



2022

# RBWH Research Report

**ALLIED HEALTH**

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## Allied Health Professions



**Dr Peter Buttrum**  
**Executive Director of Allied Health Professions**

The Allied Health Professions (AHP) Service line includes Audiology, Nutrition, Dietetics and Food Services, Occupational Therapy, Orthotics and Prosthetics, Psychology, Social Work and Speech Pathology, as well as the Clinical Multimedia Unit and Aboriginal and Torres Strait Islander Health Liaison Service.

In 2022, AHP service line staff led and contributed to research achievements that included:

- 39 new research grants, totalling over \$18 million dollars (multi-year and in collaboration with multiple partners including UQ/STARS) to fund research and translation of research into practice that will directly improve patient care;
- 100 journal articles and 5 book chapters;
- 16 research awards; and
- 14 keynote or plenary lectures at national and international conferences.

These research outputs and success reflect the ongoing commitment of staff to embed research alongside clinical care and support from research coordinators, champions and directors who continually promote and encourage a research active workforce. In May we congratulated Professor Marilyn Banks who won the Research Support Award at the Metro North Research Excellence Awards for recognition of her leadership in building research capacity across RBWH and Metro North.

Our leadership in consumer-focussed research and quality improvement was recognised at the 2022 QuARRIES, with three allied-health projects winning awards:

- Fostering Innovation - RBWH Speech Pathology Led Referring Model.
- Consumer Engagement & Allied Health Service Line awards – Co-designing a person centred PREMs framework.

Our service-line research capacity continues to grow and we congratulate Dr Shana Taubert (Speech Pathology) and Dr Erin Crofton (Occupational Therapy), respectively on conferral of their PhDs, and congratulate Dr Sarah Andersen (Nutrition & Dietetics) and Dr Julie Adsett (Physiotherapy) on receiving Metro North Clinician Research Fellowships, to support their post-doctoral research.

I want to express my thanks and acknowledge the essential role of our university partners in supporting our research activities and highlight major research grants that connect RBWH clinical services with national and international research collaborations, specifically:

- Professor Ruth Hubbard (UQ) and Dr Adrienne Young (UQ & Nutrition & Dietetics) and team, who were awarded MRFF Dementia Ageing and Aged Care and NHMRC Centre for Research Excellence funding;
- Professor Nadine Foster (UQ) and A/Professor Shaun O'Leary (UQ & Physiotherapy), Dr Maree Raymer and Patrick Swete Kelly (Physiotherapy), joining an international team to receive a NHMRC-NIHR Collaborative

Research Grant; and

- A/Professor Shaun O'Leary, Janelle Hein and Dr Michelle Cottrell (Physiotherapy), who were awarded a HCF Translational Research Grant to investigate best practice management of low-back pain in the Emergency Department, in partnership with the Emergency Trauma Centre and Jamieson Trauma Institute.

We appreciate the collaborative nature of our MN research partners including the Herston Bio fabrication Institute, Jamieson Trauma Institute as well as our ongoing, strong interdisciplinary partnerships across the RBWH Service Lines. I'd like to thank our consumer research partners, particularly Anja Christoffersen, Gary Power and Dale Trevor for supporting several allied health research projects. These research partnerships are fundamental to ensuring our research is aligned with best clinical practice and is for the benefit of patients and the community.

# Centre for Allied Health Research

## Research highlights for the year (1 January – 31 December 2022)

In 2022, the Centre for Allied Health Research supported research activity and translation of research into practice across the RBWH AHP service line and RBWH more broadly. We are proud to have supported high impact, collaborative projects, including the Metro North Telehealth Co-Design Project which will continue to uplift and sustain access to telehealth for patients across Metro North. We celebrated as the partnership between RBWH AHP and Safety and Implementation Service to co-design a person centred PREMs framework was awarded the Consumer Focus Category and the Allied Health Service Line QuARRIES awards.

We refreshed and updated the RBWH Allied Health Research Action Plan (2022-25), which will ensure a cohesive and strategic approach to building research capacity and outcomes over the next three years. Highlights included coordinating a Research Grant Writing Workshop in May 2022, where 20 participants joined our panel of experienced researchers and consumer representatives to learn strategies to support their own grant writing practice.

As 2022 concluded, we met with consumer representatives, allied health research coordinators, champions and managers to understand what is needed to make consumer-partnered research a reality for our service line. This co-design workshop was a highlight of our year as we could (finally!) meet face to face and understand the goals, barriers and solutions required to support genuine consumer-researcher partnerships for research and quality improvement. There will be more to come in 2023 as we put these strategies into practice.

## Research Awards and Achievements

Recipient (RBWH staff in bold)	Award	Event
Brianna McCoola (CEQ), Emilie Eadie (Radiation Oncology), Yovanna Funnell (Cancer Care), Joshua Drew (CSDS), <b>Angela Chang</b> , Lauren Rawding (Consumer rep), Joshua Hanley (Consumer rep)	Consumer Focus award for AYA multimedia patient education in Radiotherapy	RBWH QuARRIES Awards, December 2022
<b>Kelsey Pateman</b> , Anja Christoffersen (Consumer Representative), Aileen Hanley-Platz (SIS), Meredith Kropp (SIS), Cory Williams (Surg & Periop), Danielle Heffernan (IMS), Alison Alexander (Cancer Care), Colette Barnbrook (Surg & Periop), Elizabeth Ryan (WNS), Dale Trevor (Consumer Representative), Adrienne Young (ND), Christine Petrie (MN Engage), Merrilyn Banks (ND)	Consumer focus category winner & AHP Service Line Award for Co-Designing a Person Centred PREMS framework.	RBWH QuARRIES Awards, December 2022

## Research Grants

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
Claudia Lopez Silva (MNHHS Oral Health) <b>Kelsey Pateman (CAHR)</b> ; Fiona Coyer (QUT); Jeffrey Lipman (ICU RBWH) Laurie Walsh (UQ SOD); Saso Ivanovski (UQ SOD)	ICU Research; CAHR; Oral Health Centre	Oral health in the ICU: a multidisciplinary approach to implementing a risk-based oral hygiene program in an ICU setting	MN SEED/LINK	\$20,000	2022-23
Michelle Cottrell, Clare Burns (RBWH SP), Amber Jones (RBWH OT), Adrienne Young (RBWH ND), <b>Kelsey Pateman (RBWH CAHR)</b> , Gary Power (RBWH CAG), Anja Christoffersen (RBWH CAG), Linda Cuskelly (MN HEI), <b>Peter Buttrum (RBWH CAHR)</b> , Kate Dickson (RBWH Crit Care & Clin Support), Peter Button (Consumer), Emily Arthur (RBWH AHP)	Allied Health Professions; Critical Care and Clinical Support Service, Consumer Advisory Group	Partnering with consumers to optimise engagement with telehealth services within Metro North Health: an experience-based co-design approach (Stage 1)	MN Healthcare Excellence and Innovation	\$48,138	2022
Michelle Cottrell, Clare Burns (RBWH SP), Amber Jones (RBWH OT), Adrienne Young (RBWH ND), <b>Kelsey Pateman (RBWH CAHR)</b> , Gary Power (RBWH CAG), Anja Christoffersen (RBWH CAG), Linda Cuskelly (MN HEI), <b>Peter Buttrum (RBWH CAHR)</b> , Kate Dickson (RBWH Crit Care & Clin Supp)	RBWH Allied Health Professions; Critical Care and Clinical Support Service, Consumer Advisory Group	Partnering with consumers to optimise engagement with telehealth services within Metro North Health: an experience-based co-design approach (Stage 2)	CEQ Telehealth Support Unit	\$90,000	2022-2023



## Current RBWH Department / Research Group Led Research Activity

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Kelsey Pateman</b>	<b>Angela Chang</b> , Susie de Jersey (Nutrition and Dietetics), Anna Farrell (MSHHS), Jenny Strong (Occupational Therapy), Gai Harrison (Social Work), Jennifer Paratz (Griffith), <b>Peter Buttrum (Allied Health)</b> , Marilyn Banks (N&D)	Understanding research capacity and outputs in allied health workforce at RBWH	n/a
<b>Kelsey Pateman</b>	Aideen Hanly-Platz (SIS); Kropp M (SIS); Anja Christoffersen (Consumer Representative), Dale Trevor (Consumer Representative), Cory Williams (Surg & Periop Services), Colette Barnbrook (Surgery & Periop Services), Elizabeth Ryan (WNS), Christine Petrie (MN Engage) Marilyn Banks (N&D) Adrienne Young (N&D)	How should we code qualitative Patient Reported Experience Data? Development and testing of a person-centred content analysis framework.	n/a
<b>Peter Buttrum</b>	Shaun OLeary (Physiotherapy), Adrienne Young (N&D), Diann Eley (UQ), Marilyn Banks (N&D), Mark Cruickshank (Physiotherapy) James Elliot (Uni of Sydney), Nicholas Talley (Uni of Newcastle), Tracy Comans (UQ / CAHR), Scott Bell (TRI)	Sustainable career pathways for clinician-scientists in Australian public health	n/a

## Collaborative Research Activity Involving RBWH Department / Research Group

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Alice Pender (Audiology)	Carla Rose (Audiology), <b>Angela Chang (CAHR)</b> , <b>Tracy Comans (UQ/CAHR)</b>	Patient outcomes following cochlear implant surgery	
Claudia Lopez Silva	<b>Kelsey Pateman (CAHR)</b> ; Fiona Coyer (QUT); Jeffrey Lipman (ICU RBWH) Laurie Walsh (UQ SOD); Saso Ivanovski (UQ SOD)	Oral health in the ICU: a multidisciplinary approach to implementing a risk-based oral hygiene program in an ICU setting	
Emma Osland (Nutrition and Dietetics)	<b>Kelsey Pateman (CAHR)</b> ; Jeanette Morris (PAH); Melanie Nelms (GCUH)	Oral health and behaviours of adults with chronic intestinal failure requiring Home Parenteral Nutrition	
Joshua Russell	<b>Kelsey Pateman (CAHR)</b> Martin Batstone (MNHHS Maxillofacial Surgery)	Donor Site Morbidity of Composite Free Flaps in Head & Neck Surgery: A Prospective Analysis	
Michelle Cottrell (Physiotherapy)	Adrienne Young, Amber Jones (OT), Clare Burns (SP) Ann Rahmann (COH), <b>Kelsey Pateman (CAHR)</b>	Rapid implementation of telehealth in response to COVID-19: an evaluation of the RBWH Allied Health experience	

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Michelle Cottrell (Physiotherapy)	Clare Burns (SP), Amber Jones (OT), Adrienne Young (N&D), <b>Kelsey Pateman (CAHR)</b> , Gary Power (Consumer Representative), Anja Christoffersen (Consumer Representative), Linda Cuskelly (Metro North), <b>Peter Buttrum (CAHR)</b> , Kate Dickson (RBWH).	Partnering with consumers to optimise engagement with telehealth services within Metro North Health: an experience-based co-design approach.	
Michelle Cottrell (Physiotherapy)	<b>Kelsey Pateman (CAHR)</b> , Sarah Featherston (Physiotherapy)	Determining competency and training requirements of Metro North physiotherapists providing care via telehealth.	n/a
Susie de Jersey (Nutrition and Dietetics)	Elizabeth Eakin (UQ, SPH), Shelley Wilkinson (Mater), <b>Tracy Comans (CAHR)</b> , Leonie Callaway (UQ, WNBS), Claire Gardiner, Taylor Guthrie, Hilary Jimmieson, <b>Angela Chang (CAHR)</b> , Nina Melloncelli (MN AH)	Implementation evaluation of a telephone-delivered dietetic model of care for overweight pregnant women	

## Research Publications

### Authors

Investigator	ORCID ID
<b>Kelsey Pateman</b>	<a href="https://orcid.org/0000-0002-5230-1492">https://orcid.org/0000-0002-5230-1492</a>
<b>Peter Buttrum</b>	
<b>Angela Chang</b>	<a href="https://orcid.org/0000-0002-3036-5540">https://orcid.org/0000-0002-3036-5540</a>

### Publications in 2022

#### Journal Articles (RBWH staff in bold)

Brain D, Johnson D, Hocking J, **Chang AT**, The economic impact of rostering junior doctors to triage to assist nursing staff in the early part of the patient journey through the emergency department. PLoS One. 2021 Dec 17;16(12):e0261303.

Burns CL, Cottrell M, Jones A, Foley J, Rahmann A, Young A, Cruickshank M, **Pateman K**. Prioritising enhancements across allied health telehealth services in a metropolitan hospital: Using a concept mapping approach. Journal of Telemedicine and Telecare. 2022;28(10):740-749.

Russell J, Volker G, McGarvey D, Sharpe C, Breik O, Borgna S, **Pateman K**, Batstone M. An objective analysis of composite free flap donor site morbidity in head and neck surgery: Prospective Series. Head & Neck 2022; 1-11



# Dietetics and Food Services

## Successful PhD candidates in 2022

Name	PhD Title	Month Completed	Affiliated University	Summary
Dr Abigail Marsh	Anti-inflammatory diets in adults with inflammatory bowel disease	December 2022	University of Queensland	The aim of this thesis was to investigate the effect of dietary patterns on disease activity in adults with inflammatory bowel disease (IBD). The thesis includes three key studies; a literature review, cross-sectional study and RCT designed to investigate the effects of following an anti-inflammatory diet on disease activity, symptoms, quality of life and gut microbiota composition in individuals with IBD. Overall, thesis findings support the implementation of an anti-inflammatory diet, low in food additives, in individuals with IBD. However, research on diet and IBD is still in its infancy and larger studies are needed to confirm pilot study findings.

## Research Awards and Achievements

Recipient (RBWH staff in bold)	Award	Event
<b>Merrilyn Banks</b>	Research Support Award	Metro North Research Excellence Awards, June 2022
Alison Mudge (IMS), Prue McRae (Eat Walk Engage), <b>Angela Byrnes, Elise Treleaven, Adrienne Young</b>	Health Services and Implementation Research Award	Metro North Research Excellence Awards, June 2022
<b>Susan de Jersey, Taylor Guthrie</b> Leonie Callaway (WNBS), Jeanette Tyler (WNBS), Karen New (WNBS),	Highly commended – Health Services and Implementation Research	Metro North Research Excellence Awards, June 2022
<b>Carrie-Anne Lewis</b>	John Dixon Best Integrated Health Paper Award	ANZMOSS conference, October 2022
<b>Helen MacLaughlin</b>	Promotion by merit to Assoc Professor	Queensland University of Technology, October 2022
<b>Abigail Marsh</b>	Clinical Research Award	The Gastroenterological Society of QLD Young Investigator Awards, June 2022
<b>Kylie Matthews-Rensch</b>	Professor Jeffrey Lipman Best Translational Research into Practice Award	Herston Symposium September 2022
<b>Alice Rogers</b>	Highly commended – New Researcher Award	Dietitians Association Conference August 2022
<b>Emma Osland</b>	Best Social Media	Australasian Society of Parenteral and Enteral Nutrition (AuSPEN) Conference 2022 November 2022

Recipient (RBWH staff in bold)	Award	Event
Kelsey Pateman (CAHR), Anja Christoffersen (Consumer representative) Aideen Hanley-Platz (Safety and Implementation Service), Meredith Kropp (Safety and Implementation Service), Cory Williams (Surgery and Perioperative Services), Danielle Heffernan (Internal Medicine Service), Alison Alexander (Cancer Care Services), Colette Barnbrook (Surgery and Perioperative Services), Elizabeth Ryan (Women's and Newborn Services), Dale Trevor (Consumer representative), <b>Adrienne Young</b> , Christine Petrie (Metro North Engage), <b>Merrilyn Banks</b>	Allied Health Professions Service Line Award "Co-designing a Person-Centred PREMS Framework"	RBWH QUARRIES Awards December 2022
Kelsey Pateman (CAHR), Anja Christoffersen (Consumer representative) Aideen Hanley-Platz (Safety and Implementation Service), Meredith Kropp (Safety and Implementation Service), Cory Williams (Surgery and Perioperative Services), Danielle Heffernan (Internal Medicine Service), Alison Alexander (Cancer Care Services), Colette Barnbrook (Surgery and Perioperative Services), Elizabeth Ryan (Women's and Newborn Services), Dale Trevor (Consumer representative), <b>Adrienne Young</b> , Christine Petrie (Metro North Engage), <b>Merrilyn Banks</b>	Consumer Focus Award "Co-designing a Person-Centred PREMS Framework"	RBWH QUARRIES Awards December 2022

## Research Grants

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Adrienne Young</b> , Shelley Kulperger (Metro North), Aideen Hanley-Platz (RBWH SIS), Christine Petrie (Metro North), Noel Muller (consumer), Gary Power (consumer), Julene Winn (consumer), Helene Jacmon (consumer)	Nutrition and Dietetics, QIPPS, Consumer Advisory Group, Centre for Allied Health Research	Partnering with consumers: a framework for consumer engagement in innovation and service co-design	MNHHS SEED Funding	\$106,302	2021-2022
<b>Claire Dux, Kate Glen</b>	Nutrition and Dietetics and ICU	Use of Indirect Calorimetry in ICU	SERTA Equipment Grant	\$42,078.30	2022
Gita Mishra (UQ), Jenny Doust (UQ), Katrina Moss (UQ), Deborah Loxton (U Newcastle), Lisa Buckley (UQ), Kathleen Baird (UTS), Anthony Herbert (CHQ), Seema Mhrshahi (Macquarie), Annette Dobson (UQ), Craig Olsson (Deakin); Galina Daraganova (U Melbourne), Leigh Tooth (UQ), Debra Anderson (UTS) (QUT), Joanne Gray, <b>Susan de Jersey</b>	Nutrition and Dietetics; UQ; University of Newcastle; UTS; QUT; Macquarie University; Deakin University, AIFS	Mothers and their Children's Healthcare Experience Study (MatCHES)	MRFF PPHR initiative 2020: Maternal First 2000 Days and Childhood Health	\$681300	2022-2026
Helen Barrett (UQ); <b>Susie de Jersey</b> ; Marloes Dekker (UQ)	Mater Research Institute; Nutrition and Dietetics; UQ Biochemistry and Metabolism	Assessing hyperglycaemia in women pregnant after bariatric surgery"	Diabetes Australia Research Program	\$60000	2021-2022
<b>Helen MacLaughlin</b>	Nutrition and Dietetics; Exercise and Nutrition Sciences QUT	Creating new synergies to examine kidney-adipose tissue cross-talk during weight loss in adults with obesity and chronic kidney disease	QUT Early and Mid Career Research Grant	\$20 000	2022
<b>Helen MacLaughlin</b> , Margie Conley (QUT), Andrea Vieceili (PAH), David Johnson (PAH, UQ) Carel Pretorius (Path Qld), David Mudge (PAH), Tammy Tonges (consumer rep), Richard Modderman (PAH), Justin Holland (QUT)	Nutrition and Dietetics, Kidney Health Service, RBWH; QUT; Metro South HHS; Queensland Pathology	Slowing kidney disease with weight loss: a randomised controlled feasibility study	Kidney Health Australia	\$50 000	2021-2022

