



Gold Coast Health

Allied Health Research Activity Report 2021 – 2023



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Foreword

From our Executive Director, Allied Health



Over the past three years, and despite COVID-19 impacts, Gold Coast Health allied health clinicians commenced or completed 146 research projects resulting in 140 journal publications. Research plays such a vital role in the provision of care delivered by allied health professionals, helping to identify and evaluate innovative solutions to problems that affect our patients and workforce. Most importantly, research can lead to improved health and quality of life outcomes for our community and health service and benefits the clinicians participating in it. It's wonderful to be able to acknowledge, therefore, the range of research being undertaken by allied health professionals in a variety of clinical settings over this time.

These projects strongly align with our GCHHS strategic plan 2020-2024 including driving future focused change through using emerging technologies including machine learning and virtual reality to address clinical questions and making the best use of our resources through the evaluation of innovative models of care.

While this report is an overview of research activity, I encourage you to access the publications and reach out to the professional lead about the research which resonates with you to understand more of the impact of the research locally and beyond and opportunities for future collaborations.

I look forward to seeing the research of our allied health professionals continue to strengthen over the coming years to further enhance the health outcomes of our community.

Sara Burrett
Executive Director, Allied Health

Background

From our Director, Allied Health Research

It's inspiring to see such a diversity of Gold Coast Health allied health professionals undertake a growing body of innovative research to support clinical care. A key driver for producing this report was to showcase this research as well as increase its visibility both internally and externally. Increasing awareness of the research undertaken across Allied Health service areas may lead to meaningful new collaborations within and outside Gold Coast Health to further strengthen partnerships and the resultant research impact.



Some emerging themes and areas of strength within Allied Health research include:

- ▶ **Innovative models of care evaluation** including primary contact Allied Health clinics and multidisciplinary clinics, particularly in outpatient and community settings.

- ▶ **Rehabilitation** in the areas of stroke, traumatic brain injury and other chronic conditions.

- ▶ **Digital Solutions** including the exploration of digital platforms and artificial intelligence to support clinical care and create efficiencies.

Several research projects are also being undertaken in areas of critical care (i.e., paediatric feeding and physiotherapy management), research capacity building, pain management and medication management.

Different strategies have been used to support research within Allied Health from 2021 to 2023, including temporary discipline-specific research officer roles and ongoing opportunities for clinical backfill to undertake research. This year, our [Allied Health Research team](#), who provides targeted mentorship to the Allied Health workforce, were delighted to receive the Project Team of the Year award at the 2023 GCHHS Research and Transformation awards, in recognition of our contribution to research within the health service. Another highlight as inaugural Director of Allied Health Research (commenced in 2023) was working with the Allied Health Research team, and newly established Allied Health Research and Innovation Leadership Committee and key stakeholders, to develop a new vision and mission:

Allied Health Research Vision:

Embedding an inspiring research culture to transform and improve healthcare for our community.

Allied Health Research Mission statement:

We will nurture an inclusive research culture across Gold Coast Health Allied Health through collaboration and innovation, to lead and implement outstanding consumer-focused research which improves healthcare.

This committee were integral in helping form our new **Allied Health Research Plan 2024-2026** to further guide how Allied Health Research may continue to build our research culture and strengthen research activity into the future. With the ever-changing landscape, I am excited to see how Allied Health continue to innovate and collaborate with each other, other specialities, consumers, and key university and industry partners through research to transform healthcare for our community. Together, the future is bright!

Dr Rachel Wenke
Director, Allied Health Research

Report Scope and Acknowledgements

Scope of the report

The report includes the following metrics from January 2021 to December 2023:

- Ethically approved research projects (standard and low risk)
- Systematic reviews (including scoping reviews)
- Peer reviewed journal publications
- Successful research grant applications
- Conference presentations

While this report covers a three-year period to account for the disruptions to research during COVID, the activity report will be produced biannually in the future.

Research metrics from participating Allied Health departments as well as the Gold Coast Health Research Ethics and Governance records were accessed to build this report. The following professions were invited to provide input: audiology; clinical measurement sciences; dietetics and nutrition; medical imaging; occupational therapy; pharmacy; physiotherapy; podiatry; psychology; speech pathology; and social work. The professions that responded were included in this report. Research metrics from the Allied Health Research team were also included. Professions were given the opportunity to review and approve the content prior to publication.

Acknowledgements

This report was produced under the direction and oversight of Dr Rachel Wenke and consultation with Allied Health Research team members, Dr Laetitia Hattingh, Dr Shelley Roberts, Dr Rebecca Angus and Dr Joanne Hilder and the Allied Health Research and Innovation Leadership Committee. Sincere thanks to Allied Health Research's administrative support officer Lenore Smith for her assistance in collating and formatting the report, Dr Shelley Roberts in proofreading, and the Gold Coast Health Communications team for their assistance with graphics design and formatting.

Allied Health Research Snapshot 2021-2023

146

Ethically approved
research projects
undertaken

33

Staff undertaking/
completed a Research
Higher Degree

140

Journal Publications

\$2.79

million

in Grant Funding

122

Conference
Presentations

30

International
Conference
Presentations

1.0 Allied Health Research Team

Lead: Dr Rachel Wenke, Director of Allied Health Research

1.1 Ethically approved research projects

Study title	Investigators
Exploring allied health professionals' attitudes and perceptions towards artificial intelligence in the clinical setting: a mixed-methods study	Rachel Wenke, Laetitia Hattingh, Jane Hogan Lucy Shinnars, Brent Richards, Rebecca Angus
Co designing a consumer engagement in research framework for Gold Coast Health	Laura Ryan, Laetitia Hattingh, Rachel Wenke Joan Carlini, Kelly Weir, Margaret Shapiro, Noela Baglot
Assessment of Discipline Research Officer Intervention in Allied Health (ADROIT): A realist evaluation	Rebecca Angus, Shelley Roberts, Kelly Weir Scott Plumbridge-Jones, Rachel Wenke
Experiences in the SUPervision of Allied health Research STUDENTS by GCHHS Staff: A Qualitative Study	Rebecca Angus, Laetitia Hattingh, Kelly Weir
Implementing Good Clinical Practice Standards within Allied Health Research: A mixed-methods exploratory study	Rachel Wenke, Kelly Weir, Shelley Roberts, Rebecca Angus, Maame Owusu
Spread of structured journal clubs into clinical services using WE-TREAT: A knowledge translation approach	Rachel Wenke, Sharon Mickan, Caitlin Brandenburg, Ian Hughes, Paulina Stehlik, David Chen, Gervase Tuxworth, John Gerard, Katherine Richards, Janice Yeung
Impacts of the early COVID-19 response on allied health staff within a tertiary health service in Queensland: a qualitative study	Rebecca Angus, Shelley Roberts, Rachel Wenke, Jill Mahoney, Sara Burrett
Enhancing optimisation of the Electronic Medical Record (EMR) by Allied Health	Maria Schwarz, Liz Ward, Anne Coccetti, Josh Simmons, Sara Burrett, Philip Juffs, Kristy Perkins
TREAT Journal Clubs: "Tailoring Research Evidence And Theory" into Allied Health Journal Clubs	Rachel Wenke, Sharon Mickan, Caitlin Brandenburg, Ian Hughes, Paulina Stehlik, Katherine Richards

Note: While these projects are led by the Allied Health Research team, the team supports multiple other research projects across the other professions detailed in this report.

1.2 Publications

- Angus RL, Wenke R, Burrett S, Mahoney J, Roberts S. Impacts of the Early COVID-19 Response on Allied Health Staff Within an Australian Tertiary Health Service: A Qualitative Study. *J Multidiscip Healthc*. 2023;16:3833-3846 <https://doi.org/10.2147/JMDH.S428710>
- Michaleff ZA, Hattingh L, Greenwood H, Mickan S, Jones M, van der Merwe M, Rae T, Carlini J, Henry D, Stehlik P, Glasziou P, Keijzers G. Evaluating the use of clinical decision aids in an Australian emergency department: A cross-sectional survey. *Emergency Medicine Australasia*. 2023; published online 14 Nov 2023. <https://doi.org/10.1111/1742-6723.14338>
- Hopper Z, Desbrow B, Roberts S, Irwin C. Preparation procedures of food and beverage samples for oxygen bomb calorimetry: A scoping review and reporting checklist. *Journal of Food and Drug Analysis* 2023; 31(2): 232-243.
- Wilson A, Hope D, Hattingh L. The Evolving Public Health Role of Pharmacists in Pandemics: A Scoping Review. *Australian Pharmacy Students' Journal*. 2023; 2(1):18-25. <https://doi.org/10.55136/apsj216>
- Marshall AP, Van Scoy LJ, Chaboyer W, Chew M, Davidson J, Day AG, Martinez A, Patel J, Roberts S, Skrobik Y, Taylor B, Tobiano G, Heyland DK. A randomised controlled trial of a nutrition and a decision support intervention to enable partnerships with families of critically ill patients. *Journal of Clinical Nursing* 2023; 32:6723–6742.
- Weaver MJ, Mok D, Hughes I, Hattingh HL. Effect of a senior cardiology nursing role on streamlining assessment of emergency cardiology presentations during COVID-19: An observational study. *Heart, Lung and Circulation*. 2023; <https://doi.org/10.1016/j.hlc.2023.02.012>
- Wenke R, Roberts S, Angus R, et al. “How do I keep this live in my mind?” Allied Health Professionals’ perspectives of barriers and enablers to implementing good clinical practice principles in research: a qualitative exploration. *BMC Health Serv Res* 23, 2023; 309 <https://doi.org/10.1186/s12913-023-09238-5>
- Wenke R, Stehlik P, Gerrard J, Mickan S, Henry D. Using a journal club to navigate a maze of COVID-19 papers in a front-line hospital service. *BMJ Evid Based Med*. 2023 Jun; 28(3):210-211. doi: 10.1136/bmjebm-2022-112130.
- Schwarz M, Ward EC, Coccetti A, Simmons J, Burrett S, Juffs P, Perkins K, Foley J. Identifying opportunities to optimise the electronic medical record for allied health professionals: a concept mapping study. *Australian Health Review* 2023
- Roberts S, Gomes K, Rattray M. Dietitians' perceptions of identifying and managing malnutrition and frailty in the community: A mixed-methods study. *Nutrition & Dietetics*. 2023; 80(5):511-520. doi:10.1111/1747-0080.12799
- Tobiano G, Roberts S, Muir R, Jerofke-Owen T, Ting C, Thorning S, Heyland DK, Marshall AP. (2023). Patient-mediated interventions in hospital: A systematic review. *Journal of Advanced Nursing*, 79, 418–441. <https://doi.org/10.1111/jan.15500>
- Gillespie BM, Walker R, Lin F, Roberts S, Eskes A, Nieuwenhoven P, Perry J, Birgan S, Gerraghy E, Probert R, Chaboyer W. Nurse-delivered patient education on postoperative wound care: a prospective study. *Journal of Wound Care* 2023; 32(7):437-444.
- Walker R, Rattray M, Sladdin I, Chaboyer W, Lin F, Roberts S, Perry J, Birgan S, Nieuwenhoven P, Garrahy E, Probert R, Gillespie B. Surgical wound care preferences and priorities from the perspectives of patients: a qualitative analysis. *Journal of Wound Care* 2023; 32(Sup1): S19-27.
- Byambasuren O, Hattingh L, Jones M, Obucina M, Craig L, Clark J, Hoffman T, Glasziou P, Cardona M. Two decades of overuse and underuse of interventions for primary and secondary prevention of cardiovascular diseases: a systematic review. *Current Problems in Cardiology*, 2023 Mar;48(3):101529.

<p>Angus RL, Hattingh HL, Weir KA. Experiences of hospital allied health professionals in collaborative student research projects: a qualitative study. BMC Health Serv Res 22, 2022; 729. https://doi.org/10.1186/s12913-022-08119-7</p>
<p>Wenke R, Wiseman J, Brandenburg C, Stehlik P, Hughes I, Richards K, Mickan S. Long term tailored implementation of structured "TREAT" journal clubs in allied health: a hybrid effectiveness-implementation study. BMC Medical Education, 2022; April 22(1): p. 307.</p>
<p>Mickan S, Wenke R, Weir K, Bialocerkowski A, Noble C. Using knowledge brokering activities to promote allied health clinicians' engagement in research: a qualitative exploration, BMJ Open, 2022; 12 (4) e058453</p>
<p>Ratray M, Roberts S. Dietitians' perspectives on the coordination of nutrition care for malnourished and/or frail clients in the community and transitioning from hospital: a descriptive qualitative study. Healthcare 2022; 10(6): 986</p>
<p>Gomes K, Desbrow B, Irwin C, Roberts S. Patient and staff perceptions on using bioelectrical impedance analysis in an outpatient haemodialysis setting: a qualitative descriptive study. Healthcare 2022; 10(7): 1205.</p>
<p>Norton L, Hart L, Butel F, Moloney S, O'Connor N, Attenborough V, Roberts S. Promoting Confident Body, Confident Child in community child health: a mixed-methods implementation study. Health Promotion Journal of Australia 2022; 33(1): 297-305.</p>
<p>Hilder J, Whittaker A. Researching the effectiveness of interventions that improve the development and management of decision making and working with risk. In The Sage handbook of decision making, assessment and risk in social work. Sage. 2023</p>
<p>Hilder J, Bearman M, Ajjawi R, Castanelli D, Molloy E, Ward N, Watling C, Woodward-Kron R. Feedback cultures in specialty training final report. 2022</p>
<p>Haugstetter C, Mason R, Sanmugarajah J, Hattingh L. Evaluation of a new emergency department avoidance model of care, the Cancer Urgent Assessment Clinic, in response to the COVID-19 pandemic. Emergency Cancer Care. 2022; 1:11 https://doi.org/10.1186/s44201-022-00011-8</p>
<p>Hopper M, Roberts S, Wenke R, Hopper Z, Bromiley L, Whillans C, Marshall AP. Improving accuracy of texture modified diets and thickened fluids provision in the hospital: evidence in action. Dysphagia 2022; 37(3): 488-500.</p>
<p>Cardona M, Craig L, Jones M, Byambasuren O, Obucina M, Hattingh L, Clark J, Glasziou P, Hoffman T. Guideline adherence as an indicator of the extent of antithrombotic overuse and underuse: a systematic review. Global Heart. 2022; 17(1):55 (IF 3,862, Q1) DOI: https://doi.org/10.5334/gh.1142</p>
<p>Hattingh HL, Michaleff ZA, Fawzy P, Du L, Willcocks K, Tan M, Keijzers G. Ordering of computed tomography scans for head and cervical spine: a qualitative study exploring influences on doctors' decision-making. BMC Health Services Research (IF 3.336, Q1). 2022; 22:790. https://doi.org/10.1186/s12913-022-08156-2</p>
<p>Finch E, Ivanek, M, Wenke R. The who, why, when, where, what and how of using outcome measures in dysarthria: A qualitative exploration of speech-language pathologists' perspectives, International Journal of Speech Language Pathology, 2021; 17 (1-10)</p>
<p>Bakhit, M, Krzyzaniak N, Hilder J, Clark J, Scott A, Del Mar C. Does methenamine hippurate decrease urinary tract symptoms in community adult women: a systematic review and meta-analysis. British Journal of General Practice. 2021</p>

Brandenburg, C, Noble C, Wenke R, Hughes I, Barrett A, Wellwood J, Mickan, S, Relationship Between Research Culture and Research Activity of Medical Doctors: A Survey and Audit. *Journal of Multidisciplinary Healthcare*, 14, 2021; 2137-2150.

