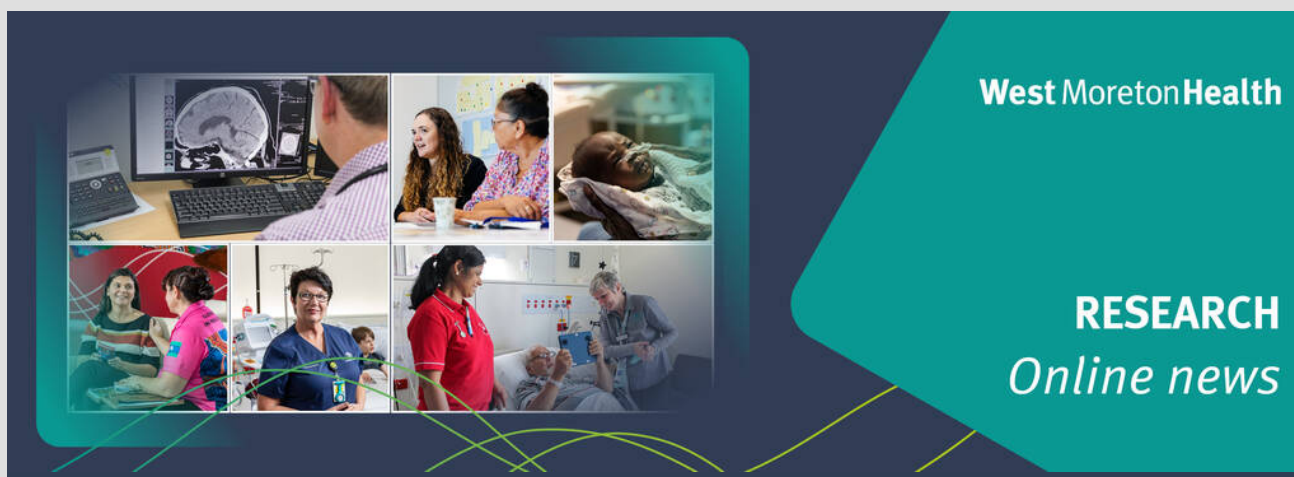


From: West Moreton Health <WMCommunications@health.qld.gov.au>
Sent: Thursday, 14 September 2023 11:43 AM
To: WM Communications
Subject: Latest news from our researchers (September 2023)

Having trouble viewing this email? [View Online](#)



8 September 2023



Fifteen projects in the spotlight at symposium

Join passionate health advocates and be inspired as they explore how innovation is transforming the clinical landscape at the Quality Improvement and Research Symposium: *Ignite Innovation* on 18 October. Hosted by West Moreton Health, researchers and consumers will share, celebrate and illuminate advancements in healthcare in the region. West Moreton Health Acting Board Chair Sue

Scheinflug, Professor John Prins and Dr James Kesby will share their knowledge and health pathways before organisers shine a light on 15 project showcases from staff and health partners. Staff are invited to [book their ticket](#) and join the free full-day event in person at the Ipswich Hospital Auditorium or via Teams. We look forward to sharing new perspectives with you and charting how the latest research and quality improvement projects will affect your work. Contact [WM_Research](#).

Meet our researchers



Dr Sree Krishna Venuthurupalli

Kidney Health Service Consultant Nephrologist

Dr Venuthurupalli is a renal physician with more than 25 years' experience in nephrology. He holds a special interest in the fields of chronic kidney disease progression, diabetic kidney disease, hypertension, and glomerular diseases.

Sree completed his medical degree in internal medicine, graduating with honours in social and preventative medicine. He has a Doctorate of Medicine in Nephrology from the Postgraduate Institute of Medical Education and Research in Chandigarh, India. He worked in Metro North, Central Queensland, and Darling Downs Health before joining us at West Moreton Health in 2020.

Sree is passionate about teaching and research. He completed his PhD at the University of Queensland where he also teaches as an Associate Professor. He has published extensively in national and international journals, and presented papers in major conferences for the past two decades.

Famous person I'd like to meet

Former Indian captain and wicketkeeper Mahendra Singh Dhoni.

Favourite holiday destination

Bali, Indonesia, for its centuries-old preservation of Hinduism.

Books on my nightstand

Roots: The Saga of an American Family by Alex Haley. It tells the life story of Kunta Kinte and the lives of his descendants in the United States.

Meet the library team



The library service provides a dynamic, flexible and relevant service to clinicians across the health service. They assist clinicians to become skilled, well-informed, competent and confident. Email [Ipswich library](#) or [Park library](#). *Pictured left is Jamie and Penny.*

Library Manager Penny Ganzenmuller

I love promoting our library services and resources, helping staff achieve their patient care, research or study goals by performing literature searches with them, and conducting training that empowers staff to develop their research skills further.