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Jessica Fry, Michaela Henny, Lisa McGuire, Taylor Guthrie, Susan de Jersey</b> , Nina Meloncelli (Metro North Allied Health), Jane Willcox (Deakin University), Shelley Wilkinson (University of Queensland)	Nutrition and Dietetics, University of Queensland, Deakin University	Understanding the experiences of women referred who did not engage in the Living Well during Pregnancy program	CAHRLI AH-TRIP Start Up Grant	\$7000	2022
<b>Kylie Matthews-Rensch, Adrienne Young</b> , Amy Hannigan (QuEDS), Amanda Davis (QuEDS), Rea Nolan (QuEDS)	Nutrition and Dietetics, QuEDS	We are only as strong as our weakest link: Improving the transition from hospital to home for adults with eating disorders	IgnitED research fund – Australian Eating Disorder Research and Translation Centre	\$25,000	2022-23
<b>Kylie Matthews-Rensch, Adrienne Young, Michael Wilson, Siobhan Wallin</b> , Amy Hannigan (QuEDS)	Nutrition and Dietetics, QuEDS	Are we meeting the nutritional needs for hospitalised patients with eating disorders? The Feeds Needs Study	RBWH Foundation Extraordinary Opportunities	\$40,610	2023-2024
<b>Merrilyn Banks, Adrienne Young, Lisa McGuire</b> , Jennifer Ellick (STARS)	Nutrition and Dietetics, STARS	How good was my meal? Real time patient feedback on food service and consumption to improve nutrition care	RBWH Foundation Extraordinary Opportunities	\$50,000	2023-2024
<b>Merrilyn Banks</b> , Christian Redd (CSIRO), David Silvea-Tawil (CSIRO), Judy Bauer (Monash), Anita Plaza (OT), Andrea McKittrick (OT), Elizabeth Vuzich (Burns)	Nutrition and Dietetics, Physiotherapy, Occupational Therapy, Burns, Surgery	Wearable sensors in patients with a burn injury to measure energy expenditure	RBWH Foundation Special Burns Research Project Grant 2022	\$150,000	2022-2023
<b>Sarah Andersen</b>	Nutrition and Dietetics	Investigating the role of prebiotics in optimising the microbiome and patient outcomes post allogeneic stem cell transplantation	CAHRLI – ECR fellowship	\$25,000	2022
<b>Sarah Andersen</b>	Nutrition and Dietetics	Using prebiotic fibre supplementation to improve patient outcomes during treatment for haematological malignancies	MNHHS Clinician Research Fellowship	TBA	2023-2027
<b>Susan de Jersey</b>	Nutrition and Dietetics	Improving nutrition related antenatal care to optimise future health outcomes for mothers and their offspring	MNHHS Clinician Research Fellowships	\$255,157	2020-2024
<b>Susan de Jersey</b>	Nutrition and Dietetics	Improving nutrition related antenatal care to optimise future health outcomes for mothers and their offspring	UQ Faculty of Medicine Clinician Research Support	\$160,000	2020-2024
<b>Taylor Guthrie</b>	Nutrition and Dietetics	The impact of bariatric surgery prior to pregnancy	Centre of Research Excellence – Health in Preconception and Pregnancy PhD Research Support Grant Scheme	\$3,000	2022

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Teresa Brown</b>	Nutrition and Dietetics	Optimising nutrition outcomes and care pathways for patients undergoing surgical resection for head and neck cancer	MNHHS Clinician Research Fellowships	TBA	2022-2025
<b>Adrienne Young</b>	Nutrition and Dietetics	Promoting Women Fellowship	University of Queensland	\$12,500	2022
<b>Teresa Brown</b>	Nutrition and Dietetics	Investigating the Impact of Skull Base Surgery on Nutrition Outcomes to Optimise Nutrition Care Pathways for Patients Undergoing Surgical Resection for Head and Neck Cancer	Skull-Base Research Funding, RBWH	\$25,618	2022-2023
Belinda Lehn, (RBWH SP) Ann-Louise Spurgin (RBWH SP), Juliet Hoey (RBWH SP), <b>Rebecca Fichera, Claire Blake, Sarju Vasani</b> (RBWH ENT), Sharon Kelly (RBWH Director ENT)	Speech Pathology, Nutrition and Dietetics	Life after Laryngectomy – An online information resource to support patients undergoing laryngectomy surgery and their carers/families	CAHRLI Innovation grant	\$7,000	2022-2023
Leanne Kearney (UQ), Christoph Lehner (WNBS), Nicole Marsh (RBWH), Victoria Eley (RBWH, UQ), Angela Swift (RBWH), Bec Jeckinson (UQ), Jean Spinks (UQ), <b>Susie de Jersey</b> , John Thompson (University of Auckland), Deanne August (RBWH), Amanda Ullman (UQ)	Women's and Newborn Services, Nutrition and Dietetics	Fluids in Labour: Ensuring Maternal Euvolaemia (FLUME) study.	SERTA	\$61 000	2023
Ruth Hubbard (UQ), <b>Adrienne Young</b> , Maria Fiatarone Singh (Uni of Syd), Sarah Hilmer (Uni of Syd), Natasha Reid (UQ), Ken Rockwood (Dalhousie University), Chris Etherton-Beer (UWA), Loretta Baldassar (ECU), Rosemary Saunders (ECU), Michelle Miller (Flinders), Mark Morgan (Bond), Emily Gordon (UQ), Tracy Comans (UQ), Paul Yates (Austin Health), Jason Ferris (UQ)	Nutrition and Dietetics, University of Queensland, University of Sydney, Flinders University, Edith Cowan University, Bond University	Frailty KIT: An Australian Frailty Network to Create Knowledge, Implement Findings and Support Training	MRFF Dementia Ageing and Aged Care	\$5,000,000	2022-2027

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
Ruth Hubbard (UQ), Sarah Hilmer (Uni of Syd), Ken Rockwood (Dalhousie University), Kirsten Howard (Uni of Syd), Allison Tong (Uni of Syd), Monika Janda (UQ), Chris Etherton-Beer (UWA), Danijela Gnjidic (Uni of Syd), Wen Lim (Melbourne Uni), Natasha Reid (UQ), Dan Saskind (UQ), David Story (Uni of Melb), Anna Nowak (UWA), <b>Adrienne Young</b> , Rosemary Saunders (ECU), Nicola Warren (UQ), Emily Gordon (UQ), Heather Allore (Yale), Andrew Clegg (University of Leeds), Fiona Lake (UWA)	Nutrition and Dietetics, University of Queensland, University of Sydney, Edith Cowan University, University of Melbourne, University of Western Australia	Frailty-ADD: Improving Hospital Outcomes for Frail Patients Across Different Disciplines	NHMRC Centre for Research Excellence	\$2,500,000	2022-2027
<b>Kylie Matthews-Rensch, Adrienne Young, Michael Wilson, Siobhan Wallin</b> , Amy Hannigan (QuEDS)	Nutrition and Dietetics, QuEDS	Are we meeting the nutritional needs for hospitalised patients with eating disorders? The Feeds Needs Study	Extraordinary Opportunities Grant, RBWH Foundation	\$40,610	2023
<b>Merrilyn Banks, Adrienne Young, Lisa McGuire</b> , Jennifer Ellick (STARS)	Nutrition and Dietetics, STARS	HOW GOOD WAS MY MEAL? Real time patient feedback on food service and consumption to improve nutrition care	Extraordinary Opportunities Grant, RBWH Foundation	\$50,000	2023

## Current RBWH Department / Research Group Led Research Activity

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Abigail Marsh</b>	<b>Kylie Matthews-Rensch, Claire Blake</b> , Jessica Kinneally (STARS), Jet Yee Ho (QUT)	Audit of the introduction of group education for gastrointestinal conditions	40
<b>Abigail Marsh</b>	<b>Merrilyn Banks</b> , Graham Radford Smith (Gastroenterology), Veronique Chachay (UQ)	Effects on disease activity, self reported symptoms and microbiota profile in patients with IBD of a modified anti-inflammatory diet	0
<b>Adrienne Young</b>	Anja Christoffersen (consumer rep)	Developing a co-design framework for Metro North	0
<b>Adrienne Young</b>	Sally Bennett (UQ), Gill Harvey (University of Adelaide), Sally Barrimore (MNHHS AH), Katrina Campbell (MNHHS AH), Ashley Cameron (AHPOQ), Shelley Wilkinson (Mater), Ingrid Hickman (PAH)	Evaluating an allied health knowledge translating training and support initiative	0



Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Adrienne Young</b>	<b>Rhiannon Barnes</b> , Katrina Campbell (MN), Jan Hill (PAH)	Evaluating the state-wide implementation of the Framework for Effective and Efficient Dietetics Services (FEEDS)	0
<b>Adrienne Young</b>	<b>Angela Byrnes, Clare Cutmore, Claire Dux, Helen MacLaughlin</b> , Yuen Ting Jessie Wan (QUT), Yuet Ching Wu (QUT)	Summarising the evidence relating to standardised enteral nutrition protocols: A scoping review	0
<b>Alice Rogers</b>	<b>Claire Blake, Teresa Brown, Rachel Willims</b> , Judy Bauer (Monash)	Complications following gastrostomy placement in patients with head and neck cancer: A Systematic Literature Review	NA
<b>Amanda Watt</b>	<b>Emma Osland</b> , Vishal Kaushik (Gastroenterology), Craig Harris (Surgery), David Taylor (Surgery), Yan Ning Lam (QUT), Bobo Yeung (QUT)	Examination of nutrition care and support practices for patients having pelvic exenteration surgery	NA
<b>Amanda Watt</b>	<b>Emma Osland, Claire Blake</b> , Vishal Kaushik (Gastroenterology), Kelly Polichronis (QUT), Rowan Madkour (QUT), <b>Helen MacLaughlin</b>	Systematic review: micronutrient vulnerabilities in enterally fed patients	0
<b>Angela Byrnes</b>	<b>Jessica Fry, Natalie Moran, Adrienne Young, Kate Glen</b> , David Clark (Surgery), Rachel Flynn (University of Alberta)	Exploring sustainability of ward-based practice change interventions in Australia: the example of post-operative diet upgrade processes for colorectal surgical patients	0
<b>Angela Byrnes</b>	<b>Amanda Watt, Adrienne Young</b> , David Clark (Surgery), Rachel Flynn (University of Alberta)	Sustainability of Enhanced Recovery After Surgery protocols in gastrointestinal surgery: Scoping Review	NA
<b>Bronwyn Segon</b>	<b>Merrilyn Banks</b> , David Silvera-Tawil (CSIRO), Elizabeth Vujcich (Surgery), Anita Plaza (Physiotherapy), Andrea McKittrick (Occupational Therapy), Judy Bauer (Monash), Dale Trevor (consumer), Marlien Varnfield (CSIRO), Wei Lu (CSIRO), Deepa Prabhu (CSIRO)	Accuracy and acceptability of wearable sensors in patients with burn injury to measure energy expenditure	NA
<b>Carrie-Anne Lewis</b>	Ingrid Hickman (PAH), <b>Susan de Jersey, Emma Osland, Siobhan Wallin</b> , Lindsay Web (PAH), George Hopkins (Surgery), Blair Bowden (Surgery), Benjamin Dodd (Surgery), Viral Chikani (Endocrinology), Anthony Cheng (Surgery), Chung Kwun Won (Surgery), Kath Bradley (Surgery), Lara Maidment (Endocrinology)	Micronutrient and protein energy malnutrition outcomes in a weight loss surgery population	0
<b>Claire Blake</b>	<b>Joanne Hiatt, Emma Osland</b> , Kay Lasenby (Gastro)	Consumer Engagement of gastrostomy service design and evaluation	0
<b>Claire Blake</b>	<b>Merrilyn Banks</b> , Mark Appleyard (Gastroenterology)	Cost effectiveness of Dietitian-led PEG service	0

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Claire Blake</b>	<b>Elise Treleaven, Ally di Bella, Teresa Brown, Adrienne Young</b> , Jenni Leutenegger (Cancer Care), David Wyld (Cancer Care)	Implementation of patient-led malnutrition screening in the cancer care ambulatory setting	0
<b>Claire Blake</b>	Rainbow Lai (UQ), <b>Teresa Brown</b> , Anita Pelecanos (QIMR), Laura Moroney (Speech), Jennifer Helios (Speech), David Smith (QIMR), Brett Hughes (Cancer Care) Liz Kenny (Cancer Care), Benjamin Chua (Cancer Care), Judith Bauer	Nutrition outcomes and treatment toxicities in patients with head and neck cancer receiving helical intensity-modulated radiotherapy	0
<b>Emilie Croisier</b>	<b>Teresa Brown</b> , A Grigg, (Radiation Therapy) P Chan (Cancer Care), J Goh (Cancer Care), Judy Bauer (Monash)	Dietary counselling to increase soluble fibre in patients with gynaecological cancers undergoing pelvic radiotherapy: a feasibility study	0
<b>Emma Osland</b>	Kelsey Pateman (Allied Health), Jeanette Morris (PAH), Melanie Nelms (GCUH), Claudia Lopez Silva (MNHHS)	Oral health and behaviours of adults with chronic intestinal failure requiring Home Parenteral Nutrition	11
<b>Erynn McAuley</b>	Lynda Ross (QUT), <b>Helen MacLaughlin</b> , Mary Hannan-Jones (QUT), Neil King (QUT)	The effectiveness of diet quality indices in measuring a change in diet quality over time: a systematic review and meta-analysis of randomized controlled trials	NA
<b>Erynn McAuley</b>	Lynda Ross (QUT), <b>Helen MacLaughlin</b> , Mary Hannan-Jones (QUT)	What is the diet quality and self-efficacy of adults with chronic kidney disease?	63
<b>Helen MacLaughlin</b>	Andrea Parker (MSHHS), Lisa Mercer (Cairns HHS), Prudence Sterling (QUT), Elizabeth Lambert (QUT)	Effective Nutrition Interventions in Severe Mental Illness: Systematic review	NA
<b>Helen MacLaughlin</b>	<b>Robin Hay, Andrea Cawte</b> , Gemma Woodruff (Pharmacy), Elizabeth Ryan (Physio), Matthew Seymour (Endocrinology), Clare Pekin (Psych), Madison Goddard (QUT)	Evaluation of the Tertiary Obesity Multidisciplinary Service	NA
<b>Helen MacLaughlin</b>	<b>Jane Musial, Rebecca Healy, Angela Byrnes, Carrie-Anne Lewis</b> , Tegan Frail (QUT)	Pre-operative nutrition care among those assessed for weight loss surgery in the Queensland Statewide Bariatric Service	NA
<b>Helen MacLaughlin</b>	Margie Conley (PAH/QUT), Andrea Vieceilli (PAH), David Johnson (PAH), Carel Pretorius (Qld Path), David Mudge (Redland Hosp), Tammy Tonges (consumer), Richard Modderman (PAH), Justin Holland (QUT), Kirsten Hepburn (RBWH)	Slowing kidney disease with weight loss: a randomised controlled feasibility study	23
<b>Jane Musial</b>	<b>Rebecca Healy</b>	Implementation and evaluation of an annual extension to the model of care and benchmarking of routinely collected clinical outcomes for Bariatric Surgery	NA

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Jessica Fry	<b>Michaela Henny, Susan de Jersey, Lisa McGuire, Taylor Guthrie</b> , Nina Meloncelli (Metro North Allied Health), Jane Willcox (Deakin), Shelley Wilkinson (UQ)	Understanding the experiences of women referred who did not engage in the Living Well during Pregnancy program	10
Kate Glen	Mary Hannan-Jones (QUT), <b>Merrilyn Banks</b> , Elizabeth Weekes (UK – NHS)	Audit of ongoing nasogastric tube position confirmation practices at the Royal Brisbane and Women's Hospital	120
Kylie Matthews-Rensch	<b>Claire Blake, Merrilyn Banks</b> , Enoka Gonsalkorala (Hepatology), Barbara Leggett (Hepatology), Richard Skoien (Hepatology), Rohit Gupta (Hepatology), <b>Elise Treleaven</b>	Liver Nutrition Clinics (LiNC): A service evaluation audit to assess clinical and quality of life outcomes	40
Kylie Matthews-Rensch	<b>Adrienne Young</b> , Amy Hannigan (QuEDS), Amanda Davis (QuEDS), Rea Nolan (QuEDS), Lisa Jones (consumer representative)	Supporting patients with medically compromised eating disorders: a co-designed investigation into a support system for those returning home	0
Rebecca Fichera	<b>Teresa Brown, Sarah Andersen</b> , Glen Kennedy (Cancer Care), David Williams (Cancer Care)	New Model of Care for autologous stem cell transplant patients (AutoCare): adherence and clinical outcomes	0
Sarah Andersen	<b>Rebecca Fichera, Teresa Brown</b> , Glen Kennedy (Haematology), David Williams (Haematology)	Audit of new nutrition support protocol for allogeneic transplantation	NA
Sarah Andersen	<b>Teresa Brown</b> , Glen Kennedy (CCS), Frederik Steyn (Neurology & UQ), <b>Rebecca Fichera</b>	Energy expenditure in patients undergoing allogeneic stem cell transplantation	0
Sarah Andersen	<b>Teresa Brown, Bronwyn Segon</b> , Judy Bauer (Monash)	Systematic review of vitamin requirements during stem cell transplantation	NA
Sarah Andersen	Jiani Xu (UQ ST), Glen Kennedy (CCS), Judy Bauer (Monash)	Nutrition support and clinical outcomes after allogeneic stem cell transplantation	NA
Sarah Andersen	Andrea Henden (QIMR), Heidi Staudacher (Deakin), Glen Kennedy (CCS), Nicole Gavin (CCS)	Fibre intake during treatment for haematological malignancies: a scoping review	NA
Sarah Andersen	Andrea Henden (QIMR), Glen Kennedy (CCS), <b>Merrilyn Banks</b>	Prebiotics, the gastrointestinal microbiome and clinical outcomes post allogeneic stem cell transplantation	17
Sarah Andersen	<b>Teresa Brown, Claire Blake, Rachel Willims, Helen MacLaughlin</b> Dannielle McCormack, (QUT) and Christine Johnson (QUT)	Micronutrient requirements during graft versus host disease post allogeneic stem cell transplantation: a systematic review	NA
Siobhan Wallin	<b>Angela Byrnes, Carrie-Anne Lewis, Jane Musial, Helen MacLaughlin</b> , Ingrid Kotzee (QUT), <b>Michaela Henny</b>	Describing enteral nutrition support practices in patients with post-operative complications following bariatric surgery	NA

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Susie de Jersey</b>	Nina Meloncelli (MN AH, SCUH), Michael d'Emden (Endo), Leonie Callaway (WNBS), Adrian Barnett (QUT), David McIntyre (Mater), Cate Cameron (Jamieson Trauma Institute), Charles Appleton (QML), David Kanowski (SNP)	Are changes to Gestational Diabetes Mellitus screening and diagnosis during COVID-19 worth continuing?	NA
<b>Susie de Jersey</b>	Lynda Ross (QUT), <b>Helen MacLaughlin, Rachel Willims, Hayley Sullivan (QUT), Taylor Guthrie</b>	Care provided to pregnant women with a history of bariatric surgery: retrospective audit of clinical care and outcomes	NA
<b>Susie de Jersey</b>	Nina Meloncelli (MN AH); Sarah James (Redcliffe), Kristen Riggs (Caboolture)	Implementation of evidence-based routine antenatal care to support healthy weight gain during pregnancy: Exploring barriers and enablers to implementation	450
<b>Susie de Jersey</b>	<b>Taylor Guthrie</b> , Helen Truby (UQ), Sailesh Kumar (UQ), Helen Barrett (Mater), Jade Eccles-Smith (IMS), Alka Kothari (UQ), Sandra Lee (Caboolture hospital)	The Bariatric sUrgery and Maternal nutrition in Pregnancy (BUMP) Study: A prospective cohort study investigating the impact of bariatric surgery prior to pregnancy on maternal and offspring outcomes	5
<b>Taylor Guthrie</b>	<b>Madelyn Meury, Sharon Chambers (Diabetes), Alison Barry (WNBS), Kristiina Agryos (WNBS)</b>	Virtual GDM Group: Patient + Staff satisfaction	18 (+11 staff)
<b>Teresa Brown</b>	<b>Merrilyn Banks</b> , Brett Hughes (Cancer Care), Charles Lin (Cancer care), Liz Kenny (Cancer Care), Louise Campbell (Qld PET Service), Judy Bauer (Monash)	Assessment of sarcopenia and malnutrition in patients with head and neck cancer undergoing treatment of curative intent – implications for practice	0
<b>Teresa Brown</b>	Daniel Hwang (UQ), <b>Elise Treleaven</b> , Brett Hughes (Cancer Care), Liz Kenny (Cancer Care), Charles Lin (Cancer Care), Penny Webb (QIMR), Anita Pelecanos (QIMR), Judy Bauer (Monash)	A feasibility study to investigate taste changes post treatment in patients with head and neck cancer and their association with genes and dietary behaviour	0

## Collaborative Research Activity Involving RBWH Department / Research Group

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Alison Mudge (IMRU)	<b>Adrienne Young</b> , Theresa Green (STARS), Aparna Arjunan (STARS), Niru Mahendran (UQ), Julie Adsett (physiotherapy), Penni Burfein (STARS), Giovanna Tornatore (STARS), Ian Parker (STARS), Dr Julia McLeod (STARS), Janette Moore (consumer rep), Dan Trestrail (consumer rep)	Stratifying Trajectories After Rehabilitation (STAR): prospective pilot feasibility study of the impact of frailty on recovery trajectories following inpatient rehabilitation	0
Angela Byrnes (IMRU)	<b>Adrienne Young</b> , Alison Mudge (IMRU), Mary Hannan-Jones (QUT), Rhiannon Young (QUT), Jessica King (QUT)	"We all must eat": analysis of patient reported experience of eating in hospital from the Eat Walk Engage statewide program	0
Cassie Beaven (Gastroenterology)	Vishal Kaushik (Gastroenterology), <b>Claire Blake</b>	An evaluation of nonendoscopic first change of percutaneous endoscopic gastrostomy (PEG) in the Royal Brisbane and Women's Hospital (RBWH) Gastroenterology Department	NA