Collins P, Nathan A, Roberts S, Wilkinson T. Effective nutrition support for patients with chronic obstructive pulmonary disease: managing malnutrition in primary care. *British Journal of General Practice* 2021; 71(710): 427-428.

Roberts S, Collins P, Rattray M. Identifying and managing malnutrition, frailty and sarcopenia in the community: a review. *Nutrients* 2021; 13(7): 2316.

Rattray M, Marshall A, Desbrow B, Vonpappen M, Roberts S. Assessment of an integrated knowledge translation intervention to improve nutrition intakes among patients undergoing elective bowel surgery: a mixed-method process evaluation. *BMC Health Services Research* 2021; 21: 514.

Kelly J, Collins P, McCamley J, Ball L, Roberts S, Campbell K. Digital disruption of dietetics: are we ready? *Journal of Human Nutrition and Dietetics* 2020; 34(1): 134-146.

Roberts S, Chaboyer W, Hopper Z, Marshall AP. Using technology to promote patient engagement in nutrition care: a feasibility study. *Nutrients* 2021; 13(2): 314.

Rattray M, Desbrow B, Marshall A, Vonpappen M, Roberts S. Evaluation of an intervention to improve nutrition intakes among elective colorectal surgery patients: a mixed-methods pilot study. *Nutrition* 2021; 84:111015.

Pandey M, Ozberk V, Eskandari S, Shalash AO, Joyce MA, Saffran HA, Hattingh HL, et al Antibodies to neutralising epitopes synergistically block the interaction of the receptor binding domain of SARS-CoV-2 to ACE 2. *Clinical and Translational Immunology* (IF 6.161, Q1). 2021; 10(3) doi: 10.1002/cti2.1260

Hope D, Day G, Clements J, Hattingh L. Australian Community Pharmacists' Perceptions of Public Health Prior to the COVID-19 Pandemic. *International Journal of Pharmacy Practice* (Q1). 2021; 29(3):291-295 doi:10.1093/ijpp/riaa010

1.3 Grants awarded

Title	Investigators	Grant scheme	Amount
Effect of low volume vs. standard oral nutrition supplements on nutrition intakes and supplement wastage in hospital: a pilot comparative effectiveness trial	Shelley Roberts	Unrestricted educational grant provided by Nutricia Australia 2022	\$25,000

Effectiveness of the Allied Health Demand and Capacity Management (AHDC) Tool to improve patient flow: A mixed methods design	Dominique Murray, Rachel Wenke, Kelly Weir, Sara Burrett, Ashlea Walker, Rachael Smithson, Christopher Ogg, Reece Chang, Andrew Shaw	HP Research Grant Scheme 2021	\$28,270
OT pathway for mTBI ED presentations	Lauren Heslop, Lauren Heslop, Alexandra Karwaj, Alice Murray, Shane George, Don Campbell, Rachel Wenke	Emergency Medicine Foundation 2021	\$99,423
OT pathway for mTBI ED presentations	Lauren Heslop, Alexandra Karwaj, Alice Murray, Shane George, Don Campbell, Rachel Wenke	HP Research Grant Scheme 2021	\$29,985
Managing food allergies in hospital – how can we optimise nutrition intake and patient satisfaction while maintaining safety?	Leisa Bromiley, Rebecca Angus, Kate Affleck, Alexandra Clarke, Shelley Roberts, Lauren Tomacek	GCHHS Collaborative Research Grant Scheme 2021	\$70,027
Development of clinical audit course in partnership with the Gold Coast Hospital and Health Service	Roselyn Rose'Meyer, Laetitia Hattingh, Jason Peart, Ian Cassady	Griffith University School of Pharmacy and Medical Science seeding Grant	\$5,000
Increasing student satisfaction through innovative blended learning approaches	Roselyn Rose'Meyer, Mark Forwood, Indu Singh, Jenny Wilson, Barbara Hadley, Nikki Fozzard, Kim Cartwright, Mary-Ann Shuker, Laetitia Hattingh, Ian Cassady, Jason Peart, Natalie Colson	Griffith University 2021 Health Group Learning & Teaching Grant	\$9,805

1.4 Conference presentations

Name	Type	Audience
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Wenke R, Wiseman J, Brandenburg C, Stehlik P, Chen D, Tuxworth G, Hughes I, Richards K, Yeung J, Gerard J, Mickan S. How a web-based expert system can help spread the TREAT Journal Club format into clinical services: A knowledge translation approach, Evidence Implementation Summit, Melbourne, 9-11 October 2023.	Oral	National
Roberts S, Bromiley L, Hopper Z, Kelly J, Byrnes J, Ball L, Collins P, Marshall A. Patient-led, technology-assisted malnutrition risk screening in hospital. 45th ESPEN Congress; Lyon, France, 11-14 September 2023.	Poster	International
Roberts S, Gomes K, Angus R. Low volume vs standard oral nutrition supplement wastage in hospital: a pilot comparative effectiveness trial. 45th ESPEN Congress; Lyon, France, 11-14 September 2023.	Poster	International
Angus RL, Wenke R, Burrett S, Mahoney J, Roberts S. Impacts of the early COVID-19 response on allied health staff within a tertiary health service in Queensland: a qualitative study. 15th National Allied Health Conference. Perth, Western Australia, 7-9 August 2023.	Poster	National
Angus RL, Hattingh L, Weir K. What are the determinants of success for healthcare organisation collaboration in allied health student research projects? 5th National Allied Health Conference, Perth, Western Australia 7-9 August 2023.	Oral	National
Wenke R, Roberts S, Angus R, Owusu M, Weir K. "How do I keep this live in my mind?" AHP's perspectives of barriers and enablers to implementing Good Clinical Practice principles in research: A qualitative exploration 15th National Allied Health Conference, Perth, Western Australia, 7-9 August 2023.	Oral	National
Chen YY, Marshall A, Hattingh L, Howes L, Jayasinghe R, Poulter R, Singba Y, Starmer G, Wu C, Yadav R, Smith I. Retrospective assessment of eligibility for same-day discharge following elective percutaneous coronary intervention and potential cost-savings in six Queensland public hospitals. The 32nd Annual Scientific Meeting (ASM) of the Australian Cardiovascular Health and Rehabilitation Association (ACRA), Perth, Western Australia, 31 July-02 August 2023.	Oral	National
Chen YY, Marshall A, Hattingh L, Howes L, Jayasinghe R, Poulter R, Singbal Y, Starmer G, Wu C, Yadav R, Smith I. Same-day discharge following percutaneous coronary intervention: Prevalence, trends, inter-hospital variation, and costs in Queensland, Australia. 27th Asian Pacific Society of Cardiology Congress, Singapore, 13-15 July 2023.	Oral	International
Wenke R, Weir K, Ward E, Finch E. Demystifying Research: Practical strategies for increasing Speech Pathologists research engagement in the clinical setting. Speech Pathology Australia Conference, Hobart, 21- 25 May 2023	Workshop	National

Roberts S, Rattray M. An evidence-based guide for identifying and managing malnutrition and frailty in the community setting. 44th ESPEN Congress, Vienna, Austria, 3-6 September 2022.	Poster	International
Roberts S, Gomes K, Desbrow B, Irwin C. The feasibility, acceptability and clinical value of bioelectrical impedance analysis in the outpatient haemodialysis setting. 44th ESPEN Congress, Vienna, Austria, 3-6 September 2022.	Poster	International
Roberts S, Nucera R, Dowd T, Turner K, Langston K, Keller H, Bell J, Angus R. Prospective validation of the GLIM criteria for identifying malnutrition: a pilot study. 44th ESPEN Congress, Vienna, Austria, 3-6 September 2022.	Poster	International
English C, Lynch E, Hill K, Wenke R. Living Stroke Guidelines 2022: updates and implementation considerations, Smart Strokes, Sydney, 18-19 August 2022.	Panel	National
Roberts S, Rattray M. An evidence-based guide for identifying and managing malnutrition and frailty in the community setting. Dietitians Australia 2022 Conference, Adelaide, 14-16 August 2022.	Oral	National
Mok D, Weaver M, Hughes I, Hattingh L. Evaluation of the emergency Cardiology Coordinator, a senior nursing role within the Emergency Department. Annual scientific meeting of the Cardiac Society of Australia and New Zealand, Gold Coast 11-14 August 2022.	Poster	International
Corvin J, Mozolic-Staunton B, Hoskinson Z, Hattingh L, Plumbridge-Jones R. The effects of virtual reality interventions on occupational participation and burden of disease in palliative care patients. OT Exchange 2022, Melbourne, 9-10 June 2022.	Oral	National
Hilder J, Wilson J, Petersen M. A framework to prioritise social work referrals in hospital settings. The 26th Asia-Pacific Regional Social Work Conference, online, 2021.	Oral	International
Hilder J, Wilson J, Petersen M. Understanding prioritisation decisions made by hospital social workers. Decision, Assessment and Risk Special Interest Group of ESWER, online, 2021.	Oral	International
Hilder J, Wilson J, Petersen M. A framework to prioritise social work referrals in hospital settings. The 26th Asia-Pacific Regional Social Work Conference, online, 2021.	Oral	International
Hilder J, Wilson J, Petersen M. Clinical priorities for hospital social workers: gaining a consensus through a Delphi survey. 5th International Conference of Practice Research, online, 2021.	Oral	International
Roberts S, Collins P, Rattray M. Australian and New Zealand dietitians' perspectives on managing malnutrition and frailty in	Oral	National

the community setting. AuSPEN 2021 Digital Conference, online, 18-20 November 2021.		
Angus R, Hattingh L, Weir K. Hospital allied health staff experiences of collaborative student research projects: A qualitative study. Gold Coast Health Research Showcase, Gold Coast, 29-30 November 2021.	Poster	Local
Fawzy P, Shenoda J, Hattingh L, Keijzers G. CT Head in ED patients with mild traumatic head injury: a descriptive study of ordering rationale and impact on management. Gold Coast Health Research Showcase, Gold Coast, 29-30 November 2021.	Poster	Local
Weaver M, Mok D, Hattingh L, Hughes I. Evaluation of the role of an Emergency Cardiology Coordinator Nurse within the Emergency Department. Gold Coast Health Research Showcase, Gold Coast, 29-30 November 2021.	Poster	Local
Haugstetter C, Hattingh L, Mason R, Sanmugarajah J. The Cancer Urgent Assessment Clinic (CUAC), an evaluation of a new model of care in response to the COVID-19 pandemic. Gold Coast Health Research Showcase, Gold Coast, 29-30 November 2021.	Poster	Local
Roberts S, Rattray M, Collins P. Development of an Australian and New Zealand guideline for the identification and management of malnutrition and frailty in the community setting. ESPEN 2021 Virtual Congress, 9-14 September 2021 (virtual event).	Poster	International
Roberts S, Rattray M, Collins P. Developing Australian New Zealand guidance for identifying and managing malnutrition and frailty in the community. Dietitians New Zealand conference, Christchurch, New Zealand (and virtual), 8-9 Sep 2021.	Oral	International
Wenke R, Wiseman J, Brandenburg C, Stehlik P, Hughes I, Richards K, Mickan S. Tailoring Research Evidence and Theory (TREAT) into Allied Health Journal clubs: An Implementation Study, 14th Annual National Allied Health Conference, online, 9-12 August 2021.	Oral	National
Roberts S, Norton L, O'Connor N, Attenborough V, Butel F, Moloney S. Implementing eating disorder prevention program 'Confident Body, Confident Child' into community child health services: a knowledge translation study. 14th National Allied Health Conference, online, 9-12 August 2021.	Oral	National
Roberts S, Howard Z, Weir K, Nucifora J, Smith L, Baker N, Townsend H, Ross L. An exercise training and healthy eating group program (ATHENA) for overweight and obese women with urinary incontinence: translating evidence into practice. 14th National Allied Health Conference, online, 9-12 August 2021.	Oral	National

Wenke R, Mickan S. How to run an evidence based structured journal club to optimise clinical practice, 14th Annual National Allied Health Conference, online, 9-12 August 2021.	Workshop	National
Wenke R, Weir K, Mickan S. How to increase allied health research engagement at an individual, team and organisational level, 14th Annual National Allied Health Conference, online, 9-12 August 2021.	Workshop	National
Roberts S, Kelly J, McCray S, Ball L, Williams L, Clark P, Collins P. Leveraging digital nutrition solutions to improve patient care: how dietitians can lead digital health innovation. Dietitians Australia 2021 Conference, Melbourne, 11-13 July 2021.	90-minute seminar	National
Roberts S, Howard Z, Weir K, Nucifora J, Baker N, Smith L, Townsend H, Ross L. Feasibility and acceptability of an exercise training and healthy eating group program (ATHENA) for overweight and obese women with urinary incontinence. Dietitians Australia 2021 Conference, Melbourne, 11-13 July 2021.	Oral	National
Hilder J, Petersen M, Wilson J. Understanding what factors impact hospital social workers prioritisation of referrals: A qualitative study. European Conference of Social Work Research. Bucharest, Romania, 5-7 May 2021.	Oral	International

2.0 Audiology

Lead: Jennifer Eakin, Advanced Audiologist

2.1 Ethically approved research projects

Title	Investigators
Evaluating Diagnostic and management agreement between Audiology and ENT: A prospective inter-rater agreement study in a paediatric primary contact clinic	Jennifer Eakin, Simone Michael, Christopher Payten, Tamsin Smith, Vicky Stewart, Elle Noonan, Kelly Weir

2.2 Publications

Eakin J, Michael S, Payten C. et al. Evaluating diagnostic and management agreement between audiology and ENT: a prospective inter-rater agreement study in a paediatric primary contact clinic. BMC Pediatr 22, 2022; 646 <https://doi.org/10.1186/s12887-022-03695-3>

2.3 Grants awarded

Title	Investigators	Grant Scheme	Amount
Measuring concordance of diagnostic impressions and management between Allied Health primary contact clinicians and an ENT practitioner	Jennifer Eakin	Allied Health SERTA Research seeding grants	\$2,970

2.4 Conference presentations

Name	Type	Audience
Keszegi S, Eakin J. Unpacking the management of transient conductive hearing loss detected through newborn hearing screening. Australasian Newborn Hearing Screening Conference, Hobart, 3rd March 2023.	Oral	International
Eakin,J. Evaluating diagnostic and management agreement between an audiologist and ear, nose and throat specialist in a paediatric primary contact clinic, Gold Coast Health Research Showcase 30th November 2021.	Oral	Local
Michael S, Eakin J. Evaluating diagnostic and management agreement between an audiologist and ear, nose and throat	Oral	National

specialist in a paediatric primary contact clinic. Audiology Australia 2021 conference, online, 19th May 2021.

