbach GJ, Blank K, Beauveau SA, Laks J, de Araújo NB, Fonseca RP, Kochhann R, Camozzato A, van den Brink RHS, Fluiter M, Naarding P, Pelzers LPRM, Lugtenburg A, Oude Voshaar RC, Pachana NA. A Cross-National Analysis of the Psychometric Properties of the Geriatric Anxiety Inventory. *J Gerontol B Psychol Sci Soc Sci*. 2020;75(7):1475-83.doi:10.1093/geronb/gbz002
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45. Morris C, Reid A-M, Ledger A, **Teodorczuk A**. Expansive learning in medical education: Putting Change Laboratory to work. *Medical teacher*. 2020:1-6
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46. Mosley PE, Robinson K, Coyne T, Silburn P, Barker MS, **Breakspear M**, Robinson GA, Perry A. Subthalamic deep brain stimulation identifies frontal networks supporting initiation, inhibition and strategy use in Parkinson's disease. *NeuroImage (Orlando, Fla)*. 2020;223:117352
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47. Munday J, **Higgins N**, Mathew S, Dalglish L, Batterbury AS, Burgess L, Campbell J, Delaney LJ, Griffin BR, Hughes JA, Ingleman J, Keogh S, Coyer F. Nurse-Led Randomized Controlled Trials in the Perioperative Setting: A Scoping Review. *Journal of multidisciplinary healthcare*. 2020;13:647-60.doi:10.2147/JMDH.S255785
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48. Najman JM, Kisely S, **Scott JG**, Strathearn L, Clavarino A, Williams GM, Middeldorp C, Bernstein D. Agency notification and retrospective self-reports of childhood maltreatment in a 30-Year cohort: Estimating population prevalence from different data sources. *Child abuse & neglect*. 2020;109:104744-.doi:10.1016/j.chiabu.2020.104744
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49. Najman JM, Middeldorp C, Williams GM, **Scott JG**, McGee T, Bor W, Clavarino AM, Mamun A. Illicit drug use by mothers and their daughters in Australia: A comparison of two generations. *Addictive behaviors*. 2020;106:1-7
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50. Najman JM, Wang W, Plotnikova M, Mamun AA, McIntyre D, Williams GM, **Scott JG**, Bor W, Clavarino AM. Poverty over the early life course and young adult cardio-metabolic risk. *Int J Public Health*. 2020;65(6):759-68.doi:10.1007/s00038-020-01423-1
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51. Pachana NA, Beattie E, **Byrne GJ**, Brodaty H. COVID-19 and psychogeriatrics: the view from Australia. *Int Psychogeriatr*. 2020;32(10):1135-41. doi:10.1017/S1041610220000885
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52. **Pleaver S**, McCarthy I, Anzolin M, **Emmerson B**, Allan J, Hay K. Queensland smoking care in adult acute mental health inpatient units: Supporting practice change. *Aust N Z J Psychiatry*. 2020;54(9):919-27
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Book Chapters / Letters

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1. **Emmerson B, Scott JG**. 'Queensland Mental Health Services' In: Graham Meadows., John Farhall., Ellie Fossey., Brenda Hoppell., Fional McDermott., Sebastian Rosenberg., editors. Mental Health Services Across Australia. 4th Edition ed: Oxford University Press; 2020
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Conference Presentations – Invited Speaker, Oral and Poster

Invited Speaker

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1. Downs E, Keating A, Butler J, Kennedy G. (2020). A Collaborative Approach in the Management of Late Onset Grade IV skin GVHD of an Adolescent Male Post Allogeneic Bone Marrow Transplant. Haematology Association of Australia Annual Scientific Meeting

 2. Munday J, **Higgins N**, Van Zundert A, Jones L, Vagenas, D, Keogh S. (2020) 'The agreement between zero-heat flux and oesophageal temperature monitoring amongst patients undergoing upper or lower limb surgery: a prospective observational study' Centre of Interprofessional Collaboration within Emergency Care (CICE) Conference, Linnaeus University, Sweden: 23 October (Invited Speaker)

 3. **Scott. J.G.** (11th June 2020). Invited Speaker (Webinar) Addressing modifiable risk factors for mental disorders in children and adolescents. National webinar Prevention United

 4. **Scott. J.G.** (13th June 2020). Invited Speaker (Webinar) Optimal pharmacological management of early schizophrenia. Binational Training Workshop (Aust & NZ)