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Christoph Lehner (WNBS)	Leonie Callaway (WNBS), Alka Kothari (Redcliffe), Anousha Woods (WNBS), Katie Foxcroft (WNBS), <b>Susie de Jersey</b> , Sailesh Kumar (Mater), Akwasi Amoako (WNBS), Stephaie Lawton (Psychology), Elizabeth Bennett (PMH), Tracey Mackle (PMH)	The impact of the COVID-19 pandemic on maternal depression and related disorders during the perinatal period	NA
Danielle Mahoney (UQ)	Catherine Haslam (UQ), <b>Helen MacLaughlin, Cindy Jennings</b>	A Social Identity Approach to Physical Health: The Impact of Social Connectedness on Diet Adherence	100%
Dylan Flaws (Mental Health)	Alison Mudge (IMS), Gerard Byrne (Mental Health), Prue McRae (IMS), Megan Nitz (Mental Health), Conor O'Launaigh (TPCH), Trevor Hollingsworth (Caboolture), <b>Adrienne Young, Elise Treleaven</b>	Delirium in older psychiatry inpatients: protocol for an observational study	NA
Emma Ridley (Monash)	Kate Ainscough (University College Dublin CRC), Rebecca Baskett (Auckland City hospital) Allison Bone (University Hospital Geelong), Eleanor Capel (Northeast Health Wangaratta), Adam Deane (Royal Melbourne Hospital), Kate Fetterplace (Royal Melbourne Hospital) Eileen Gilder (Auckland City Hospital), Victoria King (ANZIC-RC), Sandra Peake(The Queen Elizabeth Hospital), Andrew Udy (ANZIC-RC, Monash University), Patricia Williams (The Queen Elizabeth Hospital), Jacinta Winderlich (ANZIC-RC), Paul Young (Wellington Hospital), <b>Claire Dux</b>	Nutrition practice in critically ill adults – an observational study (NUTRIENT)	NA
Emma Shipton (WNBS)	<b>Susie de Jersey</b> , Katie Foxcroft (WNBS), Leonie Callaway (WNBS), Nigel Lee (UQ)	Antenatal Models of Care and the effect on breastfeeding rates after discharge	NA
Gloria Wong (IMS)	Alison Mudge (IMS), <b>Kylie Matthews-Rensch</b> , Warren Ward (QuEDS), Caroline Summers (IMS), Peter Donovan (IMS), Lisa Ryan (IMS)	A Retrospective Evaluation of Clinical Characteristics and Outcomes Of Patients with Eating Disorders Admitted for Inpatient Medical Management	0
Hannah Olufson (STARS)	Theresa Green (STARS), <b>Adrienne Young</b> , Ella Ottrey (Monash)	Ethnographic exploration of person-centred nutrition care	NA
Ho Ching Cheung (QUT)	Lynda Ross (QUT), Esben Strodl (QUT), <b>Jane Musial, Angela Byrnes, Carrie-Anne Lewis</b>	Nutritional interventions and barriers to long-term weight loss maintenance after bariatric surgery: Qualitative study of patients and clinicians' perspectives.	0
Ian Graham (Ottawa Hospital Research Institute)	Mike Brown, Rachel Davis (King's College), Gillian Harvey (Flinders), T George Hornby (Indiana University), Elizabeth Lynch (Flinders), Jennifer Moore, (Institute of Knowledge Translation) Julia Moore (The Centre for Implementation), Alison Mudge (IM), <b>Adrienne Young</b> , Dawn Stacey (University of Ottawa), Sharon Straus (University of Toronto), Jessica Reszel (Ottawa Hospital Research Institute)	Exploring the experiential knowledge of those offering knowledge translation and implementation capacity building initiatives to practitioners: A mixed-methods study	NA
Justin A Ezekowitz (University of Alberta)	John Atherton (Cardiology), <b>Kate Morgan</b> , Lynda Ross (Griffith), <b>Belinda Mason</b>	SODIUM-HF (Study of Dietary Intervention Under 100 MMOL in Heart Failure)	NA

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Kelsey Pateman (CAHR)	<b>Adrienne Young</b> , Anja Christoffersen (consumer rep), Cory Williams (surgery), Colette Bambrook (surgery), Elizabeth Ryn (WNBS), Christine Petrie (MN Engage), <b>Merrilyn Banks</b> , Meredith Kropp (QIPPS), Dale Trevor (consumer rep)	How should we code qualitative Patient Reported Experience Data? Development and testing of a person-centred content analysis framework	NA
Kerinya Pillai (Medical Services)	<b>Adrienne Young</b> , Natalie Hwang (UQ), Champika Puttullo (Pharmacy), Alison Mudge (Internal Medicine), Margaret Cahill (Internal Medicine), Carly Scott (Health Information Services)	Understanding hospital acquired constipation at RBWH – retrospective chart audit	0
Kevin Laupland (ICU)	Felicity Edwards (ICU), <b>Claire Dux</b>	Caffeine consumption and withdrawal among patients in the Intensive Care Unit	NA
Liliana Botero (UQ)	<b>Adrienne Young</b> , <b>Merrilyn Banks</b> , Judy Bauer (Monash), Sarah Mackey (TPCH)	Changes in Nutritional status in long stay acute patients, associated nutrition care and health outcomes: an Observational Cohort Study.	126
Loris Pironi (Home Artificial Nutrition Group, ESPEN)	<b>Emma Osland</b>	International benchmarking of Home Parenteral Nutrition service provision and validation of ESPEN chronic intestinal failure classifications.	NA
Margie Conley (MSHHS, QUT)	Andrea Vieceilli (MSHHS, UQ), David Johnson (MSHHS, UQ), Hannah Mayr (MSHHS), Mikeeley Hoch (MSHHS), <b>Helen MacLaughlin</b>	Acceptability and adherence of low energy diets for obesity management in chronic kidney disease	0
Michelle Cottrell (physiotherapy)	Clare Burns (SP), Amber Jones (OT), <b>Adrienne Young</b> , Kelsey Pateman (CAHR), Gary Power (consumer), Anja Christoffersen (consumer), Linda Cuskelly (MN Telehealth), Peter Buttrum (AHP), Kate Dickson (CC&CCS)	Partnering with consumers to optimise engagement with telehealth services within Metro North Health: an experience-based co-design approach.	NA
Nicolas Anning (Pharmacy),	Abby Yu (Pharmacy), Gemma Woodruff (Pharmacy), Tom Skopp (Pharmacy), Ismail Arbi (Pharmacy), Deepali Gupta (Pharmacy), Karen Whitfield (Pharmacy), <b>Jane Musial</b> , George Hopkins (Surgery)	Managing Medicines After Bariatric Surgery	NA
Nicole Gavin (Cancer Care)	Glen Kennedy (Cancer Care), David Patterson (Infectious Diseases), Claire Rickard (Griffith Uni), <b>Sarah Andersen</b> , Elise Button (Cancer Care), Rebecca Lippiatt (Cancer Care)	Exploring changes in gastrointestinal tract microbiome and their influence on mucosal barrier injury laboratory confirmed bloodstream infection in patients diagnosed with high risk features of acute myeloid leukaemia	0
Peter Buttrum (RBWH Allied Health)	Shaun OLeary (Physiotherapy), <b>Adrienne Young</b> , Diann Eley (UQ), <b>Merrilyn Banks</b> , Mark Cruickshank (Physiotherapy). James Elliot (Uni of Sydney), Nicholas Talley (Uni of Newcastle), Tracy Comans (UQ), Scott Bell (TRI)	Sustainable career pathways for clinician-scientists in Australian public health	NA
Shaun Chandler (Renal)	<b>Helen MacLaughlin</b> , Martin Wolley (Renal, UQ)	Creatinine Index and survival in haemodialysis patients	NA
Angela Wang Ye Moon	<b>Helen MacLaughlin</b> , Alp T Ikizler (Vanderbilt Uni)	Vitamin supplementation in haemodialysis: benefit or pill burden	NA



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Ra'eesa Doola (PAH)	Lee-anne Chapple (Rpyal Adelaide Hospital), Adam Deane (Royal Melbourne Hospital), Alison Griffin (QIMR), Meg Harward (PAH), Anne Leditschke (Marter Health), Emma Ridley (Alfred Health), David Sturgess (UQ), James Walsham (UQ/PAH), Peter Kruger (UQ/PAH), <b>Claire Dux, Kate Glen</b>	REDuced CARBohydrate enteral formula compared to standard care in hyperglycaemic critically ill tube fed patients – a randomised controlled phase II trial (REDCARB)	12
Sarah Davidson (Duke University)	<b>Susie de Jersey</b> , Leonie Callaway (WNBS), Hillarie Drever (UQ); Renuka Sekar (WNBS)	The effect of using ultrasound-guided management of gestational diabetes on maternal and neonatal outcomes in pregnant women.	NA
Sarah Mackay (TPCH)	<b>Adrienne Young</b> , Jack Bell (TPCH)	The perception and understanding of the terminology used to describe 'malnutrition' from the perspective of patients, carers and health care professionals: a qualitative systematic review	0
Veronica Costea (Karolinska Institut)	<b>Angela Byrnes, Adrienne Young</b> , Nina Meloncelli (MNHHS AH), Sally Bennett (UQ), Alison Mudge (IMS), Sally Barrimore (TPCH), Anna Bergstrom (Karolinska Institut), Sally Eames (COH)	Capacity building in knowledge translation for staff working in health services: a systematic review	NA
Jorja Collins (Monash)	Stefanie Carino (Monash), Kristen MacKenzie-Shalders (Bond University), <b>Denise Cruickshank</b> , Grace Zadow (Bond)	Changes in practices and perspectives of environmental sustainability in foodservices.	0

## Research Publications

### Authors

Investigator	ORCID ID
Abigail Marsh	<a href="https://orcid.org/0000-0002-4168-7238">https://orcid.org/0000-0002-4168-7238</a>
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## Publications in 2022

### Journal Articles (RBWH staff in bold)

Ahern E, **Brown T**, Cambell L, Hughes B, **Banks M**, Lin C, Kenny L, Bauer J. Impact of sarcopenia and myosteatosis on survival outcomes for patients with head and neck cancer undergoing curative-intent treatment. Br J Nutrition 2022. Accepted 01/02/2022.

Ball L, **de Jersey S**, Parkinson J, Vincze L, Wilkinson S. Postpartum nutrition: Guidance for general practitioners to support high-quality care. Australian Journal of General Practice. 2022 51:3 123-128

**Blake C**, **Brown T**, Pelecanos A, Moroney L, Helios J, Hughes B, Chua B, Kenny L. (2022). Enteral nutrition support and treatment toxicities in patients with Head and Neck Cancer receiving definitive or adjuvant Helical Intensity-Modulated Radiotherapy with concurrent chemotherapy. Head and Neck

**Blake C**, **Edwards A**, **Treleaven E**, **Brown T**, Hughes B, Lin C, Kenny L, **Banks M**, Bauer J. Evaluation of a novel pre-treatment model of nutrition care for patients with head and neck cancer receiving chemotherapy. Nutrition and Dietetics 2022, 79(2), 206-216

Black, M., Kothari, A., Chawla, G., Pelecanos, A., Zahumensky, A., McDermott, L., **O'Connor, H.**, Kalma, B. and Eley, V. (2022), Attitudes and awareness of Australian women regarding peripartum antibiotic use: A multicentre survey. Aust N Z J Obstet Gynaecol. <https://doi.org/10.1111/ajo.13587>

**Botero L**, **Young A**, **Banks M**, Bauer J. Incidence and criteria used in the diagnosis of hospital-acquired malnutrition in adults: a systematic review and pooled incidence analysis. European Journal of Clinical Nutrition. 2022; 1-13

Burns CL, Cottrell M, Jones A, Foley J, Rahmann A, **Young A**, Cruickshank M, Pateman K. Prioritising enhancements across allied health telehealth services in a metropolitan hospital: Using a concept mapping approach. J Telemed Telecare. 2022 Dec;28(10):740-749.

**Byrnes, A.**, Clark, D., **Glen, K.**, **Young, A.** 2022. Poor agreement among Australian and New Zealand clinicians is a barrier to implementation of early post-operative feeding following colorectal surgery. ANZ J Surgery.

Cahill M, Neill S, **Treleaven E**, Lee-Steere K, Carter A, McCormack L, Mudge A. (2022). Eat Walk Engage:

Enabling acute care teams to deliver consistent fundamentals of care for older people. Journal of Advanced Nursing. Epub ahead of print.

**de Jersey, Susan**, Guthrie, Taylor, Callaway, Leonie, Tyler, Jeanette, New, Karen and Nicholson, Jan (2022). A theory driven, pragmatic trial implementing changes to routine antenatal care that supports recommended pregnancy weight gain. BMC Pregnancy and Childbirth, 22 (1) 416, 416.

**de Jersey, Susan**, Meloncelli, Nina, Guthrie, Taylor, Powlesland, Hilary, Callaway, Leonie, Chang, Angela T., Wilkinson, Shelley, Comans, Tracy and Eakin, Elizabeth (2022). Outcomes from a hybrid implementation-effectiveness study of the living well during pregnancy Tele-coaching program for women at high risk of excessive gestational weight gain. BMC Health Services Research, 22 (1) 589, 589.

Edwards A, **Brown T**, Hughes B, Bauer J. The changing face of head and neck cancer: are patients with human papillomavirus-positive disease at greater nutritional risk? A systematic review. Supportive Care in Cancer. 2022.

Edwards A, Hughes B, **Brown T**, Bauer J. Prevalence and impact of sarcopenia on survival in patients with human papillomavirus-positive oropharyngeal cancer: a systematic review. Advances in Nutrition: an International Review Journal 2022.

Elder-Robinson, Elaina C., **de Jersey, Susan**, Porteous, Helen, Huxtable, Shannon L. and Palmer, Michelle A. (2022). Survey of Australian clinicians' antenatal care and management practices in pregnant women with a history of bariatric surgery. Obstetric Medicine, 1-10.

**Hiatt J**, **Young A**, **Brown T**, **Banks M**, Bauer J. Exploring dyadic management of nutrition care throughout and beyond head and neck cancer treatment. Journal of Clinical Nursing 2022, 31 (19-20) 2774-2783.

## Journal Articles (RBWH staff in bold)

- Hiatt J, Young A, Brown T, Banks M, Bauer J. Improving patient and carer access to information and support through head and neck cancer treatment and survivorship using experience-based co-design. *J Hum Nutr Diet* 2022. Accepted 12/8/2022
- Hiatt J, Young A, Brown T, Banks M, Bauer J. Patient and carer experience of nutrition care throughout and beyond treatment for head and neck cancer: a qualitative longitudinal study. *Supportive Care in Cancer* 2022, 30(1), 813-824.
- Hiatt J, Young A, Brown T, Banks M, Segon B, Bauer J. A qualitative comparison of the nutrition care experiences of carers supporting patients with head and neck cancer throughout surgery and radiation treatment and survivorship. *J Supportive Care Cancer* 2022.
- Lee SF, Brown T, Wyld D, Edwards A, Eastgate M. Investigating the dietary knowledge, attitudes, and beliefs of Australian patients with cancer, *J Hum Nutr Diet* 2022.
- Marsh A, Radford-Smith G, Banks M, Lord A, Chachay V. Dietary intake of patients with inflammatory bowel disease aligns poorly with traditional Mediterranean diet principles. *Nutrition and Dietetics* 2022, 79(2), 229-237.
- Matthews-Rensch K, Young A, Cutmore C, Davis A, Jeffrey S, Patter S. Acceptability of using a nasogastric refeeding protocol with adult patients with medically unstable eating disorders. *Journal of Evaluation in Clinical Practice*. 2002.
- McAuley E, MacLaughlin H, Hannan-Jones M, King N, Ross L. The effectiveness of diet quality indices in measuring a change in diet quality over time: a systematic review and meta-analysis of randomized controlled trials. *Nutrition Reviews*, 2022
- McDermott L, Pelecanos A, Krepska A, de Jersey S, Sekar R, Mao D, Lee G, Blackie A, Eley V. Single-centre survey of women reflecting on recent experiences and preferences of oral intake during labour Australian and New Zealand Journal of Obstetrics and Gynaecology. 2022. Online ahead of print
- McLaren-Hedwards T, D'cunha K, Elder-Robinson E, Smith C, Jennings C, Marsh, A, Young, A. Effect of communal dining and dining room enhancement interventions on nutritional, clinical and functional outcomes of patients in acute and sub-acute hospital, rehabilitation and aged-care settings: A systematic review. *Nutrition and Dietetics*. 2022 Jan;79:140-168
- Meloncelli NJ, Young A, Christoffersen A, Rushton A, Zhelnov P, Wilkinson SA, Scott AM, de Jersey S. Co-designing nutrition interventions with consumers: a scoping review. *Journal of Human Nutrition and Dietetics*. 2022 Sep 2.
- Meloncelli, Nina, Shipton, Emma, Doust, Jenny, D'Emden, Michael, McIntyre, Harold David, Callaway, Leonie and de Jersey, Susan (2022). Clinicians' perspectives on gestational diabetes screening during the global COVID -19 pandemic in Australia. *Australian and New Zealand Journal of Obstetrics and Gynaecology*.
- Mudge AM, McRae P, Banks M, ... Young A, Barnett A, Inouye S. Effect of a Ward-Based Program on Hospital-Associated Complications and Length of Stay for Older Inpatients: The Cluster Randomized CHERISH Trial. *JAMA Intern Med*. 2022;182(3):274–282.
- O'Connor H, Li S, Hodge A, Callaway L, David McIntyre H, Barrett H, et al. Gut microbiome composition is similar between pregnant women with excess body fat with healthy and less healthy dietary intake patterns. *Journal of Human Nutrition and Dietetics*. 2022.
- Osland E, Polichronis K, Madkour R, Watt A, Blake C. Micronutrient Deficiency Risk in Long-Term Enterally Fed Patients: A Systematic Review. *Clinical Nutrition ESPEN*. 2022 Sep 25.
- Pashley A, Young A, Wright O. Foodservice systems and mealtime models in rehabilitation: Scoping review. *J Adv Nurs*. 2022 Nov;78(11):3559-3586.
- Reid, N., Young, A., Hanjani, L.S., Hubbard, R.E. and Gordon, E.H., 2022. Sex-specific interventions to prevent and manage frailty. *Maturitas*. Available online
- Rushton A, Bauer J, Young A, Keller H, Bell J. Barriers and Enablers to Delegating Malnutrition Care Activities to Dietitian Assistants. *Nutrients*. 2022; 14(5):1037.
- Segon B, Lam L, Chan HY, Andersen S, Brown T, Kenway D, Bauer J. Vitamin requirements during stem cell transplant – a systematic review. *J Supportive Care Cancer* 2022.
- Shipton, Emma V., Callaway, Leonie, Foxcroft, Katie, Lee, Nigel and de Jersey, Susan J. (2022). Midwife-led continuity of antenatal care and breastfeeding duration beyond postpartum hospital discharge: A systematic review. *Journal of Human Lactation*.
- Shipton, Emma, Meloncelli, Nina, D'Emden, Michael, McIntyre, H. David, Callaway, Leonie, Barnett, Adrian and de Jersey, Susan (2022). Gestational diabetes screening from the perspective of consumers: Insights from early in the COVID -19 pandemic and opportunities to optimise experiences. *Australian and New Zealand Journal of Obstetrics and Gynaecology*.
- Van Der Walt, A., Watt A., Kaushik, V., Osland, E. 2022. Are we underutilizing peripheral parenteral nutrition? A five-year retrospective review of inpatient parenteral nutrition practices. *Nutrition in Clinical Practice*.
- Warren, N, Gordon, E, Pearson, E, Siskand, D, Hilmer, SN, Etherton-Beer, C, Hanjani, LS, Young, AM, Reid, N, Hubbard RE. A systematic review of frailty education programs for health care professionals. *Australas J Ageing*. 2022; 00: 1- 10.
- Waters, Martine, de Jersey, Susan, Brebner, Neil and Reeves, Marina Michelle (2022). Understanding workforce needs of allied health staff in regional cancer care centres: Informing recruitment and succession planning. *The Australian journal of rural health*.
- Wilkinson S, Schoenaker D, de Jersey S, Collins C, Gallo L, Rollo M, Borg D, Dekker Nitert M, Truby H, Barrett H. Exploring the diets of mothers and their partners during pregnancy: Findings from the Queensland Family Cohort pilot study *Nutrition and Dietetics*. 2022. Online ahead of print.
- Wong A, Huang Y, Sowa P, Banks M, Bauer J. Effectiveness of dietary counselling with or without nutrition supplementation in hospitalized patients who are malnourished or at risk of malnutrition: A systematic review and meta-analysis. *Journal of Parenteral and Enteral Nutrition* 2022, 46, 1502-1521.
- Wright C, Kelly J, Healy R, Musial J, Campbell K & Hamilton K. Lived experiences and unique psychosocial impacts following bariatric surgery in a publicly funded Australian tertiary hospital: a qualitative study, *Australian Journal of Psychology*. 2022 74:1
- Young AM, Chung H, Chaplain A, et al Development of a minimum dataset for subacute rehabilitation: a three-round e-Delphi consensus study *BMJ Open* 2022;12:e058725.
- Osland EJ, Yunus RM, Khan S, Memon MA. Late (≥5 y) Complications of Laparoscopic Vertical Sleeve Gastrectomy (LVSG) and Laparoscopic Roux-en-Y Gastric Bypass (LRYGB): A Systematic Review and Meta-analysis of Randomized Controlled Trials. *Surg Laparosc Endosc Percutan Tech*. 2022 Aug 1;32(4):501-513

#### Journal Articles (RBWH staff in bold)

Deftereos I, Yeung J, Arslan J, Carter V, Isenring E, Kiss N & **NOURISH Point Prevalence Study Group**. Health service nutrition practices and associations with clinical outcomes in patients undergoing resection for upper gastrointestinal cancer: Results from the multi-centre Nourish point prevalence study. J Hum Nutr Diet 2022. Accepted 5/3/2022. DOI: 10.1111/jhn.13006

Deftereos I, Yeung J, Arslan J, Carter V, Isenring E, Kiss N & **NOURISH Point Prevalence Study Group**. Adherence to ESPEN guidelines and associations with post-operative outcomes in upper GI cancer resection: Results from the Multi-Centre Nourish Point Prevalence Study. Clinical Nutrition 2022, Volume 47, Pages 391-398. Accepted 25/10/21.  
doi.org/10.1016/j.clnesp.2021.10.019

#### Book Chapters (RBWH staff in bold)

The role of the dietitian: Treatment of Anorexia Nervosa, Bulimia Nervosa, and Binge Eating Disorder. McMaster, C., Franklin, J., Hart, **Matthews-Rensch, K.**, Pursey, K., Hart, S. In Eating Disorders. 2021. Editors: Patel, V and Preedy, V.