I enjoy travelling, spending as much time with family and friends as I can, reading and completing puzzles. For my next holiday, I'm planning a trip to Uluru with my family.

Librarian Jamie Russel

I'm new to the health service so I get to meet the different teams that use the library for the first time. I enjoy helping clinicians with literature searches, sourcing articles and books through document delivery and inter-library loans, and assisting with advance research skills questions. I'm an avid fantasy and sci-fi reader. My favourite authors are Brandon Sanderson and Tamora Pierce.

Client Services Librarian Dianne Glasson

I enjoy helping staff search the literature available to support their role. I assist with EndNote training which creates the citations needed in the right style. I'm passionate about mental health and enjoy collating the Mental Health Current Awareness Service which provides the latest research and developments for staff.

I enjoy travelling, spending time with my daughters and grandsons, reading thriller fiction and biographies, and completing the daily Wordle and a mini crossword.



Research or quality improvement?

Research and quality improvement are similar but distinct activities with important differences.

- Research is a systematic investigation designed to develop or contribute to general knowledge, aiming to generate new knowledge.
- Quality improvement is a systematic approach to improving processes and outcomes within a specific context, aiming to improve existing processes within a specific setting.

It is important to make the distinction between the type of activity you are completing to ensure you complete the right ethics application. Research projects require both a Human Research Ethics Committee (HREC) approval and research governance approval via a Site Specific Assessment before starting the project. If your work may be published or presented outside of the health service, please submit a HREC review exemption prior to starting your activity.

Contact the [Research Ethics and Governance team](#) for information.

Fun run funding health research

The Research and Innovation team laced their sneakers and joined the successful Ipswich Hospital Foundation Park2Park event alongside 1,100 participants. More than \$10,000 was raised for health research in our region through the event to support research into chronic disease, virtual care and community health programs. Health partners and community members joined the fun run to boost their own health and wellbeing, create a thriving community and spend time together away from the workplace. The Research and Innovation team are headed back to the start line and doing it all again next year, for the 20th anniversary of Park2Park on Sunday 28 July 2024. Join the [Facebook](#) page for updates.



Latest research at West Moreton Health

Research projects authorised to begin at West Moreton Health (WMH) from 1 June to 21 August 2023 are listed below by the lead researcher and departments involved:

- Australasian Resuscitation In Sepsis Evaluation: FLUID or vasopressors In emergency Department Sepsis, *Dr Neeraj Bhadange, ICU, Clinical Services*
- Queensland Health Crisis Support Space Evaluation, *Dr Zoe Rutherford (UQ) and Kylie Beaver, QCMHR and Crisis Support Service, Mental Health and Specialised Services*
- Do Nurse Practitioners Deliver? An Audit of HIV Care by Nurse Practitioners in Australia, *Adam Spinks, Sexual Health and Blood Borne Virus Service, Preventative and Prison Health*
- Cannabidiol (CBD) for Clozapine Refractory Schizophrenia (CanCloz), *Dr Terry Stedman, Community Mental, Health and Forensic and Secure Services and QCMHR, Mental Health and Specialised Services*

- A Review of the Implementation and Functioning of Adolescent Day Programs in Queensland, *Dr Zoe Rutherford (UQ), QCMHR, Mental Health and Specialised Services*
- Palliative Care in Aged Care - Palliative Care Hospital in the Home Program Evaluation, *Melanie McBain, Specialist Palliative Care in Aged Care Services, Clinical Services*
- Digital Early Warning Tools Upgrade System Review (DEWT US), *Clair Sullivan (Metro North HHS), Patient Safety and Quality and Digital Services, Medical Services and Finance and Business Services*
- Symptom monitoring With Feedback Trial (SWIFT). A Registry-Based Cluster Randomised Controlled Trial to determine the clinical effectiveness and cost-effectiveness of symptom monitoring with feedback to clinicians compared with standard care in improving, *Dr Vishwas Raghunath, Renal, Clinical Services*

If you are looking to submit an application for Research Ethics and/or Research Governance review and have queries about the process or what is required contact [Carine and Janani](#).

Did you know? Research inspired by everyday life

While eating takeaway, two University of Chicago scientists Dr Bozhi Tian and Dr Yin Fang became very interested in their noodles. The noodles are stretched by hand until they are strong and elastic. The scientists questioned why the noodles didn't become thin and weak when stretched. They then ordered so many noodles from the restaurant that the owners became suspicious that the scientists were planning to open a rival restaurant. Instead they were experimenting, and found that common starch can be an ingredient for a composite that is like many of the properties in tissue. This led to the invention of a remarkable synthetic tissue. This could fundamentally change the way tissue-like materials are made, including medical implants, soft robotics and food packaging. Find out more [here](#).