3.0 Dietetics

Lead: Nicole Ross, Director of Nutrition and Food Services

3.1 Ethically Approved Research Projects

Title	Investigators
Dietitian confidence and practice in managing Eating Disorders during Pregnancy	Tamara Parker, Rebecca Angus
Dietitians' Perspectives on Arginine Supplementation	Alexandra Clarke, Shelley Roberts, Rebecca Angus
The SyNApTIC Study – SarcoopeNia, frAiLty, and malnutrition in the geriatrIC rehabilitation	Keanne Langston, Shelley Roberts, Barbara van der Meij, Skye Marshall, Pallavi Bansal, Ali Longmire, James Furness, Emily Smith, Kate Ninness.
FORGE - Feasibility Of a pRospective validation study of the GLIM	Romina Nucera, Shelley Roberts, Rebecca Angus, Todd Leeder, Keanne Langston, Louise Webley
FORAGE: Managing food allergies in hospital – how can we optimise nutrition intake and patient satisfaction while maintaining safety?	Leisa Bromiley Kate Affleck, Alexandra Clarke, Lauren Tomecek, Shelley Roberts, Rebecca Angus
Feasibility of patient-led, technology-assisted nutrition screening in hospital	Shelley Roberts, Jaimon Kelly, Peter Collins, Zane Hopper, Leisa Bromiley, Lauren Ball
Achieving value – based health care: Development of an integrated evaluation framework for assessing value of extended scope of practice models of care in allied health	Rumbidzai Mutsekwa, Rebecca Angus, Katrina Campbell, Joshua Byrnes, Vicki Larkins, Russel Canavan, Alan Spencer, Liza-Jane McBride
Low-Carbohydrate Diet and Glycemic Control in Australian Adults Living With Type 1 Diabetes	Janine Paul, Rati Jani, Mark Jones, Peter Davoren, Catherine Knight-Agarwal

Improving nutrition intake after trauma: the IGNITE study	Andrea Marshall, Martin Wulschleger, Lisa Mahoney, Shelley Roberts, Natalie Rose, Angelly Martinez, Bhavik Patel, Elizabeth Wake, Daren Heyland
Dietary Management of Acute Uncomplicated Diverticulitis (DEMAND)	Julie Jenkins, Romina Nucera, Yvonne Chen, Kayla Carlton, Skye Marshall, Megan Chrichton, Camilla Dahl, Fiona Eberhardt, Phoebe Dalwood, Shelley Roberts
What is the diet quality and self-efficacy of adults with chronic kidney disease	Erynn McAuley, Meri Manafi
Evaluation of the Supervisory Skills of Bond University Master of Nutrition and Dietetic Practice Program's Clinical Internship Supervisors	Christina Turner, Dianne Reidlinger, Anna Millichamp, Amelia Webster, Sherry (Xueying) Tang, Todd Leeder
Effect of low volume vs. standard oral nutrition supplements on nutrition intakes and supplement wastage in hospital: a pilot comparative effectiveness trial	Shelley Roberts, Rebecca Angus, Kristin Gomes
Feasibility of a patient- and family-mediated intervention to improve functional ability following recovery from critical illness (PIVOTAL)	Andrea Marshall, Daren Heyland, Georgia Tobiano, Shelley Roberts, Angelly Martinez, Lisa Mahoney, Lauren O'Connor, Nick Murphy, Marc Nickels, Kristen Ranse

3.2 Publications

Reilly C, Ross N. Blended Tube Feeding. In: Stewart RM. The Handbook of Maternal and Paediatric Dietetics. 2 nd Edition, 2023; Chapter 8.pp1-14.
Chan HCN, Xinzhu F, Leung ELY, Langston K, Marshall S, van der Meij BS. Post-discharge consequences of protein-energy malnutrition, sarcopenia, and frailty in older adults admitted to rehabilitation: A systematic review. Clin Nutr ESPEN. 2023 Apr; 54:382-397.
Hopper Z, Desbrow B, Roberts S, Irwin C. Preparation procedures of food and beverage samples for oxygen bomb calorimetry: A scoping review and reporting checklist. J Food Drug Anal. 2023; 31(2):232-243
Parra Guasca M, Manafi M, Parnham A, Angus R. Use of a very low calorie diet for weight loss in a patient with acute kidney injury and class III obesity: A case study. J Renal Nutr 2023 Jun 10; S1051-2276(23)00091-2.

Mutsekwa RN, Campbell KL, Canavan R, Mulhern B, Angus RL, Byrnes JM. Patient preferences for attributes that characterise alternative models of care in gastroenterology: A discrete choice experiment. *The Patient-Patient-Centered Outcomes Research*, 2023; 16(2), 165-177.

Branjerdporn G, Hudson C, Sheshinski R, Parlato L, Healey L, Ellis A, Reid A, Finnerty C, Arnott R, Curtain R, McLean M, Parmar S, Roberts S. Evaluation of an inpatient psychiatric mother-baby unit using a patient reported experience and outcome measure. *Int J Environ Res Public Health*. 2022; 19(9):5574.

Mutsekwa RN, Byrnes JM, Larkins V, Canavan R, Angus RL, Campbell KL. Role substitution of specialist medical doctors with allied-health professionals – A qualitative exploration of patients' experiences and perceptions of healthcare quality. *J Eval Clin Pract*. 2022; 8(6):1096-1105.

Paul J, Jani R, Jones M, Davoren P, Knight-Agarwal C. Association between a low-carbohydrate diet, glycemic control, and quality of life in Australian adults living with type 1 diabetes: A pilot study. *Endocrine Practice: Official Journal of the American College of Endocrinology and the American Association of Clinical Endocrinologists*. 2022; 28(11):1125-1131.

Purcell, L, Mutsekwa, R, Angus, R, Shukla D, Palmer M. Is the frequency of dietitian support associated with greater clinical improvements in adults with Crohn's disease undertaking exclusive enteral nutrition? *J Hum Nutr Diet*. 2022; 35:435-443

Ramaswamy PH. Gold Coast Inflammatory Bowel Disease Research group. Exclusive enteral nutrition with oral polymeric diet helps in inducing clinical and biochemical remission in adults with active Crohn's Disease. *JPEN* 46(2):423-432

Mutsekwa RN, Wright C, Byrnes JM, Canavan R, Angus RL, Spencer A, Campbell KL. Measuring performance of professional role substitution models of care against traditional medical care in healthcare—A systematic review. *J Eval Clin Pract*. 2021; 1- 10.

Wright C, Mutsekwa RN, Hamilton K, Campbell KL, Kelly J. Are eHealth interventions for adults who are scheduled for or have undergone bariatric surgery as effective as usual care? A systematic review. *Surgery for Obesity and Related Diseases*. 2021; 17(12):2065-2080.

Hopper M, Roberts S, Wenke R, Hopper Z, Bromiley L, Whillans C, Marshall AP. Improving accuracy of texture modified diets and thickened fluids provision in the hospital: evidence in action. *Dysphagia* 2022; 37(3): 488-500.

Roberts S, Hopper Z, Chaboyer W, Gonzalez R, Banks M, Desbrow B, Marshall AP. Engaging hospitalised patients in their nutrition care using technology: development of the NUTRI-TEC intervention. *BMC Health Serv Res*. 2020 Feb 27; 20(1):148.

Norton L, Hart LM, Butel F, Moloney S, O'Connor N, Attenborough V, Roberts S. Promoting Confident Body, Confident Child in community child health: A mixed-methods implementation study. *Health Promot J Austral*. 2022; 33(1): 297-305.

Paul J, Jani R, Davoren P, Knight-Agarwal C. Association between a low carbohydrate diet, quality of life, and glycemic control in Australian adults living with Type 1 Diabetes: Protocol for a mixed methods pilot study. *JMIR Res Protoc*. 2021 Mar 26; 10(3):e25085.

Roberts S, Chaboyer W, Hopper Z, Marshall AP. Using technology to promote patient engagement in nutrition care: a feasibility study. *Nutrients* 2021; 13(2): 314.

3.3 Grants Awarded

Title	Investigators	Grant Scheme	Amount
Managing food allergies in hospital – how can we optimise nutrition intake and patient satisfaction while maintaining safety?	Leisa Bromiley, Rebecca Angus, Shelley Roberts, Alexandra Clarke, Kate Affleck, Lauren Tomecek	GCHHS Collaborative Grants Scheme 2021	\$70,027

3.4 Conference Presentations

Title	Type	Audience
Gomes K, Bell J, Desbrow B, Roberts S. From hospital to home: Does the nutrition care provided to malnourished older adults meet ESPEN guideline recommendations. 45th ESPEN Congress, Lyon, France, 11-14 Sep 2023.	Poster	International
Roberts S, Bromiley L, Hopper Z, Kelly J, Byrnes J, Ball L, Collins P, Marshall A. Patient-led, technology-assisted malnutrition risk screening in hospital. 45th ESPEN Congress, Lyon, France, 11-14 Sep 2023.	Poster	International
Roberts S, Gomes K, Angus R. Low volume vs standard oral nutrition supplement wastage in hospital: a pilot comparative effectiveness trial. 45th ESPEN Congress, Lyon, France, 11-14 Sep 2023.	Poster	International
Paul J, Jani R, Jones M, Davoren P, Knight-Agarwal C. Association between a low-carbohydrate diet, glycemic control, and quality of life in Australian adults living with Type 1 Diabetes: A pilot. Australasian Diabetes Congress Adelaide, 23-25 August 2023.	Oral	International
Parker T, Angus R. Dietitian confidence and practice in the management of eating disorders during pregnancy. 21st Annual Aus-NZ Academy for Eating Disorders (ANZAED) Conference, Gold Coast, 22-24 Aug 2023.	Oral	International
Parker T, Angus R. Case Report: Dietetic management of Anorexia Nervosa in a twin pregnancy. 21st Annual Aus-NZ Academy for Eating	Poster	International

Disorders (ANZAED) Conference, Gold Coast, 22-24 Aug 2023.		
Mutsekwa RN, Campbell KL, Canavan R, Angus RL, McBride LJ, Byrnes JM. Measuring performance in allied health professional role substitution models of care: A clinician survey. 15th National Allied Health Conference, Perth, Western Australia, 7-9 Aug 2023.	Oral	National
Kuo H, Tognolini K, Willmann L, Haig A, Subhaharan D, Mutsekwa R, Shukla D, Moattar H, Dorrington A, Ishaq N, Bhullar M, Edwards J, Mohsen W, Kakkadasam Ramaswamy P, Gold Coast Inflammatory Bowel Diseases Research Group. P776 Polymeric exclusive enteral nutrition induces biochemical remission in adults with active Crohn's Disease irrespective of disease location or concomitant steroid use, Journal of Crohn's and Colitis, Volume 17, Issue Supplement_1, February 2023, Pages i908–i910. 18th Congress of ECCO Copenhagen, Denmark, March 1-4, 2023	Poster	International
Parra Guasca M, Manafi M, Parnham A, Angus RL. Use of a Very Low Energy Diet for weight loss in a patient with acute kidney injury : A patient centred approach to weight loss during a protracted hospital admission. AuSPEN, Melbourne, 17-19 Nov 2022.	Poster	National
Parra Guasca M, Manafi M, Parnham A, Angus RL. Use of a Very Low Energy Diet for weight loss in a patient with acute kidney injury : A patient centred approach to weight loss during a protracted hospital admission. Gold Coast Health Research Showcase, Gold Coast, 8-9 Nov 2022.	Poster	Local
Parra Guasca M, Manafi M, Parnham A, Angus RL. Use of a Very Low Energy Diet for weight loss in a patient with acute kidney injury : A patient centred approach to weight loss during a protracted hospital admission. Australian New Zealand Society of Nephrology Annual Scientific Meeting, Sydney, 17-19 Oct 2022.	Poster	International
Roberts S, Nucera R, Dowd T, Turner K, Langston K, Keller H, Bell J, Angus R. Prospective validation of the GLIM criteria for identifying malnutrition: a pilot study. 44th ESPEN Congress, Vienna, Austria, 3-6 Sep 2022.	Poster	International
Mutsekwa RN, Wright C, Byrnes JM, Canavan R, Angus RL, Spencer A, Campbell KL. Measuring performance of professional role substitution models of care against traditional medical care in	Poster	Local

healthcare—A systematic review. Gold Coast Health Research Showcase, Gold Coast, 29-30 Nov 2021.		
Mutsekwa RN, Larkins V, Canavan R, Spencer A, Angus RL, Byrne J, Campbell K. Role substitution of specialist medical doctors with allied-health professionals, a qualitative exploration of patient's experiences and perceptions of healthcare quality. Gold Coast Health Research Showcase, Gold Coast, 29-30 Nov 2021.	Lightning Talk	Local
Salmon M, Brett G, Angus R. Post treatment gastrostomy tube dependency in head and neck radiation oncology patients. Gold Coast Health Research Showcase, Gold Coast, 29-30 Nov 2021.	Lightning Talk	Local
Purcell L, Mutsekwa RN, Angus RL, Shukla D, Palmer M. Is frequency of dietitian support associated with greater clinical improvements in adults with Crohn's disease undertaking Exclusive Enteral Nutrition (EEN)? 46th AuSPEN 2021 (Aust. Society for Enteral and Parenteral Nutrition), Adelaide, Nov 18-20 2021.	Oral	National
Roberts S, Norton L, O'Connor N, Attenborough V, Butel F, Moloney S. Implementing eating disorder prevention program 'Confident Body, Confident Child' into community child health services: a knowledge translation study. 14th National Allied Health Conference, virtual, 9-12 Aug 2021.	Oral	National
Hopper M, Roberts S, Wenke R, Hopper Z, Bromiley L, Whillans C, Marshall A. Improving accuracy of texture modified diets and thickened fluids provision in the hospital: Evidence in action. Speech Pathology Australia 2021 National Conference, online, 31 May – 2 June 2021.	Oral	National

4.0 Occupational Therapy

Lead: Ashlea Walker, Director of Occupational Therapy; Scott Plumbridge, A/Director of Occupational Therapy.