#### Keynote or Plenary Lectures given in 2022

Date	Title
31/3/2021	<b>Young A.</b> Clinical experiences with Malnutrition Screening Tool. Norwegian Division of Public Health and Prevention Malnutrition Guideline Launch.
7/5/2022	<b>Musial J.</b> ADEA-QLD Branch Education Day
27/6/2022	<b>Young A.</b> ThinkTank: How Can We Generate Evidence-Based Impact from Co-Design and Consumer Engagement? – Dos and Don'ts. Patient Experience Expo, Queensland Healthcare Week
14/10/2022	<b>Young A,</b> Christoffersen A. Creating better healthcare together: co-designing a co-design framework for Metro North Health. Health Consumers Queensland Annual Forum
10/8/2022	<b>de Jersey S.</b> Person-centred nutrition care for women with GDM, moving beyond carbohydrates. Australasian Diabetes Congress

# Occupational Therapy

## Research highlights for the year (1 January – 31 December 2022)

Occupational Therapy research continues to focus on translating or generating new evidence to improve our patients' hospital care, health outcomes and re-engagement with peoples' life roles i.e. "occupations".

Highlights for Occupational Therapy in 2022 include :

- 25 conference presentations at National and International meetings
- 5 peer reviewed publications
- 2 research awards recognising the achievements at a local and international level
- Dr Erin Crofton PHD conferred, University of Queensland: Sensory sensitivities and adherence with compression therapy after burn injuries

Areas of research this year;

1. Person centred outcome measurement for hand burn injury
2. Technology solutions as an adjunct to upper limb rehabilitation
3. Participating in life roles for consumers with persistent pain
4. MDT Teleburns Service
5. Impact on Occupational Performance following mild traumatic brain injury
6. Enhancing Occupational Performance in Distal Radius Fractures

Dr Nicole Andrews project was the first research study in Australia that aimed to improve safe driving among individuals with chronic pain. This project resulted in a change to national guidelines and were cited in the Austroads Assessing Fitness to Drive Guidelines. The national driver medical standards, Assessing Fitness to Drive, set out the considerations and medical criteria for safe driving. These standards are used by health professionals across Australia to assess and manage patients with health conditions that may affect their ability to drive safely. These assessments and the standards themselves inform Driver Licensing Authority decisions about driver licensing.

International recognition of Andrea Mc Kittrick's leadership in Burns care was awarded by the International Society for Burns Injury through the Andre Zagame Rehabilitation Specialist Prize.

The RBWH Occupational Therapy Service continues to grow their collaborations with the Herston Biofabrication Institute, UQ School of Engineering and Computing, RECOVER Injury Research Centre and Griffith University.

Occupational Therapy would like to acknowledge Emeritus Professor Jenny Strong who retired after five years of significant contribution in the Inaugural RBWH Occupational Therapy Research Co-ordinator role. The legacy of a vibrant and growing research culture will continue to benefit the profession and the care it brings to consumers of the Royal Brisbane and Women's Hospital.

## Research Awards and Achievements

Recipient (RBWH staff in bold)	Award	Event
<b>Andrea Mc Kittrick</b> (RBWH)	IBSI André Zagame Rehabilitation Specialist Prize	International Society for Burns Injury Conference 28 <sup>th</sup> August to 1 <sup>st</sup> of Sept 2022
<b>Nicole Andrews</b> (RBWH, RECOVER )	Early and Mid career Research Industry Engagement Award	University of Queensland June 2022

## Research Grants

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Amber Jones</b>	Occupational Therapy	Evaluation and enhancement of the RBWH Multidisciplinary Burns Telehealth Service (MDT TeleBurns Service)	RBWH and RBWH Foundation Project Grant - Special Funding Round - Burns Research	\$32,496.46	2022
<b>Andrea Mc Kittrick</b>	Occupational Therapy	Development of a person-centred outcome measure for hand burn injuries	RBWH and RBWH Foundation Project Grant - Special Funding Round - Burns Research	\$32,496.46	2022
<b>Frances Thomsen, Michelle Donovan, Sue Laracy, Omar Breik</b> (Oral & Maxillofacial)	Occupational Therapy	A Retrospective Audit of Occupational Therapy Splinting of Radial Forearm Flap Donor Sites in Patients with Head and Neck Cancer	RBWH Foundation – Extraordinary Opportunities Grant	\$14, 054	2022-2023
Celeste Glasgow (ECKO), Andrew Mayo (Orthopaedics), <b>Sue Laracy, Cherie Aceto</b> , Freyr Patterson (UQ)	Occupational Therapy	Enhancing Occupational Performance in Distal Radius Fractures.	Jamieson Trauma Institute	\$ 106,718	2020-2024
<b>Sue Laracy</b>	Occupational Therapy	Occupational Performance following mild traumatic brain injury	RBWH Research Scholarships	\$ 36, 211	2022-2023

## Current RBWH Department / Research Group Led Research Activity

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Amber Jones</b>	Dr Clare Burns (SP), Prof Elizabeth Ward (UQ)	Developing a telehealth model for the delivery of Occupational Therapy burn care	0
<b>Amber Jones</b>	Clare Burns (SP), Elizabeth Ward (UQ), Jason Brown (Burns), <b>Andrea Mc Kittrick</b> , Kerrie Christopher (Consumer)	Evaluation of a multidisciplinary telehealth service for the delivery of burn care	0
<b>Amber Jones, Perry Judd</b> (PT)	Michelle Cottrell (PT), Anita Plaza (PT), <b>Andrea McKittrick</b> , Angela Chang (MNAH), Clare Burns (SP), Hannah Carter (QUT)	The Royal Brisbane and Women's Hospital Allied Health TeleBurns Clinic: An implementation evaluation using the RE-AIM approach.	0
<b>Andrea McKittrick</b>	Louise Gustafsson (Griffith Uni), Ameila Di Tommaso (Griffith Uni) & Tenelle Hodson (Griffith Uni)	Preliminary testing of a person-centred outcome measure for hand burn injuries	29
<b>Andrea Mc Kittrick</b>	<b>Amber Jones</b> <b>Laura Kane</b> Jason Brown (Burns)	Outcomes post axilla burns from the consumer and clinician perspectives	0



Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Andrea McKittrick	Amber Jones	A longitudinal study of the Canadian Occupational Performance Measure in the burns cohort in an acute tertiary facility	0
Andrea McKittrick	Amber Jones Jason Brown (Burns)	A retrospective review of the management and functional outcomes of patients who developed heterotopic ossification in upper limbs post burn injury between 2017 and 2020	0
Andrea McKittrick	Amber Jones	Feasibility study with the aim of introducing the Burns Specific Health Scale Brief in to the RBWH Occupational Therapy burn injury outcomes as the primary Quality of Life outcome measure	0
Andrea McKittrick	Amber Jones	To determine PREMs and PROMS post burn injuries to the neck from the consumer and clinician perspectives across Australia and New Zealand	0
Andrea McKittrick	Amber Jones & The University of Queensland – School of Health and Rehabilitation Sciences – Occupational Therapy	To determine PREMs and PROMS post burn injuries to the ear from the consumer and clinician perspectives across Australia and New Zealand	0
Andrea McKittrick	Amber Jones, <b>Georga Giese</b> and The University of Queensland – School of Health and Rehabilitation Sciences – Occupational Therapy	To complete an audit of the cognitive assessments undertaken for patients who have sustained an electrical burn injury who were managed at Royal Brisbane and Women's Hospital (RBWH) between 2014 and 2019	0
Andrea McKittrick	Amber Jones, <b>Sue Laracy</b>	RBWH Occupational Therapy (2021) annual auditing framework for identifying improvements to acute adult burn care	0
Andrea McKittrick	<b>Amber Jones, Sue Laracy, Claudia Cutler, Laura Kane, Nathalie Collins</b>	To complete an audit of return work rates, post burn injury for patients who were managed at Royal Brisbane and Women's Hospital (RBWH) between November 2019 and May 2020	1
Andrea McKittrick	<b>Michelle Donovan, Amber Jones, Jason Brown (RBWH), Elizabeth Vujcich (RBWH), Sue Laracy and Jenny Strong</b>	Feasibility, Acceptability and Safety of Vacuum Therapy on Burn Scar outcomes	0
Andrea McKittrick	Louise Gustafsson (Griffith Uni), Ameila Di Tommaso (Griffith Uni) & Tenelle Hodson (Griffith Uni)	Development of a specific outcome measure for hand burn injuries informed by all levels of evidence: research evidence, specialist clinicians and consumers	
Cherie Aceto	<b>Jenny Strong, Claire Palmer, Sue Laracy, Fran Thomsen</b>	Distal Radius ORIF clinic Audit in Hand Therapy RBWH	
Cherie Aceto	<b>Sue Laracy, Claire Palmer</b>	Occupational Therapy Hand Unit Consumer engagement project	0
Emily Boulton	Elise Treleaven, Corinne Lewis, <b>Lauren Rae, Melanie Ullner, Sue Laracy</b>	Vascular cognitive impairment audit	
Lauren Rae	<b>Emma Foley, Elizabeth Allen, Kirsten Turner</b>	RBWH Occupational Therapy Cancer Care Outpatient Service Evaluation	
Nicole Andrews	David Ireland (CSIRO), Marlien Varnfield (CSIRO), Cate Sinclair (Pain Specialists Australia), Michael Deen (MSHHS), Kathleen Cooke (St Vincents), Helen Rowe (The Therapy Space), Atiyeh Vaezipour (UQ), Esther Smits (UQ)	Is app gamification effective in increasing consumer engagement and satisfaction? An evaluation of gamification for a chronic pain monitoring app.	

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Nicole Andrews</b>	Marlien Varnfield (CSIRO) David Ireland (CSIRO)	Towards understanding how much is too much for individuals with chronic pain	
<b>Nicole Andrews</b>	Olivia Zheng (Trauma Service), Jodie Ross (Trauma Service), Venerina Johnston (UQ), Elise Gane (UQ), Esther Smits (UQ), Charlotte Brakenridge (UQ), Paul Gray, (Professor Tess Cramond Multidisciplinary Pain Centre), Michael Rudd (Trauma Service)	An investigation of the prevalence, impact, and management of chronic pain post trauma at a tertiary public hospital	
<b>Nicole Andrews</b>	Andrew Claus (TCPRC), David Ireland (CSIRO), Daria Westerman (Queensland Children's Hospital), Mikaela Schlumpf (Queensland Children's Hospital), Jenny Strong (UQ), Tanya Rose (UQ), Pranavie Vijayakumar (CSIRO), Elizabeth Hay (UQ), Lyza Burvill (UQ)	Differences in language used and pain education needs across different age groups in a persistent pain cohort	
<b>Nicole Andrews</b>	Andrew Claus (TCPRC), Riley O'Donohue (Psychology), Megan Murdoch (Physiotherapist), Hang Ding (UQ), Atiyeh Vaezipour (UQ), Paul Gray (TCPRC), Trevor Russell (UQ)	Pain management programs: uptake and adherence	
<b>Nicole Andrews</b>	<b>Fatima Amershi (OT)</b> , Riley O'Donohue (Psychology), Andrew Claus (TCPRC), Paul Gray (TCPRC), Trevor Russell (UQ), Joshua Simmich (UQ), Anton Pak (UQ)	Enhancing the management of chronic pain: A new eHealth model to extend on-site care and benefits back into the community	
<b>Robyn Scheer</b>		The Lymphoedema Arm Measurement Study – Winter vs Summer	

## Collaborative Research Activity Involving RBWH Department / Research Group

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Anita Plaza (PT)	Julie Adsett (PT), Allison Hill (RN), <b>Andrea Mc Kittrick</b> (OT), Prue McRae (EWE)	Motivators and barriers to participation in physical activity programs while hospitalised after burn injury	23
Antonio Bo (UQ)	<b>Andrea Mc Kittrick</b> , Giovanna Tornatore (STARS), Mathilde Desselle (HBI), <b>Sue Laracy</b> <b>Brooke Colby</b> , Tara Courtney (STARS), Lexi Townsend (QUT), & Bianca Zhang (UQ)	Patient Engagement and Satisfaction in Adjunct Controller-free Hand Tracking Virtual Reality Tasks for Upper-Limb Occupational Therapy Rehabilitation	0
Atiyeh Vaezipour (UQ)	Mark Horswill (UQ), Oscar-Oviedo Trespalacios (CARRS-Q), Venerina Johnston (UQ), Patricia Delhomme (IFSTTAR), <b>Nicole Andrews</b>	Improving the management of driving behaviour in individuals with chronic pain	

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Carl Lisec (RBWH),	Jason Brown (RBWH), Amelia Perri, Allison Hill (RN), <b>Amber Jones</b> (OT), <b>Andrea Mc Kittrick</b> (OT), Anita Plaza (PT), Kate McCrossin (RBWH)	NexoBrid treatment of isolated upper limb burns versus current standard of care	0
Charlotte Brakenridge (UQ)	Venerina Johnston (UQ), Esther Smits (UQ), Elise Gane (UQ), <b>Nicole Andrews</b>	Impact of interventions on work-related outcomes for individuals with musculoskeletal injuries after road traffic crash: a systematic review protocol	
Elizabeth Vujcich	Jason Brown (Burns), <b>Michelle Donovan</b> , Noah Betar	Feasibility, Acceptability and Safety of Early Burn Scar Ablative CO2 Fractional Laser on Burn Scar outcomes: prospective randomised cohort study	
Jason Brown (RBWH)	<b>Andrea Mc Kittrick</b> (OT), Mathilde Desselle (HBI), David Forrestal (HBI), Roozbeh Fakhri (HBI), Danielle Herbert (HBI), Aleksandra Edmundson (RBWH)	A pilot study to implement technology (3D Scanning and Printing) to improve long term burn facial scarring outcomes across the spectrum of care	2
Jason Brown (Burns)	<b>Michelle Donovan</b> , Noah Betar, Steven McPhail (QUT) Zephania Tyack (QUT)	Feasibility, acceptability, cost and sustainability of ablative fractional CO2 laser for the treatment of scars in adolescents and adults post-burn: a longitudinal cohort study	
Joshua Simmich (UQ)_	Megan Ross (UQ), <b>Nicole Andrews</b> (OT), Atiyeh Vaezipour (OT), Trevor Russell (UQ)	A systematic evaluation of mobile apps for the monitoring of pain: review of content and quality	NA
Joshua Simmich (UQ)	<b>Nicole Andrews</b> (OT), Andrew Claus (TCPRC), Megan Murdoch (Physiotherapy), Trevor Russell (UQ)	Smartphone-based 6-Minute Walk Test in chronic pain: a validation study	18
Mathilde Desselle (HBI)	Lucy Holland (QUT), Roger Altizer (QUT), Natalie Bradford (QUT), Jason Brown (RBWH), Ross Brown QUT) <b>Andrea Mc Kittrick</b>	Co-design of an Innovative Virtual Reality (VR) Environment as a Pain and Anxiety Augmented Relief Method in Burns Survivors and Adolescents and Young Adults (AYAs) with Cancer	5
Melanie Plingsinga (UQ)	Silvia Manzanero (JTI), Venerina Johnston (UQ), <b>Nicole Andrews</b> (OT), Panos Barlas (JTI), Victoria McCreanor (JTI)	Characteristics and effectiveness of postoperative rehabilitation strategies in ankle fractures: a systematic review	NA
Merrilyn Banks (N&D)	Christian Redd (CSIRO), David Silvera-Tawil (CISRO), Judy Bauer (N&D), Anita Plaza (PT), <b>Andrea Mc Kittrick</b> (OT), Dr Elizabeth Vujcich (RBWH), Claire Dux (N&D), Dr Qing Zhang (CISRO), Marlien Varnfield (CISRO), Dale Trevor (Consumer)	Feasibility of using wearable technology in patients with burn injury, to measure energy expenditure, and other observations, that can directly influence clinical care.	
Michelle Cottrell (PT)	Clare Burns (SP), <b>Amber Jones</b> , Adrienne Young (DN), Kelsey Pateman (AHP), Gary Power (Consumer), Anja Christoffersen (Consumer), Linda Cuskelly (TH), Peter Buttrum (AHP), Kate Dixon (CC & CSS)	Partnering with consumers to optimise engagement with Allied Health telehealth services: an experience-based co-design approach	33

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Michelle Cottrell (PT)	Clare Burns (SP), <b>Amber Jones</b> , Adrienne Young (DN), Sonia Sam (AHP), Mark Cruickshank (AHP), Kelsey Pateman (AHP)	Rapid implementation of telehealth in response to COVID-19: an evaluation of the Allied Health experience.  A sub project of Evaluating models of care following COVID-19 pandemic: a framework for Metro North HHS	0
Michelle Cottrell (PT)	Perry Judd (PT), <b>Sue Laracy</b> , Cate Carter (PT Redcliffe), Jacqueline Nix (OT Redcliffe), Leonie Nauman (PT), <b>Robyn Scheer</b> , <b>Jennifer Strong</b> , Sonia Sam (PT)	Prospective Surveillance And early Intervention for Lymphoedema (SAIL) in Breast Cancer patients: an evaluation of a standardised model of care in Metro North Hospital & Health Service.	
Venerina Johnston (UQ)	Melissa Kendall (MSHHS), Donna Valiant (UQ), Ray Quinn (MSHHS), Ben Turner (MSHHS), Hannah Gullo (UQ), Charlotte Brakenridge (UQ), <b>Nicole Andrews</b>	Review of Vocational Rehabilitation Services for persons with brain injury within Queensland	

## Research Publications

### Authors

Investigator	ORCID ID
<b>Nicole Andrews</b>	<a href="https://orcid.org/0000-0002-7739-1738">https://orcid.org/0000-0002-7739-1738</a>
<b>Erin Crofton</b>	0000-0001-9978-544X
<b>Sue Laracy</b>	<a href="https://orcid.org/0000-0002-8083-3146">https://orcid.org/0000-0002-8083-3146</a>
<b>Andrea Mc Kittrick</b>	<a href="https://orcid.org/0000-0001-6647-272X">https://orcid.org/0000-0001-6647-272X</a>

### Publications in 2022

#### Journal Articles (RBWH staff in bold)

Branjerdorn, G., Meredith, P., Wilson, T., & **Strong, J.** (2022). Infant developmental outcomes: influence of prenatal maternal-fetal attachment, adult attachment, maternal well-being, and perinatal loss, *International Journal of Environmental Research and Public Health*, 19, 2433.