 5. **Scott. J.G.** (16th June 2020). Invited Speaker (Webinar) The Management of early psychosis in young people. Peninsula Health Service, Victoria
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Oral Presentations

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1. Chan R. From concept to conclusion: success factors for leading evidence-based practice in oncology nursing. Emirates Oncology Conference 2020. Abu Dhabi

 2. Munday J, **Higgins N**, Van Zundert A, Jones L, Vagenas, D, Keogh S. (2020) 'The agreement between zero-heat flux and oesophageal temperature monitoring amongst patients undergoing upper or lower limb surgery: a prospective observational study' RBWH Nursing and Midwifery Centre Grand Rounds, Brisbane, 6th August

 3. **Higgins, N., Marsh, N., Jones, L., McLeod, K., Hutton, T., Larsen, E., Muir-Cochrane, E., Dart, N., and Fawcett, L.** (2020) 'Survey of staff experiences during COVID-19 pandemic' presented at: Herston Health Precinct Symposium, Royal Brisbane and Women's Hospital 7-11th December
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4. Glasziou, P., **Flaws, D.**, Connelly, L. & Cross, C. (2020). *Data in the time of COVID19: Is truth the first casualty?* QUT Webinar Data Science in the News - COVID-19 Panel Session #2. Centre for the Business and Economics of Health. The University of Queensland

 5. **Flaws, D.**, Jetten, J., & Warren, S. (2020). COVID19 Roundtable. Brisbane Diamantina Health Partners

 6. Australia: Shohag, H., **Flaws, D.**, Ziegenfuss, M.; **New Zealand:** Villamor, M., Harris, D.; **South Asia:** Bangladesh Bisht, D, Noohu, S., Mishra, S., Aurangzeb, A., & Mathangan, S. (2020). COVID19 and frontline responders: Health professional perspectives. Centre for Governance Studies. [Beyond PPE – COVID-19 and Safety, Stress and Trauma Concerns of Frontline Health Workers: Perspectives from Australia and New Zealand – South Asia Journal](#)

 7. **Flaws, D.** (2020). MNHHS Early and Mid-Career Clinical Researcher Workshop – Facilitator

 8. **Flaws, D.** (2020). CICM Webinar – Maintaining wellbeing while working in ICU. The College of Intensive Care Medicine. [Wellbeing in Intensive Care - Dr Dylan Flaws on Vimeo](#)

 9. **Flaws, D.** (2020). Herston Healthcare Symposium – UQ Medical Student Introduction

 10. **Ketheesan, S.**, Tran, T., De Silva, D., Yat, C., Lau, A., Lindsay, D., Juster, R-P., & Sarnyai, S. (2020). Measuring stress and allostatic load in Indigenous Australians: A systematic review and analysis of biomarker studies. Presented at International Society of Psychoneuroendocrinology Virtual Annual Conference. Chicago. [10.1016/j.psyneuen.2020.104960](https://doi.org/10.1016/j.psyneuen.2020.104960)

 11. **Scott. J.G.** (19th August 2020). Workshop Presenter (Webinar) Clinical management of early psychosis. Presented at Bi National On Line Workshop for PsyAcademy (Aust and NZ)

 12. **Scott. J.G.** (20th October 2020). Debate Panel Member (Webinar) Biological Psychiatric Association National Conference

 13. **Scott. J.G.** (20th October 2020). Workshop Presenter Prescribing and Discontinuing medications in early psychosis: An evidence- based practice workshop (Brisbane)

 14. **Brigg. N., Patterson, S., & Pradhan, A.** (2020). Facilitating inclusion: Interservice Partnership, clinician engagement and consumer resilience enabling oral health access for people experiencing severe mental illness. Presented at: Mental Health Clinical Collaborative, Queensland Health Statewide Forum July 2020
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Poster Presentations

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1. **Higgins, N., Marsh, N., Jones, L., McLeod, K., Hutton, T., Larsen, E., Muir-Cochrane, E., Dart, N., and Fawcett, L.** (2020) 'Survey of staff experiences during COVID-19 pandemic' presented at: Herston Health Precinct Symposium, Royal Brisbane and Women's Hospital 7-11th December

 2. **Flaws, D.** (2020). Tracking Outcomes Post Intensive Care. presented at: Herston Healthcare Symposium
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