4.1 Ethically approved research projects

Study Title	Investigators
Assessing the utility of the BrainEye application in identifying and monitoring concussion	Joanne Fielding, Lauren Heslop, Rachel Wenke, Gerben Keijzers
Acute- Consumer and clinician perspectives of the management of end-stage kidney disease- development of a clinical practice guidelines for occupational therapy.	Isabeau Given, Susan Brandis, Olivia Palac
(REHAB) HomeTRIAL - Comparing the effectiveness of OT home visit discharge planning to in-hospital consultation to improve participation after stroke	Gabrielle Pashley, Jane O'Connell, Holly Colefax, Chloe Hanley; Laura Moore, Caitlin Quarmby, Sinead Kelly, Natasha Lannin
Review of new evidence for GBS and rehabilitation	Jane O'Connell, Hannah Davies, Ruby Weston, Arial Huang, Kate Christopher
Effectiveness of a Primary Contact Hand Therapy telehealth screening clinic for patients referred for Dupuytren's contracture.	Trancy Fong, Ashleigh Andrews, Anna Scott, Jon McPherson, Amy Evert, Karina Lewis, Mischa Gurney, Anna Begbie
The effects of Virtual Reality Interventions on Occupational participation and burden of disease in palliative patients	Zara Hoskinson, Laetitia Hattingh
The Relationship Between Initial PRWE Scores and Conversion to Surgery Rates Within the Carpal Tunnel Syndrome Population in a Primary Contact Hand Therapy Clinic: A Retrospective Case Series	Ashleigh Andrews, Randy Bindra, Mark Henderson, Luke McCarron
Spread of a structured Journal Club format into clinical services using WE-TREAT(Web-based Expert System for tailoring Research Evidence and Theory:) A knowledge translation approach	Rachel Wenke, Jodie Wiseman, Katherine O'Shea, Sharon Mickan
Sensory modulation in Lavender Mother Baby Unit	Linda Parlato, Grace Branjerdporn
Does surgical experience impact on subjective patient outcomes and patient safety following open carpal tunnel decompression?	Luke McCarron, Anthony Truong, Zaid Shihab,

	Ashleigh Andrews, Anna Scott
The experiences of novice Occupational Therapy Clinical Educators within an Australian tertiary health service: a qualitative exploration	Vicky Stirling, Deborah Fitzgerald, Rachel Wenke, Alis Moores
Mild TBI pathway for Occupational Therapy intervention from the Emergency Department	Lauren Heslop, Aleks Karwaj Alex Walter, Alice Murray, Rachel Wenke, Shane George, Don Campbell
Does a therapist behavior change program increase the number and proportion of stroke inpatients that are offered and receive SMART Arm training?	Ashlea Walker, Jen Quail, Sonya Shrimpton, Annie McCluskey, Kate Hayward, Ruth Barker
Patient adherence to wearing compression stockings in the management of venous leg ulcers: a randomised controlled trial and qualitative study of an occupational therapy package	Laila Bar, Susan Brandis, Rachel Wenke, Nicole Rampton, Nicola Morley, Darryn Marks, Ian Hughes, William Butcher, Venu Bhamidi
Effects of Pulmonary Rehabilitation with Occupational Therapy on Occupational Performance: A Mixed methods Analysis	Amanda McCowan, Louise Gustafsson, Bajee Krishna Sriram, Michelle Bissett, Rachel Wenke, Allison Bishop, Anne Sinclair
An allied health led chronic pain management program improved pain interference and function: results of a randomised trial	Margaret Vandermost, Karl Bagraith, Hannah Kennedy, Darryn Doherty, Simon Kilner, Michelle Sterling, David Henry, Mark Jones
Visual Perceptual and Praxis Retraining after Acquired Brain Injury	Sarah Grounds, Danielle Westerveld
Dorsal Ganglia Managed in Hand Therapy vs Orthopaedic Surgery	Ashleigh Andrews, Mark Henderson
Do patient-rated outcome measures conducted at initial review predict requirement for surgery in a carpal tunnel population? A retrospective case series	Ashleigh Andrews, Randy Bindra, Mark Henderson, Luke Carron
In deconditioned patients 18 years and over, how feasible is the implementation of a developed occupational therapy reconditioning program?	Susan Brandis, Ann Clendenning, Lara Osseili, Chloe Hanley, Aleks Ballingall

What are the characteristics of patients requiring reconditioning admitted to tertiary care inpatient rehabilitation services? A retrospective clinical audit	Susan Brandis, Aleksandra Karwaj, Chloe Hanly, Blaire Breadsell
Reconditioning rehabilitation programs: What are the patients looking for?	Susan Brandis, Lara Osseili, Ann Clendenning, Chloe Hanly, Aleks Ballingall

4.2 Publications

McCowan A, Gustafsson L, Bissett M, Sriram BK. Occupational therapy in adults with chronic respiratory conditions: A scoping review. <i>Australian Occupational Therapy Journal</i> , 2023; 1–24.
Bar L, Brandis S, Marks D. Developing a suite of resources to improve patient adherence to compression stockings: Application of behavior change theory. In <i>Patient Preference and Adherence Journal</i> , 2022
Branjerdporn G, Hudson C, Sheshinski R, Parlato L, Healey L, Ellis A, Reid A, Finnerty C, Arnott R, Curtain R, McLean M, Parmar S, Roberts S. Evaluation of an inpatient psychiatric mother-baby unit using a patient reported experience and outcome measure. <i>International Journal of Environmental Research and Public Health</i> . 2022; 19,5574.
Wenke R, Wiseman J, Brandenburg C, Stehlik P, Hughes I, Richards K, Mickan S. Long term tailored implementation of structured "TREAT" journal clubs in allied health: a hybrid effectiveness-implementation study. <i>BMC Medical Education</i> , 2022; 22:307.
Harvie DS, Stanton TR, Kennedy H, Coppieters MW. Visually evoked pain and its extinction using virtual reality in a patient with complex regional pain syndrome type II. <i>Pain</i> . 2022 Oct 1;163(10):1874-1878.
Vandermost M, Bagraith KS, Kennedy H, Doherty D, Kilner S, Sterling M, Henry D, Jones M. Improvement in pain interference and function by an allied health pain management program: Results of a randomized trial. <i>Eur J Pain</i> . 2021 Nov;25(10):2226-2241.
Pashley GB, Kahn MB, Williams G, Mentiplay BF, Banky B, Clark RA. Assessment of upper limb abnormalities using the Kinect: Reliability, validity and detection accuracy in people living with acquired brain injury. <i>Journal of Biomechanics</i> 129, 2021;
Kwan E, Le B, Loo CK, Dong V, Tor P-C, Davidson D, Mohan T, Waite S, Branjerdporn G, Sarma S, Hussain S, Martin DM. The impact of COVID-19 on ECT: a multisite, retrospective study from the CARE Network. <i>Journal of ECT</i> . PMID 2021
Callander EJ, Bull C, Baird K, Branjerdporn G, Gillespie K, Creedy D. Cost of intimate partner violence during pregnancy and postpartum to health services: a data linkage study in Queensland, Australia. <i>Arch Womens Ment Health</i> (2021). https://doi.org/10.1007/s00737-021-01130-7
Bowman C, Branjerdporn G, Turner K, Kamara M, Tyagi N, Josen Delos Reyes N, Stapelberg N. The impact of viral epidemics and pandemics on acute mental health service use: An integrative review. <i>Health Psychology Review</i> , 15(1), 2021; 1-33.
Branjerdporn G, Meredith PJ, Wilson T, Strong J. Maternal-fetal attachment: Associations with maternal sensory processing, adult attachment, and mental health in women with and without perinatal loss. <i>Journal of Child and Family Studies</i> , 30(2), 2021; 528-541
Branjerdporn G, Meredith P, Wilson T, Strong J. Infant sensory patterns: Associations with maternal-foetal attachment, postnatal maternal sensory patterns and previous perinatal loss. <i>Irish Journal of Occupational Therapy</i> , Vol. ahead-of-print, 2021.

Soni N, Roberts S, Branjerdporn G. Exploring discharge outcomes and readmission rates of mothers admitted to a psychiatric mother and baby unit. *Psychiatric Quarterly*, 2021.

Branjerdporn G, Robertson J, Dymond A. Factors associated with Health of the Nation Outcomes Scales (HoNOS) in an acute young adult psychiatric unit. *International Journal of Mental Health Nursing*, 2022 Apr;31(2):313-325. doi: 10.1111/inm.12958. Epub 2021 Nov 24.

Creedy DK, Baird K, Gillespie K, Branjerdporn G. Australian hospital staff perceptions of barriers and enablers and of domestic and family violence screening and response. *BMC Health Serv Res* 21, 2021; 1121. <https://doi.org/10.1186/s12913-021-07083-y>

Vandermost M, Bagraith KS, Kennedy H, Doherty D, Kilner S, Sterling M, Henry D, Jones M. Improvement in pain interference and function by an allied health pain management program: Results of a randomized trial. *European Journal of Pain*, Vol 25(10) 2021

Bar L, Brandis, S, Marks, D. Improving adherence to wearing compression stockings for chronic venous insufficiency and venous leg ulcers: A scoping review. *Patient Preference and Adherence*. 2021;15:2085-2102. <https://doi.org/10.2147/PPA.S323766>

4.3 Grants awarded

Title	Investigators	Grant Scheme	Amount
Stakeholder perceptions of an Advanced Hand Therapy role in Orthopaedic Fracture Clinics: a qualitative evaluation across metropolitan and rural settings	Anna Scott, Ashleigh Andrews, Rachel Wenke, Randy Bindra, Darryn Marks, Beryl Crewdson, Susan Brandis, Barb Hall, Abigail Payne	HP Research Scheme 2024 (awarded Dec 2023)	\$29,974
Stakeholder perceptions of an Advanced Hand Therapy role in Orthopaedic Fracture Clinics: a qualitative evaluation across metropolitan and rural settings	Ashleigh Andrews, Rachel Wenke, Anna Scott, Randy Bindra, Darryn Marks, Beryl Crewdson, Susan Brandis, Barb Hall, Abigail Payne	GCH Allied Health Research Clinical Backfill 2023	\$14,638
Improving adherence to wearing compression stockings via an innovative clinical decision-making tool to wearing compression stockings in venous leg ulcers	Laila Bar, Susan Brandis, Darryn Marks, Rachel Wenke	GCH AH Clinical Backfill 2023	\$7,822
Supercharging Chronic Pain Education: The Experiential Immersive Education (iED) Project using Virtual Reality	Hannah Kennedy, Darren Doherty, Ian Thong, Megan Boyd, Newman Harris, Peta Weeks, Daniel Harvie	GCH Collaborative Research Grant 2022	\$85,000
OT pathway for mTBI ED presentations	Lauren Heslop, Lauren Heslop, Alexandra Karwaj, Alice Murray,	Emergency Medicine Foundation	\$99,423

	Shane George, Don Campbell, Rachel Wenke	2021	
OT pathway for mTBI ED presentations	Lauren Heslop, Alexandra Karwaj, Alice Murray, Shane George, Don Campbell, Rachel Wenke	HP research scheme 2021	\$29,985
OT pathway for mTBI ED presentations	Alexandra Karwaj, Lauren Heslop, Alice Murray, Shane George, Don Campbell, Rachel Wenke	HP models of care grant 2021	\$60,000

4.4 Conference presentations

Title	Type	Audience
McCowan A. Impact of pulmonary rehabilitation with occupational therapy on occupational performance. OT Australia National Conference 2023.	Oral	National
Grounds S, Cordner T. Allied Health led allocations in inpatient rehab Rehab Medicine Society Aus and NZ (RMSANZ) 2023.	Oral	National
Karwaj A, Murray A, Heslop L, Wenke R, Walter A, Campbell D, George S. An Occupational Therapy Pathway for Mild Traumatic Brain Injury ED presentations across the lifespan: A Non-Contemporaneous Cohort Comparison Study, OT exchange, Melbourne, 2022.	Oral	National
Bar L. Developing a suite of resources to improve patient adherence to compression stockings: Application of behaviour change theory. GCH Research Forum 2022.	Oral	Local
McCowan A. Impact of pulmonary rehabilitation with occupational therapy on occupational performance. GCH Research Forum 2022.	Oral	Local
Hoskinson Z, Mackrell K, Brydon J. Virtual Reality Goggles and Palliative Care – An insight into how virtual reality may support occupational engagement. OTA National Conference, Cairns, 24 June 2021.	Oral	National
Bar L. A scoping review of evidence related to wearing compression stockings for venous	Oral	National

insufficiency and venous leg ulcers. Occupational Therapy Conference 2021.		
Wenke R, Wiseman J, Brandenburg C, Stehlik P, Hughes I, Richards K, Mickan S. Tailoring Research Evidence and Theory (TREAT) into Allied Health Journal Clubs: A Hybrid Effectiveness-Implementation Study. National Allied Health Conference 2021.	Oral	National
Murray A. Supporting children's participation in hospital related occupations. OT Australia Conference 2023.	Poster	National
Murray A, Heslop L. Implementation of an ED occupational therapy mild traumatic brain injury pathway. OT Australia Conference 2023.	Poster and oral	National
Kennedy H, Harvie D, Coppieters M. SIMs are most commonly found in the social domain. An exploration of the Protectometer in Adults and Young People with Chronic Pain. Australian Pain Society Conference 2023.	Poster and Rapid Communication	National
Bar L. Using behaviour-change theory to develop resources for improving adherence to compression stockings. OT Australia Conference 2023.	Poster	National

5.0 Pharmacy

Lead: Liz Coombes, Director of Pharmacy

5.1 Ethically approved research projects

Study Title	Investigators
Impact of a Pharmacist-led heart failure review clinic (PLHFRC) on optimising evidence-based medicines	Matt Percival, Laetitia Hattingh, Rohan Jayasinghe, Neil Cottrell, Chris Freeman, Kylie Vuong, Joshua Byrnes
Co-design and evaluation of a multifaceted intervention to facilitate medicine handover quality at discharge: a multi-method study	Laetitia Hattingh, Kate Johnston, Rachael Raleigh, Matt Percival, Salim Memon, Carl de Wet, Brigid Gillespie, Mark Morgan, Noela Baglot
Minimising medication-related harm in the Gold Coast University Hospital's Emergency Department: a qualitative study	Laetitia Hattingh, Brooke Bullock, Gary Grant, Ruby Allen
Exploring Medication Management and Safety in Patients Admitted to Hospital-in-the-Home and Geriatric-Evaluation-and-Management-in-the-Home	Laetitia Hattingh, Catherine Edmunds, Gary Grant, Nathan Ball
Improving hospital discharge through affordable patient partnerships: CHAT study	Georgia Tobiano, Trudy Teasdale, Kim Jenkinson, Kellie Wren, Margaret Shapiro
AMS and partnered patient prescribing	Laetitia Hattingh, Jack Cross, Philip Tibbits, Sohil Kahn, Denis-Emanuel Stan
Demographics, comorbidities and risk factors for severe disease from the early SARS-CoV-2 infection cases in Queensland, Australia	Alainah Oats, Hai Phung, Ernesta Sofija, Lucy Trudehope
Evaluation of pharmacy telehealth service in palliative care	Lorna Chess Williams, Laetitia Hattingh, Andrew Broadbent, Karly Foster
Evaluation of medication management and safety at transition of care from hospital of COVID-19 patients: a process evaluation	Laetitia Hattingh, Catherine Edmunds, Saberina Buksh, Dr Margaret Shapiro, Trudy Teasdale, Sean Cronin, Brigid Gillespie, Zeinab Ghalandari