**Crofton E**, Meredith P, Gray P, O'Reilly S, **Strong J**. Response to letter to the editor: Efficacy of pressure garment on prevention and regression of scars. *Burns*. 2022 Feb;48(1):247-248. doi: 10.1016/j.burns.2021.05.024. Epub 2021 Jul 8. PMID: 34857417.

Johnston, Venerina, Brakenridge, Charlotte, Valiant, Donna, Ling, Charmaine Leow Kai, **Andrews, Nicole**, Gane, Elise M., Turner, Ben, Kendall, Melissa and Quinn, Ray (2022). Using framework analysis to understand multiple stakeholders' views of vocational rehabilitation following acquired brain injury. *Brain Impairment*, 1-24.

Nakagaki M, Gavin NC, Hayes T, Fichera R, Stewart C, Naumann L, Brennan J, Perry N, **Foley E**, **Crofton E**, Brown C, Leutenegger J, Kennedy GA. Implementation and evaluation of a nurse-allied health clinic for patients after haematopoietic stem cell transplantation. *Support Care Cancer*. 2022 Jan;30(1):647-657. doi: 10.1007/s00520-021-06461-w. Epub 2021 Aug 7. PMID: 34363493.

**Mc Kittrick A**, Gustafsson L, Hodson T, Di Tommaso A. Exploration of individuals perspectives of recovery following severe hand burn injuries. *Burns*. 2022 Apr 29.

Plinsinga, Melanie, Manzanero, Silvia, Johnston, Venerina, **Andrews, Nicole**, Barlas, Panos and McCreanor, Victoria (2022). Characteristics and effectiveness of postoperative rehabilitation strategies in ankle fractures: a systematic review. *Journal of Orthopaedic Trauma*, 36 (12), e449-e457.

### Journal Articles (RBWH staff in bold)

Desselle, M., Holland, L., **McKittrick, A.**, Kennedy, G., Yates, P., & Brown, J. (2022). "A Wanderer's Tale": The development of a virtual reality application for pain and quality of life in Australian burns and oncology patients. *Palliative and Supportive Care*, 1-7.

Vaezipour, Atiyeh, Horswill, Mark S., **Andrews, Nicole E.**, Johnston, Venerina, Delhomme, Patricia and Oviedo-Trespalcacios, Oscar (2022). How distracting is chronic pain? The impact of chronic pain on driving behaviour and hazard perception. *Accident Analysis and Prevention*, 178 106856, 1-10.

Vaezipour, Atiyeh, **Andrews, Nicole**, Oviedo-Trespalcacios, Oscar, Amershi, Fatima, Horswill, Mark, Johnston, Venerina and Delhomme, Patricia (2022). Exploring driving behaviour from the perspectives of individuals with chronic pain and health professionals. *Applied Ergonomics*, 102 103755, 103755.

Vaezipour, Atiyeh, Oviedo-Trespalcacios, Oscar, Horswill, Mark, Rod, J. E., **Andrews, Nicole**, Johnston, Venerina and Delhomme, Patricia (2022). The impact of chronic pain on driving behaviour: a systematic review. *Pain*, 163 (3), e401-e416.

### Book Chapters (RBWH staff in bold)

**Scar Massage Roller** in *"Innovative Solutions In Burn Rehabilitation from Around the World"*: First Edition **Andrea Mc Kittrick**  
Editor Ingrid Parry

**Andrews, N.** (2023). Participating in life roles through self-management. In H. van Griensven & J. Strong (Eds.), *Pain: a textbook for health professionals*. 3<sup>rd</sup> edition. Elsevier, ePUB.

### Keynote or Plenary Lectures given in 2022

Date	Title
28/08/2022	Pre-Congress Workshop - International Society of Burn Injuries Conference 28 <sup>th</sup> of August to 1 <sup>st</sup> of Sept 2022 <b>"Topics for the "Care of the Burn-injured Patient in Resource-Restricted Environments; Beyond 48 Hours" Andrea Mc Kittrick – invited presenter</b>
30/08/2022	Rehabilitation Symposium - International Society of Burn Injuries Conference 28 <sup>th</sup> of August to 1 <sup>st</sup> of Sept 2022 <b>Andrea Mc Kittrick – session chair</b>
13/09/2022	Allied Health Forum – Australia and New Zealand Burns Association ASM 13-16 <sup>th</sup> Sept 2022 <b>Andrea Mc Kittrick – session chair</b>
06/10/2022	RECOVER 2022 Conference, 6 <sup>th</sup> October 2022 <b>Nicole Andrews – invited speaker</b>

## Orthotics and Prosthetics

### Collaborative Research Activity Involving RBWH Department / Research Group

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Gus Bartlett (USC), Ciara Hablado (USC)	<b>Jessica Angus</b>	Development and Implementation of a PREMS Survey in O&P	30
Angela Williamson (STARS)	<b>Kristen Petrovski</b>	Evaluating the impact of a coordinated multidisciplinary Lower Limb Spasticity Clinic on clinical/service outcomes and patient satisfaction in an outpatient neurological population	40



## Physiotherapy

### Research highlights for the year (1 January – 31 December 2022)

In 2022, the Physiotherapy research programme continued to strengthen its research and quality activities across both inpatient and outpatient settings. The department's research focus has been demonstrated through both team-based research and quality improvement initiatives across all 11 clinical streams and individually led research projects. The department's outputs were showcased at our annual RBWH Physiotherapy Department Research Symposium, held virtually over three one-hour sessions. A total of 20 projects were presented at the Symposium with approximately 70 attendees from within the department and also... to staff from across the Herston precinct and Metro North.

A total of 77 research projects were undertaken across the department, including 57 with a Physiotherapy Department staff member as Project Lead, and 20 projects undertaken in collaboration with other departments/facilities. This was reflected in over \$3.7M in grant funding being awarded towards 29 current research grants, including four research grants distributed to clinicians of the Physiotherapy Department through the Physiotherapy Research Fund. We had 22 peer reviewed journal articles published, and five staff members continue to progress their post graduate research studies. The department's research success has also been highlighted through awards to Anita Plaza (Best Care oral presentation award; Annual scientific Meeting of the Australian and New Zealand Burn Association), Emilie Amiss (Dr Stephen Morrison award for Best Clinical Research; Herston Health Precinct Symposium) and Dr Peter Thomas (Local CAHRLI Award; Metro North CAHRLI Awards). As a clinical impact spotlight, Dr Thomas was lead author of the paper '*Physiotherapy Management for COVID-19 in the acute hospital setting: clinical practice recommendations*', an update which was published in January 2022 and has been endorsed by World Physiotherapy as a leading COVID-19 Physiotherapy resource.

The Physiotherapy Department continues to develop strong research collaborations with universities with ongoing support for existing Conjoint Research Fellow positions. A/Prof Shaun O'Leary continues in his appointment with the University of Queensland, while Dr Samantha Bunzli was successfully appointed to the Griffith University conjoint position. Through research higher degrees, collaborations have also been forged locally (for example with Queensland University of Technology, University of Queensland and the Australian Catholic University), and internationally (University of Alberta, Canada).

### Research Awards and Achievements

Recipient (RBWH staff in bold)	Award	Event
<b>Anita Plaza</b> , Jenny Paratz (Griffith Uni), <b>Michelle Cottrell</b>	Best Care Oral Presentation award	Annual Scientific Meeting of the Australian and New Zealand Burn Association. September 2022
<b>Emilie Amiss &amp; Michelle Cottrell</b>	Dr Stephen Morrison Award for Best Clinical Research	Herston Health Precinct Symposium. September 2022
<b>Peter Thomas</b>	Local CAHRLI Award	2022 CAHRLI Awards December 2022

## Research Grants

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Anita Plaza, Julie Adsett,</b> Prue McRae (EWE), Alison Mudge (IRMU), Allison Hill (RBWH Burns), Andrea McKittrick (RBWH OT), <b>Brooke Mulliss</b>	RBWH Physiotherapy Department, Internal Medicine Research Unit	Enablers and barriers to participation in physical activity programs while hospitalised after burn injury	RBWH Burns Special Grant 2022	\$32,741.68	2022
Annie Hill (STARS), Theresa Green (STARS), Katherine Jacques (STARS), <b>Simone Leslie</b>	RBWH Physiotherapy Department, STARS Education and Research Alliance, Healthcare Improvement Unit	Development and implementation of a telerehabilitation decision toolkit to enable interdisciplinary stroke rehabilitation closer to home	Metro North Healthcare Improvement Unit	\$265, 000	FY21/22
Carl Lisec (RBWH Burns), Perri A, McCrossin K, Amber Jones (RBWH OT), Andrea McKittrick (RBWH OT), <b>Anita Plaza</b> , Allison Hill (RBWH Burns).	RBWH Professor Stuart Pegg Burns Unit	A pilot study assessing the feasibility of NexoBrid versus the current standard of care of isolated upper limb burns: A solution to "the perfect crime"?	RBWH Burns Special Grant 2022	\$75,305	2022
Christian Barton (La Trobe), Michelle Dowsey (UOM), Peter Choong (UOM), Zanfina Ademi (Monash Uni), Anne Smith (UOM), Kay Crossley (UOM), Jamie Wallis (UOM), Ilana Ackerman (UOM), <b>Samantha Bunzli</b> , Joanne Kemp (La Trobe)	La Trobe Uni, Uni of Melbourne, Monash Uni.	Reducing inappropriate knee joint replacement surgery and hospital burden	MRFF Targeted call for Research	\$1.33M	2021-2024
Christopher Schilling (UOM), Michelle Dowsey (UOM), <b>Samantha Bunzli</b> , Peter Choong (UOM).	University of Melbourne	Improving patient selection for total knee replacement	HCF Foundation	\$295,000	2020-2023

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Elizabeth Ryan</b> , Andrea Cawte (RBWH ND), Robin Hay (RBWH ND), Helen MacLaughlin (RBWH ND), <b>Peter Window</b> , Gemma Woodruff (RBWH Pharmacy), <b>Leonie Naumann</b>	RBWH Physiotherapy Department; Tertiary Obesity Management Service	Improving multidisciplinary management of patients living with obesity: the evaluation of seated bioimpedance measures and relationship to functional performance following targeted intervention.	RBWH Physiotherapy Internal Grants 2021-22	\$9,319.76	FY21-22
Ivan Lin (Curtin Uni), <b>Samantha Bunzli</b> , Michelle Dowsey (UOM), Peter Choong (UOM)	Curtin University, University of Melbourne	Develop culturally appropriate arthritis information and education resources that address the needs of Aboriginal and Torres Strait Islander peoples.	Arthritis Australian and Commonwealth Government	\$337,051	2020-2023
<b>Janelle Heine</b> , <b>Sarah Hacker</b> , Shea Roffey (RBWH Pharmacy), Gary Mitchell (RBWH ETC), Jordan Young (RBWH ETC), <b>Michelle Cottrell</b> , <b>Peter Window</b>	RBWH ETC	Adherence to recommended guidelines for low back pain presentations to the RBWH Emergency and Trauma Centre: barriers, enablers and strategies	RBWH Physiotherapy Internal Grants 2021-22	\$13,306.10	FY21-22
<b>Joanna Hargreaves</b>	RBWH Physiotherapy Department	Exploring the attributes of the contemporary Clinical Educator - future proofing clinical education in Queensland Health Physiotherapy	CAHRLI RHD grant	\$5,000	Nov 2021-June 2022
<b>Joanna Hargreaves</b> , <b>Peter Window</b> , <b>Shaun O'Leary</b> , <b>Ashlee Patton</b>	RBWH Physiotherapy Department	Future proofing training and support for RBWH Physiotherapy Clinical Educators Phase 2: development and implementation of a sustainable program	RBWH Physiotherapy Internal Grants 2021-22	\$10,645	FY21-22
<b>Joanna Hargreaves</b> , <b>Shaun O'Leary</b>	RBWH Physiotherapy Department	Motivation for clinical education in physiotherapists – development of a workforce assessment instrument	CETI	\$21,000	FY22-23
<b>Julie Adsett</b> , Alison Mudge (IMRU), Prue McRae (EWE), Margaret Cahill (EWE), Sharne Neill (EWE), Elise Treleaven (EWE), Emily Harvey (EWE)	Internal Medicine Research Unit	Better get moving: Using implementation science to improve hospital mobility	RBWH Foundation Project Grant 2022	\$74,918	2022

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Laura Murphy, Peter Window, Michelle Cottrell</b>	RBWH Physiotherapy Department	Implementing a professional support and clinical supervision framework into a large physiotherapy department in an Australian public hospital	RBWH Physiotherapy Internal Grants	\$9,392	2022-2023
<b>Maree Raymer, Shaun O'Leary, Peter Window, Michelle Cottrell</b> , Nadine Foster (UQ/STARS), Tracy Comans (UQ)	RBWH Physiotherapy Department	Matching multi-disciplinary care to patients needs in the state-wide Neurosurgical and Orthopaedic Physiotherapy Screening Clinics and Multidisciplinary Service	RBWH Foundation Project Grant 2022	\$74 406	2022
<b>Mark Cruickshank</b>	RBWH Physiotherapy Department	Physiotherapy Defined Scope of practice (Prescribing)	RBWH Foundation Postgraduate Research Scholarship	\$39,633	2021-22
<b>Megan Murdoch, Peter Window</b> , Andrew Claus (RBWH Pain), <b>Caroline Morton</b>	Physiotherapy	How far must you walk to improve persistent pain?: Identifying cohort-specific repeatability and clinically important differences in the 6-minute walk test	2020 RBWH Physiotherapy Department Internal Grant	\$10,168	2020-2022
Merrilyn Banks (RBWH ND), <b>Anita Plaza</b> , Christian Rodd, David Silvera (CSIRO), Judy Bauer (QUT), Andrea McKittrick (RBWH OT), Elizabeth Bujcich, Claire Dux (RBWH ND), Zhang Qing (CSIRO), Marlien Varnfield (CSIRO), Dale Trevor (consumer)	RBWH Nutrition and Dietetics, RBWH Physiotherapy, CSIRO, RBWH Burn Unit	Feasibility of using wearable sensors in patients with burn injury, to measure energy expenditure and other observations, that can directly influence clinical care	RWBH Burns Special Grant Round 2022	\$153,582	2022
<b>Michelle Cottrell, Maree Raymer, Patrick Swete Kelly, Shaun O'Leary, Peter Window</b> , Thorbjorn Loch-Wilkinson (RBWH Neurosurgery)	RBWH Physiotherapy Department; Neurosurgery Department	Addressing safety and comprehensiveness concerns for neurological examination via telehealth in patients with low back pain.	RBWH Foundation Project Grant	\$49,803	2021-22

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Michelle Cottrell</b> , Clare Burns (RBWH SP), Amber Jones (RBWH OT), Adrienne Young (RBWH ND), Kelsey Pateman (RBWH AHP), Gary Power (RBWH CAG), Anja Christoffersen (RBWH CAG), Linda Cuskelly (MN HEI), Peter Buttrum (RBWH AHP), Kate Dickson (RBWH Crit Care & Clin Support), Peter Button (Consumer), Emily Arthur (RBWH AHP)	RBWH Allied Health Professions; Critical Care and Clinical Support Service, Consumer Advisory Group	Partnering with consumers to optimise engagement with telehealth services within Metro North Health: an experience-based co-design approach (Stage 1)	MN Healthcare Excellence and Innovation	\$48,138	2022
<b>Michelle Cottrell</b> , Clare Burns (RBWH SP), Amber Jones (RBWH OT), Adrienne Young (RBWH ND), Kelsey Pateman (RBWH AHP), Gary Power (RBWH CAG), Anja Christoffersen (RBWH CAG), Linda Cuskelly (MN HEI), Peter Buttrum (RBWH AHP), Kate Dickson (RBWH Crit Care & Clin Support)	RBWH Allied Health Professions; Critical Care and Clinical Support Service, Consumer Advisory Group	Partnering with consumers to optimise engagement with telehealth services within Metro North Health: an experience-based co-design approach (Stage 2)	CEQ Telehealth Support Unit	\$90,000	2022-2023
<b>Michelle McGrath, Peter Window</b> , Daniel Harvie (Griffith Uni), Esther Smits (UQ RECOVER), Venerina Johnston (UQ), <b>Megan Murdoch</b> , Trevor Russell (UQ RECOVER)	RBWH Physiotherapy Department; UQ RECOVER; Griffith University	The effect of stimulating functional tasks during an immersive virtual reality environment on pain and fear of movement in people with chronic non-specific low back pain	RBWH Physiotherapy Internal Grants	\$14,575	2022-2023

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Miriam Dillon</b> , Jenny Setchell (UQ), Rebecca Olson (UQ), Maxi Miciak (Uni Alberta), <b>Peter Window</b>	RBWH Physiotherapy Department; UQ SHRS	Enhancing how physiotherapists respond to distress experiences of patients with low back pain	RBWH Physiotherapy Internal Grants 2021-22	\$950	FY21-22
<b>Miriam Dillon</b>	RBWH Physiotherapy Department	Enhancing how physiotherapists respond to distress experiences of patients with low back pain	RBWH Foundation Postgraduate Research Scholarship	\$39,633	2021 - 2022
<b>Miriam Dillon</b> , <b>Peter Window</b> , Simon Kilner (RBWH Psychology), <b>Michael Hockey</b> , Fatima Amershi (RBWH OT), <b>Matthew Stewart</b> , <b>Michelle Cottrell</b>	RBWH Physiotherapy, Occupational Therapy and Psychology Departments	Time for a new approach? Enhancing patient-centred pain management through collaborative pain neuroscience education.	RBWH Physiotherapy Internal Grants	\$16,558	2022-2023
Nadine Foster (UQ), Jenny Setchell (UQ), Thorbjorn Loch-Wilkinson (RBWH N/Surg), <b>Shaun O'Leary</b> , Gregory Cunningham (UWA), Mark Chatfield (UQ), Tracy Comans (UQ), Paul Hodges (UQ), Paul Gray (RBWH Pain), <b>Maree Raymer</b> , <b>Patrick Swete Kelly</b> , David Beard (Oxford Uni), Sashin Ahuja (Oxford Uni), Andrew Claus (RBWH Pain)	MNHHS (STARS; Physiotherapy RBWH, N/OPSC & MDS; Tess Crammond MPRC, Neurosurgery) UQ SHRS, Faculty of Medicine; Fiona Stanley Hospital; University of Oxford; Cardiff and Vale University Health Board	The clinical and cost-effectiveness of lumbar fusion surgery for patients with persistent, severe low back pain: FusiOn veRsus bEst coNServative Care (the FORENSIC trial)	NHMRC-NIHR Collaborative Research Grant Scheme	\$2,424,160	2022-2027
<b>Nanette Paxman</b> , <b>Peter Thomas</b> , Debra McDonald (RBWH Crit Care & Peri-op Services), Makarla Stead (RBWH Crit Care & Peri-op Services),	RBWH Physiotherapy Department; Perioperative services	'Breathe, Wiggle and Walk' after surgery: does preadmission physiotherapy influence elective surgery outcomes at the RBWH? A retrospective evaluation via health information databases.	RBWH Physiotherapy Internal Grants 2021-22	\$15,000	FY21-22



Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Natalie Kruger</b> , Melanie Plinsinga (Griffith Uni), Sandi Hayes (Griffith Uni)	Physiotherapy, Menzies Health Institute, Griffith University	The lymphatic system, lymphoedema and medical curricula – perceptions of Australian medical graduates.	Australasian Lymphology Association	\$10,000	2022-2023
Peter Choong (UOM), Jonathan Clarke (Sydney Uni), Payal Mukherjee (Sydney Uni), Gordon Wallace (Uni Wollongong), Claudia Di Bella (UOM), Simon Moulton (Swinburne Uni), Serena Duchi (UOM), Cathal O'Connell (RMIT), Stephen Beirne (Uni Wollongong), Sanjeev Gambhir (Uni Wollongong), Johnson Chung (Uni Wollongong), Ruta Gupta (Sydney Uni), Michelle Dowsey (UOM), Tim Spelman (UOM), David Castle (UOM), Nora Shields (La Trobe Uni), Claire Tanner (Monash), John Gardner (Monash), <b>Samantha Bunzli</b> , Philip Clarke (UOM), Chris Schilling (UOM), Sharon Sagnella (RPA), Andrew Ronchi (UOM), Emma Rushbrooke (UOM), Joseph Dusseldorp (Sydney Uni).	University of Melbourne, University of Sydney, University of Wollongong, Swinburne University of Technology, RMIT University, La Trobe University, Monash University	Cartilage-based stem cell therapies for joint deformity and facial disfigurement. A framework for point-of-care manufacturing and delivery (ARISTOCRAT)	MRFF 2021 Stem Cell Therapies Mission	\$6.9M	2022-2027