Latest research articles at West Moreton Health

West Moreton Health teams co-authored 21 research articles that were published between June and August 2023:

- **Queensland Centre for Mental Health Research:** 12 research articles by QCMHR staff employed by West Moreton Health
- **Research and Innovation team:** Three research articles
- **Medicine division:** Two research articles
- **Kidney Health Services, Physiotherapy, Prison Mental Health Service and Service Evaluation Research Unit:** One research article each.
- Two collaborators from the **Critical Care and Intensive Care Unit** at West Moreton Health were acknowledged in one research paper.

West Moreton Health staff are highlighted in bold.

- Albiñana, C., Zhu, Z., Schork, A. J., Ingason, A., Aschard, H., **McGrath, J. J.**, . . . Vilhjálmsson, B. J. (2023). [Multi-PGS enhances polygenic prediction by combining 937 polygenic scores](#). *Nature Communications*, 14(1), 4702.
- Als, T. D., Kurki, M. I., Grove, J., Voloudakis, G., Therrien, K., **McGrath, J. J.**, . . . Børglum, A. D. (2023). [Depression pathophysiology, risk prediction of recurrence and comorbid psychiatric disorders using genome-wide analyses](#). *Nature Medicine*, 29(7), 1832-1844.
- Anstey, M. H., Maxwell, N., Rickard, C. M., Hammond, N. E., Knowles, S., & McGain, F. (2023). [How often are infusion sets for central venous catheters changed in Australian and New Zealand Intensive Care Units? A point prevalence survey](#). *Australian Critical Care*. Advance online publication. (***Neeraj Bhadange** and **Steven Tyler** are acknowledged as collaborators in this publication)
- Atcheson, R. J., **Burne, T. H. J.**, & Dawson, P. A. (2023). [Serum sulfate level and Slc13a1 mRNA expression remain unaltered in a mouse model of moderate vitamin D deficiency](#). *Molecular and Cellular Biochemistry*, 478(8), 1771-1777.
- **Goldfeder, S.**, **Scott, R.**, & Briggs, J. (2023). Forensic assessments of alcohol, cannabis and methamphetamine intoxication in cases of violent offending. *Journal of Law & Medicine*, 30(1), 99-130.
- Gossip, K., Pagliaro, C., Comben, C., Fjeldsoe, K., **Whiteford, H.**, & **Diminic, S.** (2023). [Using the national mental health service planning framework to inform integrated regional planning: A case study in Tasmania, Australia](#). *International Journal of Mental Health Systems*, 17(1), 23.
- **He, W.**, Mansfield, Y., & **Meehan, T.** (2023). [The impact of allied health brief therapy clinic interventions in consumers in suicidal crisis](#). *Community Mental Health Journal*. Advance online publication.
- Hede Ebbesen, B., Modrau, B., Kontou, E., **Finch, E.**, Crowfoot, G., Crow, J., . . . Turner, G. (2023). [Lasting impairments following transient ischemic attack and minor stroke: A systematic review protocol](#). *Frontiers in Neurology*, 14, 1177309.
- Horsdal, H. T., Pedersen, M. G., Schullehner, J., Østergaard, C. S., **McGrath, J. J.**, Agerbo, E., . . . Pedersen, C. B. (2023). [Perspectives on environment and health research in Denmark](#). *Scandinavian Journal of Public Health*. Advance online publication.
- Katz, I., Lane, C., Pirabhahar, S., Williamson, P., Kelly, J., **Raghunath, V.**, . . . Brown, M. (2022). [Integrated virtual medical consultations versus traditional clinic care in a public and a private outpatient service](#). *Integrated Healthcare Journal*, 4(1), e000061.
- Kenyon, S., **Careless, D.**, Navaratnam, V., & Reddy, T. (2023). [Rapidly progressive interstitial lung disease complicated by pulmonary interstitial emphysema in anti-MDA5 amyotrophic dermatomyositis](#). *Thorax*. Advance online publication.
- Köhler-Forsberg, O., Antonsen, S., Pedersen, C. B., Mortensen, P. B., **McGrath, J. J.**, & Mors, O. (2023). [Schizophrenia spectrum disorders in Denmark between 2000 and 2018: Incidence and early diagnostic transition](#). *Acta Psychiatrica Scandinavica*. Advance online publication.
- Longman, J., Patrick, R., Bernays, S., & **Charlson, F.** (2023). [Three reasons why expecting 'recovery' in the context of the mental health impacts of climate change is problematic](#).

International Journal of Environmental Research and Public Health, 20(10). Advance online publication.