The tolerability of antifibrotic treatment for GCUH patients with Idiopathic lung fibrosis	Krishna Sriram Kate Grey Amanda Palomo, Roselyn Rose'Meyer, Kate Biddle, Melanie Harris
Medication administration using enteral tubes in acute stay hospital patients: experience of pharmacists	Rebecca Angus, Laetitia Hattingh, Kate Dunn, Violetta Pavkovic Priya Sharma
Evaluation of the analgesic journey of patients undergoing total knee or hip replacement: from pre-admission to management by general practitioners	Laetitia Hattingh, James Alderson, Trudy Teasdale, Mark Morgan, Jasmine Soder
Reducing medication errors during hospital discharge: a qualitative study on junior doctors' perceptions of medication reconciliation and the role of clinical pharmacists	Gemma Burns, Laetitia Hattingh, Sean Alcorn, Christina Meligonis
Timely access to collaborative care: Evaluation of a General Practice Advice Service	Kate Johnston, Matthew Percival, Kylie Vuong
The use of online learning packages for hospital pharmacists	Brooke Bullock, Laetitia Hattingh, Marvin Boyce
Exploratory study of medicine communication at transfer of care for aged care residents within the Gold Coast catchment	Rachael Raleigh, Sarah Browning, Laetitia Hattingh, Saqib Raza
How do hospital pharmacists solve ethical dilemmas? An exploratory study through an interactive education program	Nallini McCleery, Laetitia Hattingh, Karl Winckel, Adam LaCaze
The safety and efficacy of unfractionated heparin in the acute treatment phase compared with low molecular weight heparin	Catherine Edmunds, Laetitia Hattingh, Danielle Green, Roselyn Rose'Meeyer, Indu Singh, Jieru Zhu, Kai Shen
Line Labelling: What's missing?	Catherine Edmunds, Elizabeth Jacklin, Josam Alcober, Peyton Alexander
Injectable medicine and line labelling: an exploration of nurse understanding and experience	Catherine Edmunds, Elizabeth Jacklin, Josam Alcober

5.2 Publications

Oats A, Phung H, Tudehope L, Sofija E. Demographics, comorbidities and risk factors for severe disease from the early SARS-CoV-2 infection cases in Queensland, Australia. *Internal Medicine Journal*. 2023; DOI: 10.1111/imj.16276

Hattingh HL, Edmunds C, Gillespie BM. Medication management of COVID-19 patients during transition to virtual models of care: a qualitative study. *Journal of Pharmaceutical Policy and Practice*. 2023; 16(1):127

Hattingh HL, Edmunds C, Buksh S, Cronin S, Gillespie B. COVID-19 Patients' Medication Management during Transition of Care from Hospital to Virtual Care: A Cross-Sectional Survey and Audit. *Pharmacy*. 2023; 11(5):157

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5.3 Grants awarded

Title	Investigators	Grant Scheme	Amount
Optimising medicine information handover during transitions of care (REMAIN HOME 2.0): a stepped wedge cluster randomised controlled trial	Laetitia Hattingh, Manias Elizabeth, Sim Fei, Foot Holly, Yong Faith, Baysari Melissa, Scott Ian, Keijzers Gerben, Jackson Claire, Morgan Mark, Mullan Barbara, Norman Richard	MRFF 2022 Quality, Safety and Effectiveness of Medicine Use and Medicine Intervention by Pharmacists Initiative	\$1,498,330
An exploration of medicine handover efficiency and interprofessional collaboration at discharge from hospital: a multi-method study	Laetitia Hattingh, Brigid Gillespie, Kate Johnston, Rachael Raleigh Mark Morgan, Salim Memon, Carl de Wet, Helen Eager	GCH Collaborative Grant Scheme 2022	\$97,566

Prescriber perceptions of the safety and efficacy of unfractionated heparin	Roselyn Rose'Meyer, Catherine Edmunds, Laetitia Hattingh, Indu Singh	Griffith University School of Pharmacy and Medical Science seeding Grant	\$4,982
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5.4 Conference presentations

Title	Type	Audience
Buksh S. Cross-Sectional survey exploring the role of Hospital in the Home Pharmacists in Queensland Hospitals. Presentation at HITH Society Australasia 15 th Annual Scientific Meeting Conference 15-17 November 2023.	Oral	International
Chen YY, Marshall A, Hattingh L, Howes L, Jayasinghe R, Poulter R, Singba, Y, Starmer G, Wu C, Yadav R, Smith I. Prevalence, trends, and healthcare costs of same-day discharge following elective percutaneous coronary intervention in six Queensland public hospitals. The 71st Cardiac Society of Australia and New Zealand conference, Adelaide, 3-6 August 2023.	Oral	International
Chen YY, Marshall A, Hattingh L, Howes L, Jayasinghe R, Poulter R, Singbal Y, Starmer G, Wu C, Yadav R, Smith I. Same-day discharge following percutaneous coronary intervention: Prevalence, trends, inter-hospital variation, and costs in Queensland, Australia. 27th Asian Pacific Society of Cardiology Congress, Singapore, 13-15 July 2023.	Oral	International
Burns G, Gjone H, Teasdale T, Hattingh L. Exploring pharmacists' perspectives on preparing discharge medication records: a mixed-methods study. Medicines Management 2022; Brisbane, 1-3 December 2022.	Oral	National
Hattingh L, Edmunds C, Shapiro M, Cronin S, Buksh S, Teasdale T, Gillespie B. Evaluation of COVID-19 patients' medication management and safety at transition of care from hospital to a virtual model of care. Gold Coast Health Research Showcase, Gold Coast 8-9 November 2022.	Oral	Local
Hattingh L, Edmunds C, Gillespie B. Medication management of COVID-19 patients in a virtual model of care: a qualitative study. Gold Coast Health Research Showcase, Gold Coast 8-9 November 2022.	Oral	Local

Burns G, Gjone H, Teasdale T, Hattingh L. Exploring pharmacists' perspectives on preparing discharge medication records: a mixed-methods study. Gold Coast Health Research Showcase, Gold Coast 8-9 November 2022.	Oral	Local
Edmunds C, Green D, Ziu J, Shen K, Rose-Meyer R, Sinh I, Hattingh L. The safety and efficacy of unfractionated heparin in the acute treatment phase compared with low molecular weight heparin: an audit. Gold Coast Health Research Showcase; Gold Coast 8-9 November 2022.	Oral	Local
Green D, Edmunds C, Rose-Meyer R, Sinh I, Hattingh L. Prescriber perceptions of the safety and efficacy of unfractionated heparin versus enoxaparin in the acute treatment phase: a qualitative study. Gold Coast Health Research Showcase, Gold Coast 8-9 November 2022.	Oral	Local
McCleery N, Zhang T, La Caze A, Winkel K, Gentle E, Hattingh L. How do hospital pharmacists solve ethical dilemmas? Impact of an interactive education program. Gold Coast Health Research Showcase, Gold Coast 8-9 November 2022.	Oral	Local
Hattingh L, Edmunds C, Buksh S, Cronin S, Shapiro M, Teasdale T, Gillespie B. Medication management of COVID-19 patients in a virtual model of care: a qualitative study. Pharmaceutical Society of Australia Conference, Sydney, 29-31 July 2022.	Oral	National
Percival M, Cottrell N, Freeman C, Connor M. Implementing a pharmacist-general practitioner collaborative pharmaceutical care plan. Gold Coast Allied Health Research Forum, online, 12 July 2022.	Oral	Local
Burns G, Gjone G, Teasdale T, Pham T, Emery N, Khan S, Schweitzer N, Hattingh L. Discharge Medication Records: are we wasting our time with an antiquated system? Society of Hospital Pharmacists of Australia Medicines Management. online; 24 – 26 February 2022.	Oral	National
Burns G, Gjone H, Teasdale T, Pham T, Emery N, Khan S, Schweitzer N, Hattingh L. Discharge Medication Records: are we wasting our time with an antiquated system? Gold Coast Health Research Showcase, Gold Coast, 29-30 November 2021,	Oral	Local
Chess-Williams L, Broadbent A, Haydon H, Hattingh L. Outcomes of a pharmaceutical telehealth service provided to community palliative care patients. Oceanic Palliative Care Conference 2021, online, 7 September 2021.	Oral	Local

Hattingh L. Medication Information transfer- examples of tips and traps from practice, Australian Association of Consultant Pharmacy Accredited pharmacists' Forum, Gold Coast, 19 May 2021 (Invited Speaker/ Panel Member).	Oral	National
Meligonis C, Hattingh L, Alcorn S. Junior doctors' perceptions of hospital pharmacists: A qualitative study exploring discharge summaries and medication reconciliation. Medicines Management 2023, Cairns, 2-4 November 2023.	Poster	National
Bullock B. Presenting Author: Recruitment Shake Up: Are interviews a thing of the past? Medicines Management 2023, Cairns, 2-4 November 2023.	Poster	National
Browning S, Hattingh L, Raleigh R. Exploratory study of medicine communication at transfer of care from hospital for aged care residents within the Gold Coast catchment. Gold Coast Health Research Showcase, Gold Coast, 8-9 November 2022.	Poster	Local

6.0 Physiotherapy

Lead, Dean Blond, Director of Physiotherapy

6.1 Ethically approved research projects

Study Title	Investigators
Physiotherapy Management of Patients on the Organ Donation Pathway: a qualitative benchmarking study	Lauren O'Connor
PIVOTAL Study (Feasibility of patient- and family- mediated intervention to improve functional ability following return from critical illness)	Andrea Marshall, Angelly Martinez, Shelley Roberts, Georgia Tobiano, Daren Heyland, Niki Murphy, Lisa Mahoney, Lauren O'Connor, Marc Nickels, Kristen Ranse.
Does hypertonic saline combined with physiotherapy improve airway clearance in patients with non-Cystic Fibrosis Bronchiectasis?	Sarah Walton, Andrew Shaw, Lauren O'Connor
COVID-RECOVERY/COVID-PT (Physiotherapy in COVID-19)	Lauren O'Connor (Multisite study)
Multidisciplinary persistent pain management in the midst of a pandemic: Qualitative feedback from persistent pain patients engaging in telehealth appointments	Jarred Brown, Kelly Gilbert, Darren Doherty
The feasibility, effectiveness and acceptability of a 12-week healthy eating and exercise training program (ATHENA) for overweight and obese women with UI	Zara Howard, Jennifer Nucifora and Leanne Smith
Does implementing a CHITH program affect health outcomes for children with a chronic respiratory condition?	Thomas Senyard, Kelly Weir, Megan Rutherford
Non-life threatening lower back pain presentations to ED in >65 yrs	Rod Ellem, Rowan Pickering, Hayley Thomson, Michel Coppieters, Shelley Roberts, Zoe Michaleff
High intensity small muscle training in heart failure	Menaka Louis, Norman Morris.
Feasibility, reliability and validity of sit to stand tests in patients with heart failure	Julie Adsett, Rita Hwang, Rebecca Kelly, Menaka Louis, Norman Morris

Predicting which patients will benefit from the UPLIFT program	Hayley Thomson, Kerrie Evans, Jonathon Dearness, John Kelley, Kylie Conway, Collette Morris, Michel Coppieters
A process evaluation of the UPLIFT program for persistent low back pain in a secondary care setting: A qualitative study	Hayley Thomson, Jonathon Dearness, Jenny Setchell, Karime Mescouto, Michel Coppieters, Shelley Roberts
If it's not improvement in pain or function, then what is it? A qualitative study to reveal what constitutes a positive therapeutic outcome for people with persistent back pain	Hayley Thomson, Jonathon Dearness, Jenny Setchell, Wendy Scholten Peeters, Kerrie Evans, Karime Mescouto, Michel Coppieters
Challenges and perceived training requirements of students and clinical educators in order to meet documentation standards during clinical placements	Laura Eby, Gemma Page, Laura Howse, Elise Gane, Roma Forbes
HIP fracture Supplemental Therapy to Enhance Recovery. Multicentre Trial	Timothy Walker, Rod Ellem, Kyleigh Hurle, Justin Haines, Rowena Edward
Feasibility of assessing clinical efficacy and cost effectiveness of the UPLIFT program vs usual physiotherapy care for people with persistent low back pain : a pilot randomised controlled trial.	Jonathon Dearness, Shelley Roberts, Michel Coppieters, Bev.Stripp, Joshua Byrnes
Inspiratory Muscle Training for diaphragmatic dysfunction	Grant Turner, Surendran Sabapathy, Larry Cahalin, Laviensraj Premraj, Sylvio Provenzano, Andrie Stroebel
MOVIN in ICU: An observational study of Mobilisation On Vasopressors & INotropes in intensive care.	Lauren O'Connor, Breanna Raatz
Australia & New Zealand PARK-PICU Study: Prevalence of Acute Rehab for Kids in the PICU	Philip Sargent, Rachel Whitford

6.2 Publications

Ellem R, Pickering R, Marks D, Todd J, Roberts S, Brown J, Michaleff Z. Emergency presentations for older persons with low back pain: an increasing clinical and economic challenge. <i>Australasian Journal on Ageing</i> 2023; 42(4):742-750.
Weeks BK, Harding AT, Watson SL, Lambert C, Nogueira RC, Hirsch R, Rantalainen T, Collier J, Beck BR. Bone-specific physical activity questionnaire-derived skeletal loading score predicts bone geometry, density, and strength indices: a cross-sectional study. <i>J Bone Miner Metab.</i> 2023. https://doi.org/10.1007/s00774-023-01419-w
Wicks JR, Turner GT, Leslie SL, Jayasinghe R. Changes Observed in the 6 - minute Walk Test in Response to Exercise-based Cardiac Rehabilitation. <i>Exercise Medicine</i> 2022; 6:2.
Gonçalves BAM, Saxby DJ, Meinders E, Hams A, Lambert C, Jones T, Barret RS, Diamond LE. Running Mechanics After Repeated Sprints in Femoroacetabular Impingement Syndrome, Cam Morphology, and Controls. <i>Sports Health.</i> 2022; 0(0). doi:10.1177/19417381221131570
Carr JJ, Lalara J, Lalara G, Daniels B, Clough AR, et al. Staying Strong Toolbox: Co-design of a physical activity and lifestyle program for Aboriginal families with Machado-Joseph disease in the Top End of Australia. <i>PLoS ONE.</i> 2021; 16(2): e0244311
Howard Z, Ross L, Weir KA, Baker N, Smith L, Nucifora J, Roberts S. A group program for overweight and obese women with urinary incontinence (ATHENA): An implementation-effectiveness hybrid type 3 study. <i>International Urogynecology Journal</i> , 2021; 1-10.
Roberts S, Howard Z, Weir K, Nucifora J, Baker N, Smith L, Townsend H, Ross L. Patient perceptions of a group-based lifestyle intervention for overweight women with urinary incontinence: a qualitative descriptive study. <i>Healthcare</i> 2021; 9(3):265.
O'Connor L. Physiotherapy Management of Patients on the Organ Donation Pathway. <i>Transplantation Proceedings</i> 53, 2021; 2157-2161
Nucifora J, Howard Z, Weir K. Do Patients discharged from the Physiotherapy-led Pelvic Health Clinic re-present to the Urogynaecology service. <i>International Urogynecology Journal.</i> 2021
Brown J , Doherty D, Gilbert K. In a pandemic that limits contact, can videoconferencing enable interdisciplinary persistent pain services and what are the patients perspectives, <i>Archives of Physical Medicine and Rehabilitation</i> 2021
Vandermost M, Bagraith KS, Kennedy H, Doherty D, Kilner S, Sterling M, Henry D, Jones M. Improvement in pain interference and function by an allied health pain management program: Results of a randomized trial. <i>Eur J Pain.</i> 2021 Nov;25(10):2226-2241.