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Peter Window, Michelle McGrath</b> , Daniel Harvie (Griffith Uni), Esther Smits (UQ RECOVER), Venerina Johnston (UQ), Trevor Russell (UQ RECOVER)	Physiotherapy Department, RECOVER, Griffith University	The effect of simulating functional tasks during an immersive virtual reality environment on pain and fear of movement in people with chronic non-specific low back pain	RBWH Foundation Project Grant	\$49,693	2021-22
<b>Prudence Butler</b>	RBWH Physiotherapy Department	Injury perceptions, pain and mental health symptom trajectories after traumatic orthopaedic extremity injuries	RBWH Foundation Postgraduate Research Scholarship	\$39,633	2022
<b>Sally Yin</b> , Prue McRae (EWE), <b>Julie Adsett</b> , Margaret Cahill (EWE), Alison Mudge (IMRU), Tara McCurdie (EWE), Elise Treleaven (EWE)	RBWH Physiotherapy Department; Eat Walk Engage Team (IMS)	Improving mobility documentation and communication to enhance efficiencies	RBWH Physiotherapy Internal Grants 2021-22	\$12,702.55	FY21-22
Samara Phillips (PAH), Alison Mahoney (TPCH), <b>Julie Adsett</b>	Physiotherapy Dept – PAH, TPCH, RBWH	Evaluation of management and rehabilitation practices following median sternotomy in Queensland	DOPSQ	\$5,796.69	2022
<b>Shaun O'Leary, Janelle Heine, Michelle Cottrell</b> , Gary Mitchell (ETC) Jacelle Warren (JTI), Nadine Foster (UQ/STARS), Panos Barclos (JTI), Tanya Smyth (JTI)	Physiotherapy Department, Emergency Trauma Centre (ETC), Jamieson Trauma Institute	Reducing Inappropriate Medications for low back pain in the Emergency department (RIME): a controlled interrupted time-series implementation study	HCF Translational Research Grants	\$289,316	2023-2025

## Current RBWH Department / Research Group Led Research Activity

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Andrew Statham</b>	<b>Christopher Smith, Peter Window</b>	Evaluation of the implementation of Revised Achilles Rupture non-operative protocol	0
<b>Anita Plaza</b>	<b>Julie Adsett</b> , Prue McRae (IMRU), Alison Mudge (IMRU), Allison Hill (RBWH Burns), Andrea McKittrick (RBWH OT)	Enablers and barriers to participation in physical activity programs while hospitalised after burn injury	20 patients 20 staff
<b>Anita Plaza</b>	Jennifer Paratz (UQ), <b>Michelle Cottrell</b>	Telehealth for the delivery of Physiotherapy exercise programs following burn injury	0
<b>Anita Plaza</b>	<b>Marnie Macfie, Catherine Sharpe, Lauren Davies, Charlotte Kiemann, Michelle Cottrell</b>	Evaluating the 'standard' outpatient journey for patients with burn injuries accessing the RBWH Burns Physiotherapy Outpatient Service: a retrospective audit and survey	230 (chart audit)

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Beth Cunningham	<b>Brita Canning, Peter Window, Michelle Cottrell, Megan Muir, McCarey, Simone Leslie, Christine James, Lindsay Hepnar, Jonah Rhodes, Emma Graving, Alice Benningfield</b>	RBWH Inpatient Spasticity Service – a retrospective audit	15
Cara Masterson	<b>Janene Stephens, Lorelle Hawes, Emily Edwards, Melissa Webber, Jenny Boyce, Jenny Paratz, Michelle Cottrell</b>	Hydrotherapy in the management of persistent pelvic pain: a pilot, randomised controlled trial	0
Elizabeth Ryan	Andrea Cawte, (RBWH ND) <b>Leonie Naumann</b> , Robin Hay (RBWH ND), Helen MacLaughlin (RBWH ND), <b>Peter Window</b> , Gemma Woodruff (RBWH Pharmacy)	Improving multidisciplinary management of patients living with obesity: The evaluation of seated bioimpedance measures and relationship to functional performance following targeted intervention	24
Ellie Hawkins	<b>Julie Adsett</b> , Karen Healy (RBWH Cardiac Rehab), Georgina White (RBWH Cardiac Rehab)	Inpatient education and referral to outpatient Cardiac Rehabilitation: patient recall and perceptions following discharge	30
Janelle Heine	<b>Sarah Hacker</b> , Shea Roffey (RBWH Pharmacy), Gary Mitchell (RBWH ETC), Jordan Young (RBWH ETC), <b>Michelle Cottrell, Peter Window</b>	Adherence to clinical practice guidelines for low back pain presentations to the RBWH Emergency and Trauma Centre: barriers, enablers and strategies	0
Janelle Heine	<b>Shaun O'Leary</b> , Panos Barlas (JTI), Jacelle Warren (JTI), Tanya Smyth (JTI), <b>Michelle Cottrell</b> , Tracy Comans (UQ), Nadine Foster (UQ), Gary Mitchell (RBWH ETC), William See (TPCH), Emma Ballard (QIMR), Gustavo Machado (Sydney Uni).	Reducing Inappropriate Medications for low back pain in the Emergency Department (RIME): a controlled interrupted time-series implementation study	0
Jennifer Paratz	Michael Muller (Surgery), <b>Anita Plaza</b> , Kellie Stockton (LCCH), Jonny Younger (Cardiology), Orlando Flores (UQ, Medicine)	IMPACT- Improving physical and psychological outcomes in burns: an RCT	0
Joanna Hargreaves	<b>Peter Window, Simone Leslie, Ashlee Patton</b>	Training and support processes for Physiotherapy Clinical Educators at the RBWH: an analysis of current practise against defined markers of quality, and development of sustainable implementation program	0
Joanna Hargreaves	<b>Peter Window, Kareen Stringer</b>	Future proofing training and support for RBWH Physiotherapy Clinical Educators Phase 3: Evaluate outcomes of the CE Resource Roster redesign.	4
Julie Adsett	Alison Mudge (IMRU), Prue McRae (EWE), Margaret Cahill (EWE), Sharne Neill (EWE), Elise Treleaven (EWE), Emily Harvey (EWE)	Better get moving: Using implementation science to improve hospital mobility	Study 1 = 75 Study 2 = 37
Kyla Stableford	<b>Leonie Naumann, Kirsty Quince, Julie Adsett</b>	Increasing exercise participation in the cancer care wards at Royal Brisbane and Women's Hospital	Patients = 10 Staff = 15

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Laura Murphy-Shaw</b>	<b>Peter Window, Michelle Cottrell</b>	Implementing a professional support and clinical supervision framework into a large physiotherapy department in an Australian public hospital	44
<b>Lauren Davies</b>	Tess Saad (PAH/UQ) Michelle Smith (UQ)	Implementation of the Netball KNEE Injury prevention program in community netball: a cross sectional survey	N/A
<b>Leonie Naumann</b>	<b>Jennifer Paratz, Michelle Cottrell, Hildegard Reul Hirche, Kirsty Quince,</b> Clare Burns (SP), Tracy Comans (UQ), Anna Finnane (UQ), Trevor Russell (UQ)	A telehealth model for education and monitoring for early lymphoedema detection and shoulder dysfunction in patients after breast cancer surgery: A pilot cohort study	0
<b>Leonie Naumann</b>	<b>Hildegard Ruel-Hirche,</b> Amanda Pigott (UQ), Jodie Nixon (PAH)	Advanced lymphedema course quality evaluation	0
<b>Lindsay Hepnar</b>	<b>Naoni Ngenda,</b> Deanne August (GSNU), Janet Sharpe (GSNU), <b>Michelle Cottrell</b>	Exploring the prevalence of positional head deformation (PHDs) in a neonatal unit	0
<b>Lorelle Hawes</b>	<b>Catherine Willis, Olivia Wright, Michelle Cottrell</b>	Transcutaneous Tibial nerve Stimulation (TTNS) for the management of overactive bladder syndrome – a service evaluation	0
<b>Mark Cruickshank</b>	<b>Maree Raymer,</b> Deborah Lenaghan (GCUH), Darryn Marks (GCUH), <b>Sonia Sam,</b> Tania Cavanagh (Cairns Hosp), Lisa Nissen (QUT), Mark Nelson (QEI), Dean Blond (GCUH), Rod Ellem (GC HHS), Cherie Hearn (PAH), Nicole Bellet (TPCH)	Physiotherapy Defined Scope of Practice (Prescribing)	0
<b>Matthew Stewart</b>	Craig Winter (Neurosurgery), Patrick Pearce (Neurosurgery) <b>Mary-Ann Litchfield, Michelle Cottrell, Maree Raymer</b>	Is utilisation of Advanced Musculoskeletal Physiotherapists an appropriate strategy to manage Category 1 spinal outpatients in a tertiary neurosurgery outpatient department: a service evaluation.	0
<b>Megan Murdoch</b>	<b>Peter Window,</b> Andrew Claus (RBWH Pain), <b>Caroline Morton</b>	How far must you walk to improve persistent pain? Identifying cohort-specific repeatability and clinically important differences in 6MWT	0
<b>Megan Shipperley</b>	<b>Julie Adsett, Shama Kulkani, Aimee Moore,</b> Sian McFarland (IMRU), Prue McRae (IMRU), Tabitha von Sanden (PAH), Anne Szczepanski (IMRU)	Documentation of mobility in the acute hospital setting – crossed wires	0
<b>Michelle Cottrell</b>	<b>Shaun O'Leary, Maree Raymer, Patrick Swete Kelly, Peter Window, Simon Whitehart,</b> Liam Maclachlan (RBWH Neurosurgery), Thorbjorn Loch-Wilkinson (RBWH Neurosurgery)	Addressing safety and comprehensiveness concerns for neurological examination via telehealth in patients with low back pain.	5
<b>Michelle Cottrell</b>	<b>Perry Judd,</b> Sue Laracy (RBWH OT), Cate Carter (RDH), Jacqueline Nix (RDH), <b>Leonie Naumann,</b> Robyn Scheer (RBWH OT), Jennifer Strong (RBWH OT), <b>Sonia Sam</b>	Prospective surveillance and early intervention for lymphoedema (SAIL) in Breast Cancer patients: an evaluation of a standardised model of care in Metro North Hospital and Health Service.	0

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Michelle Cottrell</b>	Clare Burns (RBWH SP), Amber Jones (RBWH OT), Adrienne Young (RBWH ND), <b>Sonia Sam, Mark Cruickshank</b> , Kelsey Pateman (RBWH AHP)	Rapid implementation of telehealth in response to COVID-19: an evaluation of the RBWH Allied Health experience	0
<b>Michelle Cottrell</b>	Clare Burns (RBWH SP), Amber Jones (RBWH OT), Adrienne Young (RBWH ND), Gary Power (CAG), Anja Christoffersen (CAG), Linda Cuskelly (MN HEI), Peter Buttrum (RBWH AHP), Kate Dickson (RBWH SOPD), Emily Arthur (RBWH AHP), Peter Button (Consumer)	Partnering with consumers to optimize engagement with telehealth services within Metro North Health: an experience-based co-design approach	33
<b>Michelle Cottrell</b>	Kelsey Pateman (RBWH AHP)	Determining competency and training requirements of Metro North physiotherapists providing care via telehealth	Delphi R1 = 29 Delphi R2 = 26 Survey = 21 Focus Groups = 7
<b>Michelle McGrath</b>	<b>James Wood</b>	A Pedobarograph study	0
<b>Michelle McGrath</b>	<b>James Wood</b> , Venerina Johnston (RECOVER UQ), Esther Smits (RECOVER UQ), <b>Peter Window</b>	Gait Classification Following Traumatic Brain Injury	0
<b>Michelle McGrath</b>	<b>Peter Window</b> , John Walsh (Mater) <b>James Wood</b>	The effect on treatment outcome as the result of a pre-treatment Three-Dimensional Gait Analysis (3DGA) in adults with a complex pathological gait.	0
<b>Michelle McGrath</b>	<b>James Wood</b>	The use of 3-dimensional gait analysis and its efficacy on the adult population – A Systematic review	N/A
<b>Michelle McGrath</b>	<b>James Wood</b>	Normative Gait Parameters using 3D-Gait Analysis in Adults	0
<b>Miriam Dillon</b>	Jenny Setchell (UQ), Rebecca Olson (UQ), Maxi Miciak (Uni Alberta), <b>Peter Window, Matt Stewart</b> , Anja Christoffersen	Enhancing how physiotherapists respond to distress experiences of patients with low back pain	14
<b>Miriam Dillon</b>	<b>Peter Window</b> , Simon Kilner (RBWH Psychology), <b>Michael Hockey</b> , Fatima Amershi (RBWH OT), <b>Matthew Stewart</b> , <b>Michelle Cottrell</b> , Natalie Barthel (Consumer)	Time for a new approach? Enhancing patient-centred pain management through collaborative pain education	0
<b>Nanette Paxman</b>	<b>Sonia Sam</b> (RBWH AHP), <b>Michelle Cottrell</b> , Makarla Stead (RBWH Peri-op), Debra McDonald (RBWH Peri-op), <b>Peter Thomas</b>	"Breathe, Wiggle and Walk" after surgery: Does preadmission physiotherapy influence elective surgery outcomes at the RBWH? A retrospective evaluation using health information databases.	0
<b>Natalie Kruger</b>	Melanie Plinsinga (Griffith Uni), Sandi Hayes (Griffith Uni)	The lymphatic system, lymphoedema and medical curricula – perceptions of Australian medical graduates.	N/A
<b>Nicole Puetter</b>	<b>Alice Beningfield, Melissa Elliott, Emma Graving, Vanessa Hancock, Lorelle Hawes, Charlotte Kiemann, Emma Long, Cara Masterson, Meg Moore, Laura Murphy, Michelle Cottrell</b>	Retrospective review of pelvic floor dysfunction following a forceps assisted vaginal delivery	59 (Stage 3)

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Peter Bryan	<b>Peter Window, Joanna Hargreaves, Catherine Sharpe, Ruth McKendry</b> , Rob Laukens (RBWH O+P)	Evaluation of the Outcomes of Pneumatic Post Amputation Mobility Aids in Early Rehabilitation of Lower Limb Amputees	0
Peter Bryan	<b>Peter Bryan, Phillipa Ault</b> , Rob Laukens (O&P), Murray Ogg (RBWH Rehab), <b>Peter Window</b>	Outcomes from Partial Foot Amputations at the Royal Brisbane and Women's Hospital – A Retrospective Audit	20
Peter Thomas	Michelle Paton (Alfred Hospital)	Minimum staffing levels and staff qualifications for physiotherapists working in intensive care units in Australia and New Zealand: a modified Delphi technique.	N/A
Peter Thomas	Michelle Paton (Alfred Hospital)	Physiotherapy intensive care workforce survey	N/A
Peter Thomas	<b>Nanette Paxman</b> , Erin Hüttenmeister (STARS)	Physiotherapy involvement in the RBWH Pre-admission Clinic impact on patient reported anxiety or knowledge gained when preparing surgery	0
Peter Thomas	Jennifer Paratz (Griffith Uni)	Ventilator Hyperinflation in ventilated patients	2
Peter Thomas	<b>Caitlain Cawte, Stella Foley, Ellie Hawkins, Charlotte Jackson, Charlotte Kieman, Andrew Kim, Megan Moore, Nanette Paxman, Ashlee Snoswell, Andrew Statham, Bronte Wilson, Nadine Young</b>	Mobilisation after pelvic exenteration surgery: a retrospective audit	100
Peter Window	<b>Shaun O'Leary, Maree Raymer</b> , Steven McPhail (AusHSI), Bill Vicenzino (UQ), Thivanka Rodrigo (UQ)	Choosing non-surgical multidisciplinary management of knee osteoarthritis in tertiary care wisely: prospective validation of a clinical prediction rule	N/A
Peter Window	<b>Miriam Dillon</b> , Scott Ruddell (RBWH Psych), Mary-Rita Lane (RBWH OT), <b>Perry Judd</b>	OnTRACC - Optimising TRreatment Adherence in Chronic Spinal Conditions	0
Peter Window	<b>Michelle McGrath</b> , Daniel Harvie (Griffith Uni), Esther Smits (UQ RECOVER), Venerina Johnston (UQ), <b>Megan Murdoch, Grahame Milne</b> , Trevor Russell (UQ RECOVER)	The effect of simulating functional tasks during an immersive virtual reality environment on pain and fear of movement in people with chronic non-specific low back pain	6
Prudence Butler	Michele Sterling (UQ RECOVER), Melita Giummarra (UQ), <b>Shaun O'Leary</b> , Nigel Armfield (UQ), Gerrit van de Pol (RBWH Ortho).	Injury perceptions and their association with pain-related disability and mental health symptom trajectories after traumatic extremity injuries: a longitudinal cohort study	157
Prudence Butler	Melita Giummarra (UQ), <b>Shaun O'Leary</b> , Michele Sterling (UQ RECOVER)	Psychometric properties of the Brief Illness Perceptions Questionnaire-Injury in adults with traumatic orthopaedic injuries	N/A
Sally Yin	Prue McRae (IMRU), <b>Julie Adsett</b> , Margaret Cahill (IMRU), Alison Mudge (IMRU), Theresa McCurdie (EWE), Elise Treleaven (EWE)	Improving mobility documentation and communication to enhance efficiencies.	0
Sally Yin	<b>Aimee Moore, Julie Adsett, Laura Daly</b>	Improving health outcomes n people with Bronchiectasis: exploring current Physiotherapy practices and patient adherence	12
Scott Russell	<b>Peter Window, Simon Whitehart</b> , Jane Mason (RBWH Haem)	Does the use of video-conferencing in physiotherapy consultations of adult patients with haemophilia change clinical recommendations when compared to audio-conferencing?	0



Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Shaun O'Leary</b>	Bill Vicenzino (UQ), Merrill Turpin (UQ)	Exploring the utility of the Feedback Action Planning Form in improving a students use of feedback in the clinical education setting	0
<b>Shaun O'Leary</b>	Gwendolyn Jull (UQ), Stephen McPhail (PAH), <b>Glen Volker</b> , Peter Tonks (PAH)	Physical Therapy for Neck Pain – Are we moving in the right direction?	0

## Collaborative Research Activity Involving RBWH Department / Research Group

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Alan Wan (UQ)	<b>Shaun O'Leary</b>	Movement evoked pain sensitivity in chronic spinal pain	N/A
Alison Mudge (IMRU)	Adrienne Young (RBWH ND), Teresa Green (STARS), Apama Arjunan (STARS), Niru Mahendran (UQ), <b>Julie Adsett</b> , Penny Burfein (STARS), Gio Tornatore (STARS), Ian Parker (STARS), Julia McLeod (STARS), Janette Moore (Consumer), Dan Trestrail (Consumer).	Stratifying Trajectories After Rehabilitation (STAR): prospective study of the impact of frailty on recovery trajectories following inpatient rehabilitation	39
Ann Holland (La Trobe University)	<b>Kermeen Kansara (RBWH)</b> , Joanne Fuller (RBWH Thoracic Medicine)	HomeBase2: An implementation trial to improve access to pulmonary rehabilitation in people with COPD	10
Ben Glenwright (Cairns Hospital)	<b>Shaun O'Leary</b> , Trevor Russell (UQ), <b>Michelle Cottrell</b> , Ben Parkinson (Cairns Hospital)	Consensus regarding patient characteristics and clinical indicators contradicting the use of the NICE Guidelines in individual patients post Total Hip Replacement – a e-Delphi Study	N/A
Carl Lisec (RBWH Burns)	A Perri, A Hill, Amber Jones (RBWH OT), <b>Anita Plaza</b> , Aleksandra Edmundson, Andrea McKittrick (RBWH OT), Kate McCrossin (RBWH Anaesthetics)	A pilot study assessing the feasibility of NexoBrid versus the current standard of care of isolated upper limb burns: A solution to "the perfect crime"?	0
Carol Hodgson (ANZICS Research Centre, Monash University)	<b>Peter Thomas</b> , multiple Australian sites / collaborators	The COVID-Recovery Study	0
Carolyn Bontrup (UQ)	Venerina Johnston (UQ), <b>Shaun O'Leary</b> , Remko Soer (University of Groningen)	Ageability in the ageing worker	N/A
Chen D (Griffith Uni Honours)	Norm Morris (TPCH), Louis M (TPCH), <b>Julie Adsett</b> , Rita Hwang (PAH)	Comparing the responses to the 60 second sit to stand test and the six-minute walk tests in heart failure	N/A
Claire Hackett (PAH)	Marnie McGorm (Logan), Kelli Rebetzke (TUH), Alison Mahoney (TPCH), Michelle Whap (Cairns), Kate McCleary (SCUH), Jared Bruning (TPCH), Jai Peach (PAH), Tamara Lazzarini (QCH), Lauren O'Connor (GCUH), <b>Peter Thomas</b>	Physiotherapy at Night: Description of Physiotherapy service provision overnight in QLD	N/A