- **McGrath, J. J.**, Al-Hamzawi, A., Alonso, J., Altwaijri, Y., Andrade, L. H., Bromet, E. J., . . . Kessler, R. C. (2023). [Age of onset and cumulative risk of mental disorders: a cross-national analysis of population surveys from 29 countries](#). *Lancet Psychiatry*. Advance online publication.
- Minchell, E., Rumbach, A., Farrell, A., Burns, C. L., Wong, A., & **Finch, E.** (2023). [Acute dysphagia following reperfusion therapies: A prospective pilot cohort study](#). *Dysphagia*. Advance online publication.
- **Nickels, M.**, Erwin, K., McMurray, G., Talbot, R., Strong, M., Krishnan, A., . . . Bissett, B. (2023). [Feasibility, safety, and patient acceptability of electronic inspiratory muscle training in patients who require prolonged mechanical ventilation in the intensive care unit: A dual-centre observational study](#). *Australian Critical Care*. Advance online publication.
- Pagliaro, C., Mundie, A., **Whiteford, H.**, & **Diminic, S.** (2023). [Analysis of data items and gaps in Australia's national mental health services activity and capacity data collections for integrated regional service planning](#). *Health Information Management*. Advance online publication.
- Tamang, M. K., Ali, A., Pertile, R. N., **Cui, X.**, Alexander, S., Nitert, M. D., Palmieri, C., & **Eyles, D.** (2023). [Developmental vitamin D-deficiency produces autism-relevant behaviours and gut-health associated alterations in a rat model](#). *Translational Psychiatry*, 13(1), 204.
- Thomas, G., McMahon, K. L., **Finch, E.**, & Copland, D. A. (2023). [Interindividual variability and consistency of language mapping paradigms for presurgical use](#). *Brain and Language*, 243, 105299.
- Tromp, A., Wang, H., Hall, T. E., **Mowry, B.**, & Giacomotto, J. (2023). [Optimising the zebrafish Cre/Lox toolbox. Codon improved iCre, new gateway tools, Cre protein and guidelines](#). *Frontiers in Physiology*, 14. Advance online publication.
- **Wainstein, M.**, Spyrison, N., Dai, D., Ghadimi, M., Chávez-Iñiguez, J. S., Rizo-Topete, L., . . . Shrapnel, S. (2023). [Association of country income level with the characteristics and outcomes of critically ill patients hospitalized with acute kidney injury and COVID-19](#). *Kidney International Reports*. Advance online publication.
- Wallace, D., **Meurk, C.**, Moss, A., & Heffernan, E. (2023). [Australian Defence Force Centre for Mental Health Second Opinion Clinic - First ten years of operation](#). *Australasian Psychiatry*. Advance online publication.

Upcoming events and opportunities

- **NOW OPEN: Ipswich Hospital Foundation ARAFMI Mental Health Scholarship:** supporting Higher Degree by Research in health and medicine for mental health research. Find out more [here](#).
- **12 September: Introduction to Clinical Knowledge Network (CKN)** The webinar is for Queensland Health clinicians and gives an overall introduction to what's available and

demonstrates how to perform a basic search across multiple resources using search tools.

Online from 10am - 10.30am [Register here](#)

- **12 September: Performing an Advanced Literature Search** Learn advanced searching techniques to improve the quality and precision of your searches across CKN's resources. Online from 2pm - 2.45pm [Register here](#)
- **14 September: Search Alerts and Journal Alerts** Learn how to create and customise alerts for simple and complex searches to be notified of new content. CKN provides several databases with content from thousands of medical journals. Online from 9am -9.30am [Register here](#)
- **18 September: Appraising the Literature** Critically appraising the literature requires a standardised and systematic approach. Learn how to evaluate the information you find and assess its value. Online from 11am - 11.45am [Register here](#)

Communication is key
Share these messages with your team at your next huddle

Connect with us on Facebook:
 /wmhhs

Queensland Government

connect . respect . excel

This email was sent by West Moreton Communication and Engagement,
WMCommunications@health.qld.gov.au to WMCommunications@health.qld.gov.au

[Unsubscribe](#)



Disclaimer: This email and any attachments may contain legally privileged or confidential information and may be protected by copyright. You must not use or disclose them other than for the purposes for which they were supplied. The privilege or confidentiality attached to this message and attachments is not waived by reason of mistaken delivery to you. If you are not the intended recipient, you must not use, disclose, retain, forward or reproduce this message or any attachments. If you receive this message in error, please notify the sender by return email or telephone and destroy and delete all copies. Unless stated otherwise, this email represents only the views of the sender and not the views of the Queensland Government.

Queensland Health carries out monitoring, scanning and blocking of emails and attachments sent from or to addresses within Queensland Health for the purposes of operating, protecting, maintaining and ensuring appropriate use of its computer network.