6.3 Grants Awarded

Title	Investigators	Grant Scheme	Amount
Supercharging Chronic Pain Education: The Experiential Immersive Education (iED) Project using Virtual Reality	Hannah Kennedy, Darren Doherty, Ian Thong, Megan Boyd, Newman Harris, Peta Weeks, Daniel Harvie	GCH Collaborative Research Grant 2022	\$85,000

6.4 Conference presentations

Title	Type	Audience
Cordner T, Grounds S. Exploring Patient Allocation Methods within Queensland Inpatient Rehabilitation Units – RMSANZ 2023.	Poster	National
Cordner T, Grounds S. Allied Health Led Allocation of Patients to Inpatient Rehabilitation Teams – RMSANZ 2023.	Poster	National
PHysiotherapy ASsisTed Weaning in Tracheostomised Patients (PHAST Wean) ANZICS Annual Scientific meeting, April 2022.	Poster	National
Dearnness J. A process evaluation of the UPLIFT program for persistent low back pain in a secondary care setting: A qualitative study . NOPSC State-wide forum October 2022.	Oral	State-wide
Roberts S, Howard Z, Weir K, Nucifora J, Smith L, Baker N, Townsend H, Ross L. An exercise training and healthy eating group program (ATHENA) for overweight and obese women with urinary incontinence: translating evidence into practice. 14th National Allied Health Conference, online, 9-12 August 2021.	Oral	National
Roberts S, Howard Z, Weir K, Nucifora J, Baker N, Smith L, Townsend H, Ross L. Feasibility and acceptability of an exercise training and healthy eating group program (ATHENA) for overweight and obese women with urinary incontinence. Dietitians Australia 2021 Conference, Melbourne, 11-13 July 2021.	Oral	National
Stewart V. Evaluating diagnostic and management agreement between physiotherapists and ear, nose and throat specialists in a primary contact Physiotherapy-led Vestibular Clinic, A prospective blinded agreement study. Gold Coast Research Showcase, Gold Coast, November 2021.	Oral	Local

<p>Stewart V. Does a clinical pathway and vestibular treatment in the emergency department improve quality and efficiency of care for people with vertigo and dizziness. A Lightning talk. Gold Coast Research Showcase, Gold Coast, November 2021.</p>	<p>Oral</p>	<p>Local</p>
<p>Pickering R. How Scaphoid fractures are managed in the Emergency Department at GCUH. A Lightning Talk. Gold Coast Research Showcase, Gold Coast, November 2021.</p>	<p>Oral</p>	<p>Local</p>
<p>Brown J. In a pandemic that limits contact, can videoconferencing enable interdisciplinary persistent pain services and what are the patient perspectives. A Lightning talk. Gold Coast Research Showcase. November 2021.</p>	<p>Oral</p>	<p>Local</p>

7.0 Podiatry

Lead: Manjeet Sagoo, Professional lead

7.1 Ethically approved research projects

Study Title	Investigators
An economic evaluation of a novel funding model for diabetic foot disease	Joshua Byrnes, Peter Lazzarini, Son Nghiem, Lauren Ward, Sarah Jensen, Danielle Charles, Liza Jane McBride, Rebecca Mann, Belinda Gavaghan, Jennifer Finch, Manjeet Sagoo.

Please note there is no data to report for publications, grants awarded, or conference presentations.

8.0 Psychology

Lead: Kelly McCafferty, Director of Psychology

8.1 Ethically approved research projects

Study Title	Investigators
Evaluation of patient care documentation following online and workshop education in prevention-orientated suicide risk formulation	Sonya Green, Sarah Walker, Kathryn Turner, Matthew Welch, Jerneja Sveticic
Understanding the journey from traumatic injury to PTSD and MDD	Kristen Jones, Mark Boschen, Martin Wullschleger, Grant Devilly, Kate Dale, Elizabeth Wake
Towards a new conceptualisation of dementia: The role of adverse childhood experiences	Aimee Jeffreys, Michael Saling, Jacqueline Anderson
Influence of COVID-19 restrictions on repeat ED presenters' behaviour: A mixed methods study to inform service enhancements	Dominique Murray, Grant Devilly, Julia

	Crilly, Kelly Ellis, Magnolia Cardona, Ian Hughes, Paul Scuffham, Amy Sweeny
Breast Cancer Survivorship Research Project	Dean Vuksanovic, Robina Breast Cancer Service
Trial of EMDR (Eye Movement Desensitisation and Reprocessing) to reduce trauma symptoms in case-managed adult mental health patients	Suzanne Fulford, Natasha Crow, Patricia Fenech, Bonda Luck, Nicole Trewick, Chris Lee
Exploring Patient Interest in an Integrated Psychological Care Model for IBD	Elia-Jade Edwards, Dominique Murray, Kelly McCafferty, John Edwards, Waled Mohsen, Rayshelle James, Janine Meinig
Perspectives of consumers, carers, and peer workers on personality disorder services at Gold Coast Health	Brin.Grenyer, Michelle Townsend, Karlen Barr, Michelle Edwards, Angela Davies, Angela., Kathryn Turner, Nicolas JC Stapelberg, Sarah Walker, Candice Bowman
Diagnostic complexity of Functional Neurological Symptom Disorder	Alana Schuurs, Jessica Davis
Effectiveness of the Allied Health Demand and Capacity Management (AHDC) Tool to improve patient flow: A mixed methods design	Dominique Murray, Rachel Wenke, Kelly Weir, Sara Burrett, Ashlea Walker, Rachael Smithson, Christopher Ogg, Reece Chang, Andrew Shaw
Crisis Stabilisation Facility: A mixed-methods evaluation of consumer profiles and experiences	Candice Bowman, Grace Branjerdporn, Chris Stapelberg, Marcus Randall
Mining Emergency Department Records, Evolutionary Algorithm Data Search (MEDREADS), an Evolutionary Departments Before and During the SARS-CoV-2 Pandemic	Candice Bowman, Grace Branjerdporn, Chris Stapelberg, Marcus Randall
Evaluation of the Gold Coast Clinics at Gold Coast Health	Karlen Barr, Candice Bowman, Sarah Walker,

	Michelle Edwards, Angela Davis, Michelle Townsend, Kathryn Tuner, Nicolas JC Stapelberg, Brin Grenyer
An RCT comparing brief interventions in suicide prevention: A lived experience co-design study	Candice Bowman, Chris Stapelberg, Sarah Walker, Sabine Woerwag-Mehta, Angela Davies
Interrupted time series analysis - Gold Card Clinics	Candice Bowman, Sarah Walker, Nicolas JC Stapelberg, Sabine Woerwag-Mehta, Brin Grenyer
Comprehensive Multidisciplinary Team Assessment in FASD - What are we assessing?	Haydn Till, Doug Shelton, Aimee MacGougan, Francoise Butel, et al.
The Drug and Alcohol Program: Review and Dissemination of the Australian Fetal Alcohol Spectrum Disorder (FASD) Diagnostic Tool GO2647 (2020–2023)	Natasha Reid, et al (including Haydn Till)
NHMRC: A tiered approach to the diagnosis of Fetal Alcohol Spectrum Disorder in Remote Indigenous Primary Care Settings: FASD Assessment Battery Validation sub-study	Dianne Shanley, et al (including Haydn Till)
A phenomenological and relational characterisation of the experiences of people with early AD in the decades prior to diagnosis	Aimee Jeffreys, Jacqueline Anderson, Michael Saling, Magenta Simmons
Psychology and Speech Pathology Interdisciplinary “Aphasia Mood Group” for people with aphasia and their families: A mixed methods study	Madeline Campbell, Jessica Davis, Brooke Ryan, Rachel Wenke; Kent Druery, Julia Druery
A comparison of an intensive short-term dynamic group therapy to a DBT skills group program for people with personality vulnerabilities (a randomised pilot study for feasibility)	Sarah Walker, Candice Bowman, Penny Hollyer, Mia Delos, Maree Stalker, Dilara Asena, Michael Edmondson, Kristy Lamb, Jon Frederickson

8.2 Systematic Reviews

Title	Investigators
Understanding Models of Care for Frequent Presenters to the Emergency Department: A Scoping Review	Dominique Murray, Julia Crilly, Ya-Ling Huang, Kristen Jones

8.3 Publications

Hudson C, Branjerdporn G, Hughes I, Todd J, Bowman C, Randall M, Stapelberg NJC. Using machine learning to mine mental health diagnostic groups from emergency department presentations before and during the COVID-19 pandemic. <i>Discover mental health</i> , 2023; 3(1), 22. https://doi.org/10.1007/s44192-023-00047-0
Lyvers M, Ryan N, Thorberg FA. Alexithymia, negative moods, and fears of positive emotions. <i>Current Psychology</i> , 2022; 42, 13507–13516
Lyvers M, Ryan N, Thorberg FA Alexithymia, attachment security and negative mood. <i>Australian Psychologist</i> , 2022; 57(2), 86-94.
Gates T, Metcalf K, Sabaz M, Young K, Anandakumar T, Simpson G. What are the predictors of TOMM failure in clinical TBI populations? A retrospective analysis. <i>Journal of the International Neuropsychological Society</i> . 2022.
Betts JL, Eggins E, Chandler-Mather N, Shelton D, Till H, Harnett P, Dawe S. Interventions for improving executive functions in children with foetal alcohol spectrum disorder (FASD): A systematic review. <i>Campbell Systematic Reviews</i> , 2022; e1258. https://doi.org/10.1002/cl2.1258
Hayes N, Akison LK, Goldsbury S, Hewlett N, Elliott EJ, Finlay-Jones A, Shanley DC, Bagley K, Crawford A, Till H, Crichton A, Friend R, Moritz KM, Mutch R, Harrington S, Webster A, Reid N. Key Stakeholder Priorities for the Review and Update of the Australian Guide to Diagnosis of Fetal Alcohol Spectrum Disorder: A Qualitative Descriptive Study. <i>Int J Environ Res Public Health</i> . 2022 May 10; 19(10):5823. https://doi.org/10.3390/ijerph19105823
Dawe S, Eggins E, Betts J, Webster H, Pomario T, Doak J, Chandler-Mather N, Hatzis D, Till H, Harnett P, Wood A, Shelton D. An investigation of the utility of the Australian Guide to the Diagnosis of Fetal Alcohol Spectrum Disorder in young children. <i>Alcoholism: Clinical and Experimental Research (in Press)</i> 2022; DOI:10.1111/acer.15012
Bowman C, Branjerdporn G, Turner K, Kamara M, Tyagi N, Reyes NJD, Stapelberg NJ. The impact of viral epidemics and pandemics on acute mental health service use: an integrative review. <i>Health Psychology Review</i> , 2021; 15(1), 1-33.
Vuksanovic D, Sanmugarajah J, Lunn D, Sawhney R, Eu K, Liang R. Unmet needs in breast cancer survivors are common, and multidisciplinary care is underutilised: the Survivorship Needs Assessment Project. <i>Breast Cancer</i> , 2021; 28,
Waters AM, Sluis RA, Farrell LJ, Donovan CL, Elvin OM, Rossow N, van den Muyzenberg J, Dowell TL, Ryan KM, Finch J, Usher W, Modecki KL, Zimmer-Gembeck MJ, Spence SH. Examining the process of implementing a three-step mental health and wellbeing system of care for children and adolescents across multiple community settings. <i>Child psychiatry and human development</i> , 2021; 0009-398X

Elvin O, Modecki K, Finch J, Donnelly K, Farrell LJ, Waters AM. Joining the pieces in childhood irritability: Distinct typologies predict conduct, depressive, and anxiety symptoms. *Behaviour Research and Therapy*, 2021; (0005-7967), 136, p.103779.

Bowman C, Branjerdporn G, Turner K, Kamara M, Tyagi N, Reyes NJD, Stapelberg NJ The impact of viral epidemics and pandemics on acute mental health service use: an integrative review. *Health Psychology Review*, 2021; 15(1), 1-33.

8.4 Grants awarded

Title	Investigators	Grant Scheme	Amount
Hospital in the Home - Connect: Evaluation of an Allied Health Led Hospital Substitution Model of Care	Dominique Murray, Laetitia Hattingh, Joshua Byrnes, Salim Memon	HP Research Grant Scheme 2024 (awarded Dec 2023)	\$29,684
Hospital in the Home - Connect: Evaluation of an Allied Health Led Hospital Substitution Model of Care	Dominique Murray, Laetitia Hattingh, Joshua Byrnes, Salim Memon	Gold Coast Health Allied Health Clinical Backfill Grant 2023	\$14,638
Psychology and Speech Pathology Interdisciplinary “Aphasia Mood Group” for people with aphasia and their families: A mixed methods study	Madeleine Campbell, Jessica Davis, Rachel Wenke, Brooke Ryan, Kent Druery, Julia Druery, Elke Hafkamp	Gold Coast Health Allied Health Research Clinical Backfill Grant 2023	\$13,344
Diagnostic complexity of Functional Neurological Symptom Disorder (FNSD): A 10-year retrospective cohort study	Alana Schuurs, Jessica Davis	FND SIG Backfill Grant 2022	\$5000
Understanding Models of Care for Frequent Presenters to the Emergency Department: A Scoping Review	Dominique Murray, Julia Crilly, Kristen Jones, Ya-Ling Huang	Allied Health Clinical Backfill Grant 2021	\$10,000
Towards a new conceptualisation of dementia: The role of adverse childhood experiences	Aimee Jeffreys, Michael Saling, Jacqueline Anderson	Allied Health Clinical Backfill Grant 2021	\$10,000
Effectiveness of the Allied Health Demand and Capacity Management (AHDC) Tool to improve patient flow: A mixed methods design	Dominique Murray, Rachel Wenke, Kelly Weir, Sara Burrett, Ashlea Walker, Rachael Smithson, Christopher Ogg, Reece Chang, Andrew Shaw	HP Research Scheme 2021	\$28,270

8.5 Conference presentations

Title	Type	Audience
Murray D, Ellis K. Hospital in the Home 'Allied Health Led Model of Care' for long-stay complex patients. HITH Society Australasia 15 th Annual Scientific Meeting Conference 15-17 November 2023.	Oral	International
Murray D, Burret S. Allied Health Demand and Capacity Tool: A digital solution to transform allied health efficiency. 15th National Allied Health Conference, Perth, 7-9 Aug 2023.	Oral	National
Schuurs A, Davis J. A psychologist's perspective on functional neurology. Rehabilitation Medical Society for Aus and NZ Annual Scientific Meeting, 2022	Oral	National
Till H. What we do and how we do it – A Fetal Alcohol Spectrum Disorder (FASD) Specialist Assessment Clinic. International Child and Adolescent Intellectual Disability Psychiatry Network (CAIDPN) Conference (London, via tele-presentation) 2022	Oral	International
Till H. Clinical Neuropsychological Assessment. Qld Health - Mental Health Review Tribunal - Annual Tribunal Professional Development Workshop 2021	Oral	National
Vandermost M, Bagraith K, Kennedy H, Doherty D, Kilner S, Sterling M, Henry D, Jones M. Allied Health Expanded Scope Pain Management Model of Care Provides a Safe and Effective Option to Improve Access. Australian Pain Society Scientific Conference, 2021	Poster	National

9.0 Sleep Sciences

Lead: Nimi Sharma, Lead Sleep Scientist

9.1 Ethically approved research projects

Study title	Investigators
Characteristics of Obstructive Sleep Apnoea in GCUH	Eisuke Kanno, Aldona Demidowicz, Nimi Sharma, George Tay, Monika Bolger
OSA screening questionnaires in COPD	Saul McWhae, Melisa Medic, Aldona Demidowicz, Nimi Sharma, Bajee Krihsna Sriram

Please note there is no data to report for publications, grants awarded, or conference presentations.