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Elise Gane (PAH)	<b>Shaun O'Leary</b> , Caroline Speksnijder (Uni Medical Centre Utrecht)	Neck rehabilitation after neck dissection for head and neck cancer: a pilot intervention study	N/A
Joshua Simmich (UQ RECOVER)	Nicole Andrews (UQ RECOVER), <b>Megan Murdoch</b> , <b>Caroline Morton</b> , Andrew Claus (RBWH Pain), Trevor Russell (UQ RECOVER)	Smartphone-based 6-Minute Walk Test in chronic pain: a validation study	N/A
Luke Churchill (TPCH)	Allison Mandrusiak (UQ), Oystein Tronstad (TPCH), Jennifer Paratz, <b>Peter Thomas</b> , Lawrence Caruana (TPCH), Stacey Verner Wren (TPCH), Anna-Liisa Sutt (RBWH Peri-op)	Determining the safety and benefits of exercising tracheostomised mechanically ventilated patients with a Passy-Muir Speaking valve.	0
Merrilyn Banks (RBWH ND)	<b>Anita Plaza</b> , Christian Redd, David Silvera (CSIRO), Judy Bauer (RBWH ND), Andrea McKittrick (RBWH OT), Elizabeth Vujcich, Claire Dux (RBWH ND), Zhang Qing (CSIRO), Marlien Varnfield (CSIRO), Dale Trevor (Consumer)	Feasibility of using wearable sensors in patients with burn injury, to measure energy expenditure and other observations, that can directly influence clinical care	0
Mikaela Lynch (UQ)	Trevor Russell (UQ), Rachelle Pitt (AHPOQ), <b>Leonie Naumann</b>	Essential components of Self-Management for Cancer Related Lymphoedema: a Delphi Study	N/A
Nathalia Cordeiro De Costa (UQ)	Jenny Setchell (UQ), Rebecca Olson (UQ), Karime Mescouto (UQ), Roma Forbes (UQ), <b>Miriam Dillon</b> , <b>Prue Butler</b>	Exploring Uncertainty in Low Back Pain Care	N/A
Panos Barlas (JTI)	Michael Schuetz (JTI), Esther Jacobson (JTI), Jerry Van de Pol (RBWH Ortho), Richard Hanly (RBWH Ortho), <b>Christopher Smith</b> , <b>Michelle McGrath</b> Manzanero.S	Validity of smart shoe inserts to measure weight-bearing in Aircast® boots.	8
Peter Buttrum (RBWH AHP)	<b>Shaun O'Leary</b> , Adrienne Young (RBWH ND), Diann Eley, Merrilyn Banks (RBWH ND), Nicole Marsh, <b>Mark Cruikshank</b> , James Elliott (Sydney Uni), Nicholas Talley (Uni Newcastle), Scott Bell (UQ)	Sustainable career pathways for clinician-scientists in Australian public health	10
Robert Boots (RBWH ICU)	<b>Peter Thomas</b> , Jennifer Paratz (Griffith Uni), Anthony Trojman (Griffith Uni), Julie Hides (Griffith Uni), Norm Morris (TPCH), Louise Gustafsson (Griffith Uni), Judith Hough (ACU)	Morbidity post COVID-19 - investigation and a call to action	47
Sarah Kitcher, Elodie Attrazic (Bond Uni students)	Darryn Marks (Bond Uni), <b>Michelle Cottrell</b> , Wayne Hing (Bond Uni)	The health economic outcomes of outpatient musculoskeletal physiotherapy delivered by telehealth: a systematic review	N/A
Thivanka Rodrigo (UQ Honours)	<b>Shaun O'Leary</b> , <b>Peter Window</b>	Establishing the reliability of a weight-bearing frontal knee alignment measure in standing using a goniometer in patients with knee osteoarthritis	N/A (recruitment at TPCH)

## Research Activity With a Specific Focus on First Nations People

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Shaun O'Leary	<b>Maree Raymer, Peter Window, Michelle Cottrell</b> , Carl Francia (UQ), Curtley Nelson (UQ), Eliza Watson (UQ), Alistair McDougall (UQ)	Understanding care pathway experiences for First Nations people in the Neurosurgical / Orthopaedic Physiotherapy Screening Clinics and Multidisciplinary Services (N/OPSC & MDS) in Queensland Health	N/A

## Research Publications

### Authors

Investigator	ORCID ID
Julie Adsett	<a href="https://orcid.org/0000-0002-4230-4577">https://orcid.org/0000-0002-4230-4577</a>
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Sally Yin	<a href="https://orcid.org/0000-0002-5978-1417">https://orcid.org/0000-0002-5978-1417</a>

## Publications in 2022

### Journal Articles (RBWH staff in bold)

Nakagaki M, Gavin NC, Hayes T, Fichera R, Stewart C, **Naumann L**, et al. Implementation and evaluation of a nurse-allied health clinic for patients after haematopoietic stem cell transplantation. Support Care Cancer. 2022;30(1):647-57.

Hwang R, Fan T, Bowe R, Louis M, Bertram M, Morris N, **Adsett J**. Home-based and remote functional exercise testing in cardiac conditions, during the COVID-19 pandemic and beyond: a systematic review. Physiotherapy. 2022;115:27-35.

**Plaza A, Adsett J**, Byrnes A, McRae P. Physical activity levels in hospitalized adults with burn injuries. J Burn Care Res. 2022;43(5):1048-1054.

**Yin S**, Paratz J, **Cottrell M**. Readmission following Discharge from a Geriatric Evaluation and Management Unit: identification of risk factors. Australian Health Review. 2022;46(4):421-425.

### Journal Articles (RBWH staff in bold)

- Hayes SC, Singh B, **Reul-Hirche H**, Bloomquist K, Johansson K, Jönsson C, Plinsinga ML. The Effect of Exercise for the Prevention and Treatment of Cancer-related Lymphedema: A Systematic Review with Meta-analysis. *Med Sci Sports Exerc*. 2022;54(8):1389-1399.
- Amiss E., Cottrell M.** Evaluation of a Novel Step Training Mobile App Intervention in Cardiopulmonary Rehabilitation: A Single Arm Prospective Cohort Study. *Games Health J*. 2022;11(5):330-336.
- Leslie, S.,** Tan, J., McRae, P. J., **O'Leary, S. P., & Adsett, J. A.** The Effectiveness of Exercise Interventions Supported by Telerehabilitation For Recently Hospitalized Adult Medical Patients: A Systematic Review. *Int J Telerehabil*. 13(2):e6356.
- Plaza A.,** Paratz J., **Cottrell M.** Home-based telerehabilitation is comparable to in-person physiotherapy exercise programs for patients with burn injuries: a randomised, controlled, non-inferiority clinical pilot trial. *Burns*. 2022. [Epub ahead of print]
- Burns C., **Cottrell M.,** Jones A., Foley J., Rahmann A., Young A., **Cruickshank M.,** Pateman K. Prioritising enhancements across allied health telehealth services in a metropolitan hospital: using a concept mapping approach. *J Telemed Telecare*. 2022;28(10):740-749.
- Costa N, Mescouto K, **Dillon M,** Olson R, **Butler P,** Forbes R, Setchell J. The ubiquity of uncertainty in low back pain care. *Soc Sci Med*. 2022. 313:115422.
- Franks L, Walsh JR, Hall K, **Adsett JA,** Morris NR. Patient Perspectives of Airway Clearance Techniques in Bronchiectasis. *Physiother Theory Pract*. 2022. [Epub ahead of print]
- Hodgson CL, Higgins AM, Bailey MJ, Mather AM, Beach L, Bellomo R, Bissett B, Boden IJ, Bradley S, Burrell A, Cooper DJ, Fulcher BJ, Haines KJ, Hodgson IT, Hopkins J, Jones AYM, Lane S, Lawrence D, van der Lee L, Liacos J, Linke NJ, Marques Gomes L, Nickels M, Ntoumenopoulos G, Myles PS, Patman S, Paton M, Pound G, Rai S, Rix A, Rollinson TC, Tipping CJ, **Thomas P,** Trapani T, Udy AA, Whitehead C, Anderson S, Serpa Neto A; COVID-Recovery Study Investigators and the ANZICS Clinical Trials Group. Comparison of 6-Month Outcomes of COVID-19 vs Non-COVID-19 Survivors of Critical Illness. *Am J Respir Crit Care Med*. 2022;205(10):1159-1168.
- Hodgson CL, Higgins AM, Bailey MJ, Mather AM, Beach L, Bellomo R, Bissett B, Boden IJ, Bradley S, Burrell A, Cooper DJ, Fulcher BJ, Haines KJ, Hopkins J, Jones AYM, Lane S, Lawrence D, van der Lee L, Liacos J, Linke NJ, Gomes LM, Nickels M, Ntoumenopoulos G, Myles PS, Patman S, Paton M, Pound G, Rai S, Rix A, Rollinson TC, Sivasuthan J, Tipping CJ, **Thomas P,** Trapani T, Udy AA, Whitehead C, Hodgson IT, Anderson S, Neto AS; COVID-Recovery Study Investigators and the ANZICS Clinical Trials Group. The impact of COVID-19 critical illness on new disability, functional outcomes and return to work at 6 months: a prospective cohort study. *Crit Care*. 2021;25(1):382.
- Thomas P,** Baldwin C, Beach L, Bissett B, Boden I, Magana Cruz S, Gosselink R, Granger CL, Hodgson C, Holland AE, Jones AYM, Kho ME, van der Lee L, Moses R, Ntoumenopoulos G, Parry SM, Patman S. Physiotherapy management for COVID-19 in the acute hospital setting and beyond: an update to clinical practice recommendations. *J Physiother*. 2022;68(1):8-25.
- Johnston V, Jackson K, Welch A, Sjøgaard G, Comans TA, Straker L, Melloh M, Gane E, **O'Leary S.** An Evaluation of an Exercise and Ergonomics Intervention for the Prevention of Neck Pain in Office Workers: Exploratory analysis of a Cluster Randomised Trial. *BMJ Occupational and Environmental Medicine*. 2022;79(11):767-774.
- Jaber K, McAuliffe M, Pedler A, Sterling M, **O'Leary S.** Further exploring the relationship between pressure pain thresholds and function in knee osteoarthritis. *Musculoskeletal Science and Practice*. 2022;59:102542.
- Galea O, **O'Leary S,** Treleaven J. An investigation of Physiological System Impairments in Individuals 4 Weeks to 6 Months Following Mild Traumatic Brain Injury. *Journal of Head Trauma Rehabilitation*. 2022. [Epub ahead of print].
- Galea O, **O'Leary S,** Treleaven J. Cervical musculoskeletal and sensorimotor impairments 4 weeks to 6 months following mild traumatic brain injury: An observational cohort study. *Musculoskeletal Sci Prac*. 2022;57:102490.
- Galea O, **O'Leary S,** Williams K, Treleaven J. Investigation of Sensorimotor Impairments in Individuals 4 Weeks to 6 Months After Mild Traumatic Brain Injury. *Arch Phys Med Rehabil*. 2022;103(5):921-928.
- Murdoch M, Window P, Morton C,** O'Donohue R, Ballard E, Claus A. People at a persistent pain service can walk it, but some struggle to talk about it: Reliability, detectable difference and clinically important difference of the six-minute walk test. *Musc Care*. 2022 [Epub ahead of print]
- Raymer M, Window P, Cottrell M,** Comans T, **O'Leary S.** Revised service metrics partially explain variation in outcomes across facilities in a state-wide advanced practice public musculoskeletal service. *Musc Care* 2022 [Epub ahead of print]
- Kruger N,** Plinsinga M, Noble-Jones, R, Piller N, Keely V, Hayes S. The Lymphatic System, Lymphoedema, and Medical Curricula-Survey of Australian Medical Graduates Cancers (Basel). 2022;16(14):6219

### Book Chapters (RBWH staff in bold)

Chris Worsfold, Jeremy Lewis, Mira Meeus, Gwendolen Jull, **Shaun O'Leary,** Greg Lynch, Richard Rosedale, Grant Watson, Jillian McDowell, Bill Vicenzino, Brian Mulligan. Chp 16 Not a Shoulder. IN: Jeremy Lewis, César Fernandez-de-las-Peñas (eds) *The Shoulder: Theory and Practice*, 2022, Handspring Publishing.

## Keynote or Plenary Lectures given in 2022

Date	Title
14 <sup>th</sup> April 2022	<b>Cottrell M.</b> What's the evidence for using telehealth to manage musculoskeletal conditions? Canadian Physiotherapy Association – Orthopaedic Division.

# Psychology

## Research highlights for the year (1 January – 31 December 2022)

It has been a very productive year for our department with a number of our staff being successful in achieving RBWH Research Foundation RHD Scholarships. We have also been successful with several other collaborative grants including the TCPRC RBWH Research Foundation grant and our ongoing telehealth collaborative study with Griffith University (Metro North Collaborative Research Grant). With regard to the later, this has led to the establishment of a partnership with the newly established Griffith University Centre for Mental Health Research. This partnership will help further build research capacity and support client centred QA activity within the department through the research expertise and support services of the centre.

A further highlight of our year was the Department Research Seminar which involved the presentation of research and QA activities undertaken by each service line and or program. This event facilitates the sharing of research activities and outcomes and supports the development of new research initiatives. A particular focus of this year's seminar was optimising and tailoring of patient access and engagement. The seminar also included a presentation by the Metro North HREC and Governance office on practical strategies and tasks when applying for ethics and site-specific approvals.

## Research Grants

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Clare Pekin</b>	Psychology	Improving Outcomes for People with Obesity and Type II Diabetes Considering Bariatric Surgery	CAHRLI	\$5000	2021-2022
<b>Clare Pekin</b>	Psychology	Psychopathology In Bariatric Surgical Candidates	RBWH Research Foundation RHD Scholarship	\$39633	2022
<b>Kate Thompson</b>	Psychology	Effectiveness of memory rehabilitation techniques in improving memory function in patients with epilepsy.	RBWH Research Foundation RHD Scholarship	\$39633	2022
Michele Sterling (UQ), Paul Gray (RBWH), Peter Cabot (UQ), Andrew Claus (RBWH) Annina Schmid (Oxford), Kevin Chu (RBWH), <b>Genesta Nicolson</b>	Tess Cramond Pain and Research Centre / RECOVER	Development of small nerve fibre pathology in chronic whiplash-associated disorder. RECOVER Research Institute.	RBWH Research Foundation	\$64,840.46	2022-2023
<b>Scott Ruddell</b> , Bonnie Clough (GU), <b>Angela White</b> , Tamara Ownsworth (GU), Leanne Casey (GU)	Psychology	Improving Outcomes of Videoconference Psychotherapy for Patients with Chronic Spinal Pain: The Impact of Illness Beliefs	Metro North Collaborative Research Grant	\$48,820	2020-2022

## Current RBWH Department / Research Group Led Research Activity

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Ada Lo</b>	<b>Harriet Bodimeade</b> , Stephanie Jessup (SW) <b>Emmaline Falconer</b>	Validating anxiety and mood screening tools in stroke patients	4
<b>Ada Lo</b>	<b>Kate Thompson, Elisabeth Hamernik, Angela White.</b>	Evaluation of neuropsychology service for acute stroke patients - clot retrieval	1
<b>Kate Thompson</b>	<b>Ada Lo, Hannah McGlashan</b> , Professor David Reutens (RBVWH), Alan Pegna (UQ), Catherine Haslam (UQ), & Tamara Ownsworth (GU)	Self-report measures of everyday memory in people with epilepsy: A systematic review of measurement properties	N/A
<b>Mala McHale</b>	Fiona Barlow (UQ), Christienne Javier (UQ) <b>Sally Price, Rachel Costa, Angela White</b>	A Follow-Up Study of Health and Wellbeing of Health Consumers Who Have Accessed Gender Services at the RBWH	205
<b>Scott Ruddell</b>	Bonnie Clough (GU), <b>Angela White</b> , Tamara Ownsworth (GU), Leanne Casey (GU), <b>Mala McHale</b>	Improving Outcomes of Videoconference Psychotherapy for Patients with Chronic Spinal Pain: The Impact of Illness Beliefs	20

## Collaborative Research Activity Involving RBWH Department / Research Group

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Heshani Mediwake (RBWH), Glen Kennedy (RBWH), Siok Tey (RBWH),	<b>Ada Lo, Harriet Bodimeade</b>	NCA in CARTs: Neurocognitive assessment in patients undergoing chimeric antigen receptor therapy	1
Lee Reid (Australian e-health Research Centre), Jurgen Fripp (Australian e-health Research Centre), Stephen Rose (Australian e-health Research Centre), Marita Prior (RBWH), Rosalind Jeffree (RBWH), David Walker (Wesley Hospital), Hamish Alexander (RBWH), Parnesh Raniga (RBWH), Julie Trinder (RBWH),	<b>Ada Lo, Kate Thompson</b>	Predicting Surgery-induced Neurological Deficits using CONSULT. A study to measure the ability of CONSULT tractography software to predict surgery-induced neurological deficits.	0
Ashleigh Scott (RBWH), Glen Kennedy (RBWH), Katie McMahon (RBWH), Olivier Salvado (CSIRO),	<b>Ada Lo, Kate Thompson</b>	MINERAL: Magnetic Resonance Imaging and Quantitative susceptibility mapping (MRI-QSM) of brain iron to identify chemotherapy-associated neurocognitive impairment (CANI) in Acute Myeloid Leukemia (AML).	N/A



Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Stacy Savage (GU), Bonnie Clough (GU)	<b>Angela White</b>	Keeping a Safe Distance: Improving the Assessment and Management of Suicide Risk in Telehealth Services	N/A
Kate McCarthy (Infectious Diseases Unit), Ernest Tee (Infectious Diseases Unit)	<b>Angela White</b>	Self-isolation Experience due to an Infectious disease: the Impact of Virtual Care	N/A
Nicole Andrews (OT), Trevor Russell (UQ RECOVER)	<b>Riley O'Donohue</b>	Enhancing the management of chronic pain: A new eHealth model to extend on-site care and benefits back into the community	0

## Research Activity With a Specific Focus on First Nations People

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Clare Pekin</b>	<b>Mala McHale</b> , Esben Strodl (QUT)	Service Evaluation of Psychology Outcomes in People with Type 2 Diabetes Seeking Bariatric Surgery	400

## Research Publications

### Authors

Investigator	ORCID ID
<b>Angela White</b>	<a href="https://orcid.org/0000-0001-5725-7913">https://orcid.org/0000-0001-5725-7913</a>
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<b>Genesta Nicolson</b>	<a href="https://orcid.org/0000-0002-5990-2178">https://orcid.org/0000-0002-5990-2178</a>
<b>Kate Thompson</b>	<a href="https://orcid.org/0000-0002-2269-1215">https://orcid.org/0000-0002-2269-1215</a>
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## Publications in 2022

### Journal Articles (RBWH staff in bold)

**Pekin, C., McHale, M.,** Seymour M., Strodl, E., Hopkins, G., Mitchell, D., & Byrne, G. (In Press). Psychopathology and Eating Behaviour in People with Type 2 Diabetes Referred for Bariatric Surgery. *Eating and Weight Disorders - Studies on Anorexia, Bulimia and Obesity*

Ziaei, M., Arnold, C., **Thompson, K.,** & Reutens, D. (2022). Social cognition in temporal and frontal lobe epilepsy: Systematic review, meta-analysis and clinical recommendations. *Journal of the international neuropsychological society*, 1-25.