10.0 Social Work

Lead: Angel Carrasco, Director of Social Work

10.1 Ethically approved research projects

Study title	Investigators
When Patients Record Their Clinical Encounters: A Qualitative Study (Stage 2)	Laura Ryan, Kelly Weir, Jessica Maskell, Lily Bevan, Robyne LeBrocque
Exploring Clinician Attitudes to Patients Recording Their Clinical Encounters: a Qualitative Study (Stage 1)	Laura Ryan, Kelly Weir, Jessica Maskell, Robyne LeBrocque
Transforming Social Work Documentation across the Sunshine State – A mixed methods study exploring the implementation of standardised Psychosocial Assessment Templates in Queensland Health	Kellie Young
Investigating the contents within the loss and grief packs offered to bereaved families in the event of a death in the emergency department	Lise Johns

Views of female AHP working part-time on return from maternity leave.	Samantha Raffie, Julie Hulcombe, Sandra Capra
Women's perceptions of maternity care responses to domestic and family violence and abuse at the Gold Coast University Hospital: A qualitative study	Tania Clonan, Jennifer Boddy, Grace Bradjerdporn, Angel Carrasco, Kathleen Baird, Kym Tighe
Developing a prioritisation framework for social work referrals in an Australian tertiary hospital context – a modified Delphi study. (2)	Joanne Hilder, Maree Petersen, Jill Wilson
Understanding what factors impact hospital social workers prioritisation of referrals – a qualitative study.	Joanne Hilder, Maree Petersen, Jill Wilson
Factors influencing hospital social workers choice of intervention for older abused women: A retrospective chart audit"	Alice "Lucy" Stanley, Laetitia Hattingh, Kelly Weir, Natalia Mendez Arostica, Kym Tighe, Jessica Maskell, Margaret Shapiro
Exploring the lived experiences of consumers of the Gold Coast Health Transition Care Program	Sally Fields, Raleen Callcott, Carissa Gaffney
Economic Evaluation of Expanded Social Work Service In Emergency Department	Jill Mahoney

10.1 Publications

Travaglia J, Carrasco A, Henao-Urrego B. "The Social Work profession in the Australian healthcare system" in Louise Reynolds, Deborah Debono, Joanne Travaglia eds. Understanding the Australian Health Care System, 5th ed. Elsevier Australia, Sydney. 2023; pp 336- 345
Gillespie K, Branjerdporn G, Tighe K, Carrasco A, Baird K. Domestic violence screening in a Public Mental Health Service: A qualitative examination of mental health clinician responses to DFV. Journal of Psychiatric and Mental Health Nursing. 2023; Jun;30(3):472-80.
Ryan L, Weir KA, Maskell J, Bevan L, Le Brocque R. Beyond Recording the Clinical Discussion: A Qualitative Study into Patient-Led Recordings in Hospital. Journal of Patient Experience, 2023; 10, 23743735231203126.
Sweeny AL, Bourke C, Torpie TM, Sargeant S, Hughes J, Watson J, Conroy S, Carrasco A, Tighe K, Thornton NS, Cumner AS. Improving domestic violence screening practices in the emergency department: an Australian perspective. Emergency medicine journal. 2023 Feb 1; 40(2):114-9.
Ryan L, Weir KA, Maskell J, Bevan L, Le Brocque R. Defining covert recording: A qualitative study exploring the experiences of clinicians when a patient records a hospital clinical encounter using a smartphone without consent. Digital Health, 2022; 8, 20552076221134388.

Ryan L, Weir K, Maskell J, Le Brocque, R. Smartphone standoff: a qualitative study exploring clinician responses when a patient uses a smartphone to record a hospital clinical encounter. <i>BMJ open</i> , 2022; 12(4), e056214.
Ryan L, Weir KA, Maskell J, Bevan L, Le Brocque R. 'What are you hiding from me?' A qualitative study exploring health consumer attitudes and experiences regarding the patient-led recording of a hospital clinical encounter. <i>Health Expectations</i> , 2022; 25(6), 3096-3104.
Greathouse, J/ (Co-author). <i>Australian Palliative Social Work. Oxford Textbook of Palliative Social Work 2nd Edition</i> , 2022
Plunkett E, Broadbent A, Fien S, Cardona M. Impact of COVID-19 Social Distancing on the Quality of Dying: A Call for Discretionary Application of Rules, <i>Journal of Social Work in End-of-Life & Palliative Care</i> , 2021; DOI: 10.1080/15524256.2021.1915920
Beckwith D, Briggs L, Carrasco A, Shapiro M. Factors that contribute to participation and engagement of mental health consumers with a public mental health early psychosis program, 2021
Beckwith D, Briggs L, Shapiro M, Carrasco A. Young consumers experiences of engaging with an Australian Early Psychosis Service- A challenge for Social Work, 2021; Vol.19, No.2, 105-125 <i>Journal of Social Work in Mental Health</i>

Conference Presentations

Title	Type	Audience
Young K. Virtual Social Work Interventions: The effectivity of alternate methods. the 2021 National Allied Health Conference. August 2021	Oral	National
Well M, Rosser P. From Contact Tracing to Hotel Quarantine – Social Work Leading the Way -the 2021 National Allied Health Conference. August 2021	Oral	National

Please note there is no data to report for grants awarded.

11.0 Speech Pathology

Lead: Leah Coman, Acting Director of Speech Pathology

11.1 Ethically Approved Research Projects

Study title	Investigators
Improving Videofluoroscopic Swallow Study Interpretation in Radiology Registrars through a Targeted Training Program - A Prospective Cohort Study	Leah Coman, Kelly Weir, Elizabeth Cardell, John Richards, Amanda Mahon, Melissa Lawrie, Robert Ware
Oral Feeding and Aspiration Risk in Infants & Children receiving high flow nasal cannula respiratory support – cohort study	Kelly Weir, Suzie Reilly, Keith Grimwood, Robert Ware, Manbir Chauhan, Angie Canning, Rachel Fairhurst, Thuy Frakking
Successful Oral Feeding Teat Trial (SOFTT study)	Angie Canning, Rachael Oorloff, Timothy Hong, Margot Van Drimmelen, Liz Chappell, Robert Ware, Kelly Weir
The Speech-Language Pathology Primary Contact Model of Voice Assessment	Christopher Payten, Kelly Weir, Catherine Madill
The use of a supported photographic menu tool for hospital inpatients with dementia: a mixed methods randomised controlled study	Jillian Williams, Rachel Wenke, Tanya Rose, Erin Conway, Melissa Lawrie, Marie Hopper, Katherine Francis, Ian Hughes, Zane Hopper
Facial taping for central facial palsy	Annabelle Vaughan, Elise Sharpe, Anna Copley, Anna Miles
Group therapy for non-progressive dysarthria compared to individual therapy: A randomised controlled trial with concurrent process evaluation.	Rachel Wenke, Katherine Francis, Elise Sharpe, Melissa Lawrie, Ian Hughes, Emma Elizabeth Cardell,

	Stephen McPhail, Hannah Carter
Aphasia recovery with Music exposure (AMP)	David Copland, Marcus Meinzer, Teppo Sarkamo, Felicity Baker, Katie McMahon, Tracy Roxbury, Melissa Lawrie, Rachel Wenke, Sandeep Bhuta
Navigating the Maze of Mealtimes – assessing effect of a parent education program for children with feeding difficulties.	Rachel Fairhurst, Jacqui Willcox, Cari Traicos, Ashleigh Blake, Megan Free, Kelly Weir
Telehealth Voice Assessment by Speech Language Pathologists during a global pandemic using principles of a Primary Contact Model	Christopher Payten, Kelly Weir, Duy Duong Nguyen, Daniel Novakovic, John O'Neill, Antonia Chacon, Catherine Madill
Does gross motor function predict oral feeding difficulties in pre term infants over the first year of life (The STRONG Prems Study)	Kelly Weir, Olivia McGahey, Timothy Hong, Angie Canning, Vincent Van Dijk, Thuy Frakking
Standardisation of swallowing sounds to provide better access to safer, more accurate and improved reliability for the detection of swallowing disorders in neonates and children across the care continuum – towards a new gold standard. (SUPERB study)	Thuy Frakking, Timothy Hong, Julie Dunsmuir, Kelly Weir, Manuel Bautista, Anne Clayton, Paul Colditz, Melissa Lai, Anne Chang, Christopher Carty, Seiji Humphries
Investigating the clinical practices of Otolaryngologists and Speech-Language Pathologists in Assessment and Diagnosis of Voice Disorders; an international web-based survey.	Christopher Payten, Kelly Weir, Catherine Madill
Application of Frame Rates on Paediatric Videofluoroscopic Swallow Studies	Thuy Frakking, Michael David, Anne Chang, Anubhav Sarikwal, Seiji Humphries, Sarah Day, Kelly Weir

Use of slightly thickened formulas for infants and children with pediatric feeding disorders: influence of standardization and nutritional content from an Australian context	Thuy Frakking, Chelsea Whillans, Caitlin Rogash, Michael David
Psychology and Speech Pathology Interdisciplinary “Aphasia Mood Group” for people with aphasia and their families: A mixed methods study	Madeline Campbell, Jessica Davis, Brooke Ryan, Rachel Wenke; Kent Druery, Julia Druery
Perspectives on cervical auscultation in the detection of aspiration in children	Thuy Frakking, Seiji Humphries, Steven James, Sarah Day
Respiratory muscle strength training to prevent aspiration in children	Miriam Cameron, Anne Chang, Kelly Weir, Vikas Goyal
Application of machine learning on cervical auscultation in children	Thuy Frakking, Belinda Schwerin, Stephen So, Timothy Tadj, Anne Chang, Kelly Weir, Christopher Carty, Michael David
Automatic segmentation of swallow sounds in preterm infants	Thuy Frakking, Belinda Schwerin, Stephen So, Timothy Tadj, Anne Chang, Kelly Weir, Christopher Carty, Michael David, Timothy Hong, Paul Colditz, Melissa Lai, Manuel Bautisa, Anne Clayton
Integrated Children's Care for chronic non-complex medical conditions in children	Thuy Frakking, Mark Butterworth, Harriet Hiscock, Anne Chang, Hannah Carter, Michael David, Sonya Osborne, Ansuyah Padayachee
Assessment of ASD in children	Thuy Frakking, Alison Burmeister, Lisa Kane, Seiji Humphries, Michael David, Hannah Carter
Improving the accuracy of Texture Modified Diets in Dysphagia: the INTENDED study	Marie Hopper, Shelley Roberts, Rachel Wenke, Leisa Bromiley, Zane Hopper, Chelsea Whillans, Andrea Marshall

Comparing intensive versus traditional voice therapy in functional dysphonia	Rachel Wenke, Penny Stabler, Leah Coman, Deborah Theodoros, John O'Neill, Elizabeth Cardell, Chloe Walton, Melissa Lawrie, Catherine Madill, Heidi Gray
Client and student perceptions of a group-based, student-led service model "Dysphagia Afternoon Tea" A Pilot Study.	Shelley Gapper, Rachel Wenke, Melissa Lawrie & Elizabeth Cardell
Development of an education resource for family members and friends of people with a cognitive-communication disorder following right hemisphere stroke	Ronelle Hewetson, Petrea Cornwell, Amanda Love, Rachel Lavaszy, Tracy Till

11.2 Systematic Reviews

Title	Investigators
Oral feeding for infants and children receiving nasal continuous positive airway pressure and high flow nasal cannula: a systematic review	Angie Canning, Sally Clarke, Sarah Thorning, Manbir Chauhan, Kelly Weir
A systematic review of the use and safety of radiographic contrast media for patients across the lifespan undergoing swallowing evaluation.	Chelsea Whillans, Leah Coman, Angie Canning, Amanda Mahon, Mahendra Jaya Kumar, Sarah Thorning, Kelly Weir
Validated Patient Reported Outcome Measures in Speech Pathology: A scoping review.	Verity Mitchell, Danielle Gardiner, Rachel Wenke, Kelly Weir, Angie Canning, Thuy Frakking
A Comparison of Voice and Psychotherapeutic Treatments for Adults With Functional Voice Disorders: A Systematic Review.	Heidi Gray, Leah Coman, Chloe Walton, Sarah Thorning, Elizabeth Cardell, Kelly Weir
Frameworks, Terminology and Definitions used for the Classification of Voice Disorders: A Scoping Review.	Christopher Payten, Greg Chiapello, Kelly Weir, Catherine Madill

Systematic review of patient and service outcomes of interdisciplinary feeding team management of infants and children with feeding and swallowing difficulties.

Louise Van Dijk,
Samantha Burston,
Sarah Thorning , Kelly
Weir

11.3 Publications

Frakking T, Whillans C, Rogash C, David M. Properties of Australian thickened formulae for infants and children: Influence of preparation and nutritional content on IDDSI properties. *Journal of Texture Studies*, 2023; 1-9. DOI: 10.1111/jtxs.12762

Chilman L, Kennedy-Behr A, Swanepoel L, Frakking TT, Verdonck M. Picky eating in children: current clinical trends and practices within an Australian healthcare context. *Australian Occupational Therapy Journal*, 2023; doi: 10.1111/1440-1630.12869

Payten CL, Chiapello G, Weir KA, Madill CJ. Frameworks, Terminology and Definitions used for the Classification of Voice Disorders: A Scoping Review. *Journal of Voice*, 2022

Frakking TT, Teoh HJ, Shelton D, Moloney S, Ward D, Annetts K, David M, Levitt D, Chang AB, Carty C, Barber M, Carter H, Mickan S, Weir K, Waugh J. Effect of care coordination via an allied health liaison officer for chronic non-complex medical conditions (non-CMC) in children: a multi-center randomised clinical trial. *JAMA Pediatrics*, 2022; 176(3), 244-252. doi: 10.1001/jamapediatrics.2021.5456

Frakking TT, Chang AB, Carty C, Newing J, Weir KA, Schwerin B, So S. Using an automated speech recognition approach to differentiate between normal and aspirating swallowing sounds recorded from digital cervical auscultation in children. *Dysphagia*, 2022; doi: 10.1007/s00455-022-10410-y.

Frakking TT, Waugh J, Carty C, Burmeister A, Marozza A, Hobbins S, Kilah M, David M, Carter H. High value service models in the assessment of Autism Spectrum Disorder in children: a multi-centre randomised controlled trial study protocol. *BMC Pediatrics*, 2022; doi: 10.1186/s12887-022-03244-y.

Carter H, Waugh J, Chang AB, Shelton D, David M, Weir KA, Levitt D, Carty C, Frakking TT & ICCO Collaborative. Cost-effectiveness of care coordination for children with chronic non-complex medical conditions (non-CMC): a multi-center randomized control trial. *Value in Health*, 2022; doi: 10.1016/j.jval.2022.06.008

Shrubsole K, Copland D, Hill A, Khan A, Lawrie M, O'Connor DA, Pattie M, Rodriguez A, Ward EC, Worrall L, Marie-Pier MP. Development of a tailored intervention to implement an Intensive and Comprehensive Aphasia Program (ICAP) into Australian health services, *Aphasiology*, 2022; DOI: 10.1080/02687038.2022.2095608

James S, Annetts K, Frakking TT, Broadbent M, Waugh J, Perry L, Lowe J & Clark S. Diabetic ketoacidosis presentations in a low socio-economic area of Queensland, Australia. *Australasian Emergency Care*, 2022; doi: 10.1016/j.auec.2022.06.001

Coman L, Cardell E, Richard J, Mahon A, Lawrie M, Ware R, Weir KA. Videofluoroscopic swallow study training for radiologists-in-training: a survey of practice and training needs. *BMC Medical Education*, 2022; 22:762 <https://doi.org/10.1186/s12909-022-03799-5>

Writing Committee for the REMAP-CAP Investigators, Florescu S , Stanciu D, Zaharia M , Kosa A, Codreanu D, Kidwai A, Masood S, Kaye C, Coutts A, MacKay L, Summers C, Polgarova P, Farahi N, Fox E, McWilliam S, Hawcutt D, Rad L, O'Malley L, Whitbread J, Jones D, Dore R, Saunderson P, Kelsall O, Cowley N, Wild L, Thrush J, Wood H, Austin, K and 16 more Long-term (180-Day) Outcomes in Critically Ill Patients With COVID-19 in the REMAP-CAP Randomized Clinical Trial. JAMA 2022; 329 (1) 39. doi: 10.1001/jama.2022.23257

Eakin J, Michael, S, Payten C. et al. Evaluating diagnostic and management agreement between audiology and ENT: a prospective inter-rater agreement study in a paediatric primary contact clinic. BMC Pediatr 2022; 22, 646. <https://doi.org/10.1186/s12887-022-03695-3>

Canning A, Clarke S, Thorning S, Chauhan M, Weir K. Oral feeding for infants and children receiving nasal continuous positive airway pressure and high flow nasal cannula: a systematic review. BMC Pediatrics, 2021; 21(1), 83–83. <https://doi.org/10.1186/s12887-021-02531-4>

Gapper S, Wenke R, Lawrie M, Cardell E. (2021). Client and student perceptions of a group-based, student-led service model “Dysphagia Afternoon Tea”: A Pilot Study. JCPSP, 2021; Volume 23, Number 1

Wenke R, Coman L, Walton C, Madill C, Theodoros D, Bishop C, Stabler P, Lawrie M, O'Neill J, Gray H, Cardell E. Effectiveness of Intensive Voice Therapy Versus Weekly Therapy for Muscle Tension Dysphonia: A Noninferiority Randomised Controlled Trial With Nested Focus Group. Journal of Voice, 2021

Hopper M, Roberts S, Wenke R, Hopper Z, Bromiley L, Whillans C, Marshall A. Improving Accuracy of Texture Modified Diets and Thickened Fluids Provision in the Hospital: Evidence in Action. Dysphagia, 2021

Payten C, Nguyen D, Novakovic D, O'Neill J, Chacon A, Weir K, Madill C. Telehealth Voice Assessment by Speech Language Pathologists during Covid-19 using principles of a Primary Contact Model protocol, using an observational cohort study protocol. BMJ Open, 2021

Gray H, Coman L, Walton C, Thorning S, Cardell E, Weir K. A Comparison of Voice and Psychotherapeutic Treatments for Adults With Functional Voice Disorders: A Systematic Review. Journal of Voice, 2021; <https://doi.org/10.1016/j.jvoice.2021.09.018>.

Chilman L, Kennedy-Behr A, Swanepoel L, Frakking TT, Verdonck M. Picky eating in children: a scoping review to examine its intrinsic and extrinsic features and how they relate to identification. International Journal of Environmental Research and Public Health, 2021; doi: 10.3390/ijerph18179067

Frakking TT, Craswell A, Clayton A, Waugh J. Evaluation of research capacity and culture of health professionals working with women, children and families at an Australian public hospital: an observational study. Journal of Multidisciplinary Healthcare, 2021; doi: 10.2147/JMDH.S330647

11.4 Grants Awarded

Title	Investigators	Grant scheme	Amount
Telehealth Voice Assessment by Speech Language Pathologists during a global pandemic using principles of a Primary Contact Model	Christopher Payten, Heidi Gray, Greg Chiapello	Gold Coast Health Allied Health Research Clinical Backfill Grant 2023	\$13,119

Psychology and Speech Pathology Interdisciplinary “Aphasia Mood Group” for people with aphasia and their families: A mixed methods study	Madeleine Campbell, Jessica Davis, Rachel Wenke, Brooke Ryan, Kent Druery, Julia Druery, Elke Hafkamp	Gold Coast Health Allied Health Research Clinical Backfill Grant 2023	\$13,344
External validation of a classifier for the detection of aspiration in children	Thuy Frakking, et al	Medical Research Future Fund (MRFF) - Assessment of High-Cost Gene Treatments and Digital Health Interventions (2023)	\$156, 265
Automatic segmentation of preterm swallow sounds	Thuy Frakking, et al	Caboolture, Kilcoy, Woodford Health Research Grants 2022	\$20,000
Standardisation of swallowing sounds	Thuy Frakking, T. et al	Children's Hospital Foundation Mary McConnel Grant 2022	\$50, 000
Swallowing Sounds in premature babies (SUPERB) study	Thuy Frakking, Anne Chang, Kelly Weir, Paul Colditz	The Prince Charles Foundation 2022	\$19,010.32
Stakeholder engaged curriculum redesign and delivery for speech pathology paediatric feeding disorders.	Kelly Weir, Shaun Ziegenfusz, Samantha Siyambalapitiya, Angela Canning, Thuy Frakking, Nicole Ross	Griffith University Learning & Teaching Grant 2022	\$11,500.00
Standardisation of swallowing sounds to provide better access to safer, more accurate and improved reliability for the detection of swallowing disorders in neonates and children across the care continuum – towards a new gold standard. (SUPERB study)	Thuy Frakking, Anne Chang, Paul Colditz, Kelly Weir, Christopher Carty.	Metro North Clinician Research Fellowship for 4 years 2021	\$257,448.00
Standardisation of swallowing sounds to provide better access to safer, more accurate and improved reliability for the detection of swallowing disorders in neonates and children across	Thuy Frakking, Angela Chang, Paul Colditz, Kelly Weir, Christopher Carty	Children's Hospital Foundation; Early Career Research Project – Support 2021	\$35, 567

the care continuum – towards a new gold standard. (SUPERB study)			
Telehealth Voice Assessment by Speech Language Pathologists during Covid-19 using principles of a Primary Contact Model	Christopher Payten, Kelly Weir, Duy Duong Nguyen, Daniel Novakovic, John O'Neill, Antonia Chacon, Catherine Madill	Allied health Professions' Office of Queensland (AHPOQ) health Practitioner Research Scheme (HPRS) 2021	\$28,364.00
High value allied health service models in the assessment of Autism Spectrum Disorder in children: A randomised control trial	Thuy Frakking	Allied health Professions' Office of Queensland (AHPOQ) health Practitioner Research Scheme (HPRS) 2021	\$152,505.00
An investigation into the feasibility of implementing facial taping for adults with central facial palsy via a combined telehealth model.	Annabelle Vaughan, Anna Copley, Anna Miles, Emma Finch, Jenny Lethlean	Gold Coast Health AH Research Clinical Backfill Grant (2021)	\$9,266.00
Investigating current clinical practice in assessment and diagnosis of voice disorders.	Christopher Payten, Kelly Weir, Duy Duong Nguyen, Daniel Novakovic, John O'Neill, Antonia Chacon, & Catherine Madill	Gold Coast Health AH Research Clinical Backfill Grant (2021)	\$12,065.00
Does gross motor function predict the presence of oral feeding difficulties in extremely preterm infants in the first year of life? The STRONG PREMS study	Olivia McGahey, Kelly Weir, Vincent Van Dijk, Thuy Frakking, Angie Canning, Timothy Hong	Gold Coast Health AH Research Clinical Backfill Grant (2021)	\$9,266.00
Validated patient reported outcome measures in speech pathology: A scoping review.	Danielle Gardiner, Verity Mitchell, Thuy Frakking, Angie Rachel Wenke, Kelly Weir	Gold Coast Health AH Research Clinical Backfill Grant (2021)	\$12,065.00
A systematic review of the use and safety of radiographic contrast media for patients across the lifespan undergoing swallowing evaluation.	Chelsea Whilans, Kelly Weir	QRB Legacy Grant (SPA) 2021	\$10,000.00

11.5 Conference presentations

Title	Type	Audience
Canning A. Validated patient-reported outcomes in paediatric speech pathology: A scoping review. Speech Pathology National Conference 2023.	Oral	International
Siyambalapitiya S, Wenke R, Rose T, Vaughan A. Working with bi/multilingual adults with aphasia in a hospital and healthcare setting: An exploratory qualitative case study, International Association of Communication and Science Disorders, August 2023	Oral	International
Gardner D, Mitchell V, Frakking T, Canning A, Weir K, Wenke R. Validated patient-reported outcome measures in speech pathology adult practice: A scoping review. Speech Pathology Australia National Conference 2023.	Oral	National
Gardner D, Mitchell V, Frakking T, Canning A, Weir K, Wenke R. PROMS & PREMS Gold Coast Research Showcase 2022.	Oral	Local
Frakking T, Chang A, Carty C, Newing J, Weir K, Schwerin B, So S. Using an automated speech recognition approach to differentiate between normal and aspirating swallow sounds recorded from digital cervical auscultation in children. Speech Pathology Australia National Conference, May 2022.	Oral	National
Weir K, Canning, A, George S, Reilly S., Grimwood K, Moloney S, Hong T, Chauhan M, Ware R, Frakking T. Oral feeding safety and aspiration risk in preterm and term infants receiving high flow nasal cannula respiratory support. Speech Pathology Australia National Conference, May 2022.	Oral	National
Weir K, Canning A, George S, Reilly S, Grimwood K, Moloney S, Hong T, Chauhan M, Ware R, Frakking T. Oral feeding and aspiration risk for infants receiving CPAP and HFNC. Invited speaker, Australian College of Neonatal Nursing (ACNN) National Conference, Coffs Harbour, September 2022.	Oral	National
Weir K, Canning A, George S, Reilly S, Grimwood K, Moloney S, Hong T, Chauhan M, Ware R, Frakking, T. Oral feeding safety and aspiration risk in preterm and term infants receiving high flow nasal cannula respiratory support. European Society for	Oral	National

Swallowing Disorders (ESSD); Belgium, September 2022.		
Frakking T, Chang A, Carty C, Newing J, Weir K, Schwerin B, So S. Using an automated speech recognition approach to differentiate between normal and aspirating swallow sounds recorded from digital cervical auscultation in children. European Society of Swallowing Disorders 2022.	Lightening talk	Local
Payten C, Weir K, Nguyen D, Novakovic D, O'Neill J, Chacon A, Madill C. "Telehealth Voice Assessment by Speech Language Pathologists during COVID-19 using principles of a Primary contact Model – a study protocol." Australian Voice Association Virtual Composium, March 2021.	Oral	National
Gapper S, Wenke R, Lawrie M, Cardell E. "Client and student perceptions of a group-based, student-led service model 'Dysphagia Afternoon Tea': A feasibility study" SPA 2021 National Conference (Virtual), May 2021.	Oral	National
Wenke R, Coman L, Walton C, Maddill C, Theodoros D, Bishop C, Stabler P, Lawrie M, O'Neill J, Gray H, Cardell E, (oral) "Effectiveness of intensive voice therapy versus standard therapy for muscle tension dysphonia: A randomised controlled trial with nested focus group" SPA 2021 National Conference (Virtual), May 2021.	Lightening talk	Local
Hopper M, Roberts S, Wenke R, Hopper Z, Bromiley L, Whillans C, Marshall A. "Improving Accuracy of Texture Modified Diets and Thickened Fluids Provision in the Hospital: Evidence in Action". SPA 2021 National Conference (Virtual), May 2021.	Lightening talk	Local
Weir K, Reilly S, Grimwood K, Ware R, Chauhan M, Canning A, Fairhurst R, Frakking T. "Diagnostic feeding safety and aspiration risk in preterm and term neonates receiving high flow nasal cannula respiratory support." Gold Coast Health Research Showcase, November 2021.	Lightening talk	Local
Frakking T. "Using an automated speech recognition approach to differentiate between normal and aspirating swallowing sounds recorded from digital cervical auscultation in children." Gold Coast Health Research Showcase, November 2021.	Lightening talk	Local
Frakking T. "Effect of care coordination via an Allied Health liaison officer for chronic non-complex medical conditions (non-CMC) in children: a multi-centre randomised control trial." Gold Coast Health Research Showcase, November 2021.	Lightening talk	Local

Payten C, Chiapello G, Weir K, Madill C. Frameworks, Terminology and Definitions used for the Classification of Voice Disorders: A Scoping Review. Gold Coast Health Research Showcase, November 2021.	Oral	International
Payten C, Chiapello G, Weir K, Madill C. Frameworks, Terminology and Definitions used for the Classification of Voice Disorders: A Scoping Review. Gold Coast Health Research Showcase, November 2021.	Oral	Local
Siyambalapatiya S, Wenke R, Rose T, Vaughan A. Exploring speech pathology services for bilingual adults with aphasia in a hospital and health care setting, Speech Pathology Australia National Conference, May 2022.	Poster	International
Francis K, Wenke R, Rose T, Hopper M, Lawrie M, Hopper Z, Hughes I. "Implementation and feasibility of aphasia friendly menus in hospital setting" Clinical Aphasiology Conference, USA, May 2021.	Poster	National
Michael S, Eakin J, Noonan F, Payten CL, Stewart V, Smith T, Weir KA. "Evaluating diagnostic and management agreement between an audiologist and ear, nose and throat specialist in a paediatric primary contact clinic" May 2021.	Poster	National
Finn E, Hewetson R, Howells S, Clifton J, Cardell E. "What students can teach each other: Outcomes from a speech-language pathology student-led voice clinic for initial teacher education students." Australian Voice Association Virtual Composium, March 2021.	Poster	National