## Keynote or Plenary Lectures given in 2022

Date	Title
12/04/2022	Dr Andrew Claus, <b>Genesta Nicolson</b> , Tess Cramond Pain and Research Centre Identifying the gaps to close: Aboriginal and Torres Strait Islander People's profile from the Electronic Persistent Pain Outcomes Collaboration. 2022 Australian Pain Society 42nd Annual Scientific Meeting

## Social Work

### Research Grants

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
Cheryl Tilse (UQ), <b>Gai Harrison</b> , Jill Wilson (UQ), Maree Petersen (UQ)	Dept of Nursing, Midwifery & Social Work, UQ Dept of Social Work, RBWH	A theoretical framework for elder abuse to guide social work practice	Australian Research Council (Discovery)	\$293,548	2021-2023
<b>Jennifer Jewell</b> <b>Rebecca Cooley</b>	Dept of Social Work, RBWH	LGBTQ+ Inclusive Practice: Making Qld Health More Inclusive	CAHRLI Innovation Challenge 2022	\$7,000	Nov 2021 – June 2022

### Current RBWH Department / Research Group Led Research Activity

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Amanda Masters</b>	<b>Anne De Ruiter</b> , <b>Gai Harrison</b> , Sandy Jamieson (Nursing)	Developing a model of care to address elder abuse at RBWH	0
<b>James Ready</b>	Alex Markwell (ETC)	Staff Debriefing in the Emergency and Trauma Centre: Using Debriefing as a tool to promote wellbeing, reflection and learning	0
<b>Kathy Carpenter</b>	<b>Gai Harrison</b>	Implementing a bereavement follow up program in ETC	0
<b>Kristy Fitzgerald</b>	<b>Angela O'Malia</b> , Nicole Payne (Women's & Newborn Services)	Staff psychosocial support needs when working with women accessing a termination of pregnancy at the Royal Brisbane & Women's Hospital	0
<b>Kristy Fitzgerald</b>	<b>Gai Harrison</b> , Leonie Callaway (Women's & Newborn Services), Patrick O'Leary (Griffith University), Alka Kathari (Redcliffe Hospital)	Promoting men-inclusive maternity services: Exploring the expectations, experiences and needs of men as fathers	0
<b>Madeleine Brough</b>	<b>Sarah Napier</b>	Developing NDIS training for allied health teams at RBWH	0

### Collaborative Research Activity Involving RBWH Department / Research Group

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Ada Lo (Psychology)	Annette Broome (Psychology), Christopher Hayter (Psychology), Harriet Bodimeade (Psychology), Lara Campbell (Psychology), Petrea Cornwell (Psychology), Tricia Rolls (Psychology), <b>Stephanie Jessup</b>	Validating anxiety and mood screening tools in stroke patients	0

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Michael O'Sullivan (Neurosciences)	<b>James Ready</b> , Jacqui Marks (ETC), Zoe Poiner (ETC), Gary Mitchell (ETC), Dana Galligan (UQ), Sandy Schulz (Monash University)	Brain Injury in Intimate Partner Violence	0
Neil Widdicombe (ICU)	<b>Angela OMalia</b> , Fiona Coyer (QUT), Kevin Laupland (QUT); Shane Townsend (ICU); Tina Coco (Donate Life Qld)	Evaluation of the impact and feasibility of an intensive care unit end of life care and bereavement follow-up using a collaborative multidisciplinary service model	0

## Research Publications

### Authors

Investigator	ORCID ID
<b>Amanda Masters</b>	<a href="https://orcid.org/0000-0001-5342-9722">https://orcid.org/0000-0001-5342-9722</a>
<b>Anne De Ruiter</b>	<a href="https://orcid.org/0000-0003-4533-527x">https://orcid.org/0000-0003-4533-527x</a>
<b>Bernadette Dimla</b>	<a href="https://orcid.org/0000-0002-7335-5473">https://orcid.org/0000-0002-7335-5473</a>
<b>Gai Harrison</b>	<a href="https://orcid.org/0000-0003-2859-9847">https://orcid.org/0000-0003-2859-9847</a>
<b>Gregory Lewis</b>	<a href="https://orcid.org/0000-0002-1427-4542">https://orcid.org/0000-0002-1427-4542</a>
<b>James Ready</b>	<a href="https://orcid.org/0000-0002-1926-938X">https://orcid.org/0000-0002-1926-938X</a>

### Publications in 2022

#### Journal Articles (RBWH staff in bold)

**James Ready**, **Greg Lewis**, Sandra Barr-Lynch, Amanda Casey, Ashley King, Lisa Wojciechowski, Social work practice for COVID-19 in the acute hospital setting: Recommendations for psychosocial assessment, *The British Journal of Social Work*, 2022, bcab264

**Bernadette Dimla**, Lynn Parkinson, Denise Wood, Zalia Powell, Hospital discharge planning: A systematic literature review on the support measures that social workers undertake to facilitate older patients' transition from hospital admission back to the community, *Australasian Journal on Ageing*, 2022, 00:1-14

# Speech Pathology and Audiology

## Research highlights for the year (1 January – 31 December 2022)

Across 2022, the Speech Pathology and Audiology Department has continued to grow its clinical research program. Our speech pathology research focuses on patient-centred clinical care and innovative service models to enhance swallowing and communication intervention across inpatient and outpatient services in cancer care, internal medicine, surgery and perioperative services, stroke and neurology, and gender services. Our audiology research focuses on improving access to care for Aboriginal and Torres Strait Islander adults living in Queensland and for our clients with cochlear implants.


A key research highlight for 2022 was Dr Shana Taubert and Dr Jasmine Foley being awarded their Doctor of Philosophy degrees from The University of Queensland. Both Shana and Jasmine conducted their doctoral research at RBWH. Dr Taubert, whose PhD program incorporated the development and implementation of a speech pathology-led videofluoroscopic referring model of care, was awarded the QuARRIES Fostering Innovation Award and the People's Choice Award at the 2022 Allied Health Translation of Research in Practice Showcase.

In the last 12 months, Speech Pathology and Audiology Department staff have authored 17 peer reviewed publications and disseminated their research in 7 national and 17 international conference presentations. Dr Clare Burns also co-led the development of national professional guidelines on telepractice services for Speech Pathology Australia. We have continued to support 12 department-led research projects and 16 projects in collaboration with other teams. We have strengthened our networks with colleagues in allied health, nursing and medicine at RBWH, and our collaborations within Speech Pathology Services across Metro North HHS, Centre for Functioning and Health Research Metro South Health, RECOVER Injury Research Centre, (UQ), Queensland Aphasia Research Centre (QARC, UQ), School of Health and Rehabilitation Sciences, UQ, the Australian Centre of Health Services Innovation (AusHSI, QUT), and Centre for Applied Economics (Griffith University). Audiology networks have also been established with the National Acoustics Laboratory and private and public cochlear implant clinics nationwide.

Our commitment to developing research capacity and capability has continued to grow with 9 RHD students being supported by the Speech Pathology and Audiology Department. In 2022, 4 staff members progressed their research higher degrees, and 5 PhD students were supervised by speech pathology research staff.

## Successful PhD candidates in 2022

Name	PhD Title	Month Completed	Affiliated University	Summary
Dr Shana Taubert	Enhancing speech pathology practice in videofluoroscopic swallow studies	November 2022	The University of Queensland	This thesis used mixed methods to evaluate a newly developed videofluoroscopy swallow study (VFSS) eLearning training program for speech pathologists (SPs) and to examine implementation outcomes of an enhanced scope practice model of Speech Pathology-led VFSS referring. Results indicate that eLearning was a viable method of delivering VFSS training which increased SPs' access to training, enhanced training processes, and delivered service benefits. The Speech Pathology-led VFSS referring model improved radiation safety of referrals, and multiple contextual factors, including adequate resources, were critical for implementation and sustainability. These findings provide evidence to inform innovations that improve VFSS service provision.



Name	PhD Title	Month Completed	Affiliated University	Summary
Dr Jasmine Foley	Enhancing understanding of, and access to, speech pathology head and neck cancer services in rural areas	August 2022	The University of Queensland	This thesis examined head and neck cancer (HNC) outcomes and healthcare access by remoteness and ways of improving speech pathology (SP) services for people with HNC living rurally within Queensland. Five studies were conducted of mixed methodology incorporating: quantitative analysis of a state-wide database; journey mapping of healthcare access for metropolitan and rural patients; exploration of patient and staff experiences of HNC services; concept mapping to prioritise areas of SP service improvement; and enacting service change. Overall, this thesis demonstrated multiple inequities for rural people with HNC however change is possible when SP services are supported to evaluate and implement service enhancements.



## Research Awards and Achievements

Recipient (RBWH staff in bold)	Award	Event
<b>Shana Taubert, Clare Burns, Liz Ward, Lynell Bassett, Linda Porter, Andrew Groundwater, Ben Keir</b>	Fostering Innovation Project Award	QuARRIES
<b>Shana Taubert, Clare Burns, Liz Ward, Lynell Bassett, Linda Porter, Andrew Groundwater, Ben Keir</b>	People's Choice Award	2022 AH-TRIP Showcase
<b>Shana Taubert, Clare Burns, Liz Ward, Lynell Bassett, Linda Porter, Andrew Groundwater, Ben Keir</b>	CAHRLI 2021 Local Award – Highly Commended	Collaborative for Allied Health Research, Learning and Innovation (CAHRLI) Local Awards 2022

## Research Grants

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Alice Pender</b>	Audiology	Improving management of hearing loss in an urban population of Aboriginal and Torres Strait Islander adults	Queensland Advancing Clinical Research Fellowship	\$120,000	2021 - 2023
<b>Alice Pender</b>	Audiology	Improving management of hearing loss in an urban population of Aboriginal and Torres Strait Islander adults	UQ Faculty of Medicine Clinician Research Support	\$20,000	2021 - 2023
<b>Clare Burns</b>	Speech Pathology	Enhancing speech pathology dysphagia services through telepractice	MNHHS Clinician Fellowship	\$175,000	2019-2022



Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
<b>Clare Burns</b> , Atiyeh Vaezipour, <b>Meghan Currant</b> , <b>Sarah Heaton</b> , Caitlin Fraser, Annie Hill, Trevor Russell	Speech Pathology (RBWH) RECOVER Injury Research Centre (UQ), Speech Pathology (STARS)	Telehealth delivery of an immersive virtual reality tool for individuals with communication disorders: A feasibility study	RBWH Foundation	\$42,145	2020-2021
Michelle Cottrell (Physiotherapy), <b>Clare Burns</b> , Amber Jones (Occupational Therapy), Adrienne Young (Nutrition & Dietetics), Kelsey Pateman (RBWH AHP), Gary Power (RBWH CAG), Anja Christoffersen (RBWH CAG), Linda Cuskelly (MN HEI), Peter Buttrum (RBWH AHP), Kate Dickson (RBWH Crit Care & Clin Support), Peter Button (Consumer), Emily Arthur (RBWH AHP)	RBWH Allied Health Professions; Critical Care and Clinical Support Service, Consumer Advisory Group	Partnering with consumers to optimise engagement with telehealth services within Metro North Health: an experience-based co-design approach (Stage 1)	MN Healthcare Excellence and Innovation	\$48,138	2022
Michelle Cottrell (Physiotherapy), <b>Clare Burns</b> , Amber Jones (Occupational Therapy), Adrienne Young (Nutrition & Dietetics), Kelsey Pateman (RBWH AHP), Gary Power (RBWH CAG), Anja Christoffersen (RBWH CAG), Linda Cuskelly (MN HEI), Peter Buttrum (RBWH AHP), Kate Dickson (RBWH Crit Care & Clin Supp)	RBWH Allied Health Professions; Critical Care and Clinical Support Service, Consumer Advisory Group	Partnering with consumers to optimise engagement with telehealth services within Metro North Health: an experience-based co-design approach (Stage 2)	CEQ Telehealth Support Unit	\$90,000	2022-2023
<b>Ellie Minchell</b>	Speech Pathology	Dysphagia outcomes post clot retrieval and thrombolysis	RBWH Foundation Postgraduate Scholarship	\$39,633	2022

## Current RBWH Department / Research Group Led Research Activity

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
<b>Alice Pender</b>	Deborah Askew (UQ), Wayne Wilson (UQ), Philip Schluter (University of Canterbury), Roxanne Bainbridge (Cairns Institute), Geoff Spurling (UQ, Metro South HHS)	Hearing and ear-health in Aboriginal and Torres Strait Islander people aged 15 years and over: A scoping review	N/A
<b>Alice Pender</b>	Deborah Askew (UQ), Wayne Wilson (UQ), Philip Schluter (University of Canterbury), Roxanne Bainbridge (Cairns Institute), Geoff Spurling (UQ, Metro South HHS), Claudette "Sissy" Tyson (Metro South HHS)	Hearing and Hearing loss in Aboriginal and Torres Strait Islander adults – knowledge, perspectives, and attitudes.	N/A
<b>Alice Pender</b>	<b>Carla Rose (Audiology)</b> , Angela Chang (CAHR), Tracy Comans UQ)	Patient outcomes following cochlear implant surgery	N/A
<b>Alice Pender</b>	Deborah Askew (UQ), Wayne Wilson (UQ), Philip Schluter (University of Canterbury), Roxanne Bainbridge (Cairns Institute), Geoff Spurling (UQ, Metro South HHS), Claudette "Sissy" Tyson (Metro South HHS)	Self-reported hearing loss and follow-up care of Aboriginal and Torres Strait Islander adults in an urban setting	N/A
<b>Carla Rose</b>	<b>Lynell Bassett</b> (Speech Pathology), Dr Sharon Kelly (ENT)	Evaluation of the First Contact Audiology Clinics	N/A
<b>Clare Burns</b>	Atiyeh Vaezipour (UQ), Anna Farrell, Natalie Hickey (Speech Pathology); Penni Burfein (Speech Pathology); Deborah Theodoros (UQ); Trevor Russell (UQ); David Copland (UQ), Arindam Dey (UQ); Kate Hacking (Community and Oral Health MNHHS); Michelle Slee (The Prince Charles Hospital); Brooke Cowie (Caboolture Hospital); Wendy Luttrell (Redcliffe Hospital)	Co-design, development, and evaluation of an immersive virtual reality therapy tool for individuals with communication disorders.	N/A
<b>Clare Burns</b>	Annie Hill (UQ), Liz Ward (CFAHR; UQ), Sanjeeva Kularatna (AusHSI QUT); Joshua Byrnes (Griffith University)	Evaluation of two speech pathology service models for swallowing rehabilitation post head and neck cancer treatment	20

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Clare Burns	Atiyeh Vaezipour (UQ), Meghan Currant (Speech Pathology); Sarah Heaton (Speech Pathology); Caitlin Fraser (STARS); Annie Hill (UQ; STARS) Trevor Russell (UQ)	Telehealth delivery of an immersive virtual reality therapy tool for individuals with communication disorders: A feasibility study.	N/A
Clare Burns	Liz Ward (CFAHR/UQ)	Evaluation of a Speech Pathology Telepractice Portal to facilitate the implementation and expansion of telepractice services across Queensland	N/A
Clare Burns	Liz Ward (CFAHR; UQ), Jasmine Foley (UQ), Rebecca Nund (UQ), Laurelie Wall (Metro South HHS), <b>Dr Maurice Stevens (ENT), Dr Lizbeth Kenny (Cancer Care)</b>	Understanding the Regional and Remote Head and Neck Cancer (HNC) Patient Services Journey	N/A
Clare Burns	Annie Hill (UQ), Liz Ward (CFAHR; UQ), <b>Lynell Bassett</b> ; Kate Hacking (MNHHS); Michelle Slee (MNHHS); Brooke Cowie (MNHHS); Wendy Luttrell (MNHHS)	Examining stakeholder perceptions of an asynchronous telepractice program for the delivery of dysphagia rehabilitation	N/A
Clare Burns	Annie Hill (UQ), Liz Ward (CFAHR; UQ), Sanjeewa Kularatna (AushSI QUT)	Pilot trial of an integrated speech pathology telepractice service for dysphagia rehabilitation.	N/A
Ellie Minchell	Emma Finch (UQ), Anna Rumbach (UQ), <b>Clare Burns (Speech Pathology); Andrew Wong (Stroke)</b> ; Anna Farrell (PAH)	How does dysphagia present in the acute stage of stroke recovery post reperfusion therapies?	21
Jenny Blotteaux	<b>Clare Burns (SP)</b>	Adult Gender Speech Pathology Service: Comparing outcomes of in-person and telepractice service models	22
Penni Burfein	David Copland (UQ), Emmah Doig (SERA STARS; UQ), Tracy Roxbury (UQ), Jenny Strong (UQ), <b>Clare Burns (Speech Pathology)</b> , Kate Hacking (COH), Michaela Jackson (COH), Lauren Harris (Brighton BIS), Danielle McGovern (CBRT), Pauline Burge (CBRT), Michelle Slee (TPCH), Ann Finnimore (TPCH), Brooke Cowie (CBH), Wendy Luttrell (Redcliffe)	Return to work outcomes and experiences of stroke survivors with aphasia admitted to MNHHS facilities: A mixed-methods approach	0
Sarah Wilson	Clare Burns (Speech Pathology), Bena Brown (Metro South HHS; UQ)	Development of clinical and videofluoroscopic assessment tools for the evaluation of dysphagia following laryngectomy: An e-Delphi process	N/A
Shana Taubert	<b>Clare Burns (Speech Pathology)</b> , Liz Ward (CFAHR; UQ), <b>Lynell Bassett (Speech Pathology)</b>	Videofluoroscopic Swallow Study referral processes at RBWH	N/A

## Collaborative Research Activity Involving RBWH Department / Research Group

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Amber Jones (Occupational Therapy)	Perry Judd (Physiotherapy), Michelle Cottrell (Physiotherapy), <b>Clare Burns (Speech Pathology)</b> Anita Plaza (Physiotherapy) Andrea McKittrick (Occupational Therapy) Angela Chang (AHP), Hannah Carter (QUT)	The Royal Brisbane and Women's Hospital Allied Health TeleBurns Clinic: An implementation evaluation using the REAIM approach	N/A
Amber Jones (Occupational Therapy)	<b>Clare Burns (Speech Pathology)</b> Liz Ward (UQ)	Developing a telehealth model for the delivery of occupational therapy burn care	N/A
Amber Jones (Occupational Therapy)	<b>Clare Burns (Speech Pathology)</b> Liz Ward (UQ). <b>Jason Brown (Burns); Andrea McKittrick (Occupational Therapy)</b> Kerrie Christopher (Consumer)	Evaluation and enhancement of the RBWH Multidisciplinary Burns Telehealth Service (MDT TeleBurns)	6
Annie Hill (UQ)	<b>Clare Burns (Speech Pathology), Penni Burfein (Speech Pathology)</b> , and Dr Kana Appadurai (GARU) Genevieve Vuong (UQ), Jade Dignam (UQ), David Copland (UQ)	The usability, feasibility, acceptability and efficacy of providing a Comprehensive, High-dose Aphasia Treatment (CHAT) program via Telerehabilitation (TeleCHAT)	N/A
Chloe Smith (Speech Pathology COH)	<b>Clare Burns (Speech Pathology)</b> , Kate Hacking (COH)	Establishing a telehealth dysphagia assessment service within a community health setting	N/A

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
David Copland (UQ)	Teppo Särkämö (Uni of Helsinki), Marcus Meinzer (Universitätsmedizin Greifswald) Felicity Baker (Uni of Melb), Tracy Roxbury (UQ), Katie McMahon (QUT), Sarah Wallace (UQ), Lisa Anemaat (UQ), Andrew Wong (RBWH), <b>Clare Burns (RBWH Speech Pathology)</b> , <b>Penni Burfein (MNHHS Speech Pathology)</b> , Melissa Lawrie (GCUH), Rachel Wenke (GCUH), Rohan Grimley (SCUH), Jennie Lettieri (SCUH), Andrea Winters (SCUH), Julie Scott (SCUH), Rohan Walker (Uni of Newcastle), Sarah Medland (QIMR Berghofer), Jennifer Lee (UQ), Sandeep Bhuta (GCUH), Sonia Brownsett (UQ), Jessica Campbell (UQ), Bethany Best (UQ), Aleks Siivonen (Uni of Helsinki), Marie-Pier McSween (UQ), Jim Lagopoulos (SCUH), Brooke Cowie (MNHHS), Iain Borthwick (Caboolture Hospital), Kylie Short (MNHHS), Katrina Dunn (Ipswich Hospital), Juan Rois Gnecco (Ipswich Hospital), Keren Harvey (MNHHS) Kate Hacking (MNHHS), Kelly Andersen (Tweed Hospital), Cecilia Silva-Withmory (Tweed Hospital), Anna Farrell (PAH), Emma Finch (PAH), Kathy Clarke (PAH)	Aphasia recovery with Music exposure (AMP)	5
Kellie Hill (Pharmacy)	<b>Meghan Curren (Speech Pathology)</b> , <b>Rebecca Cremer (Speech Pathology)</b> , Karen Whitfield (Pharmacy), <b>Clare Burns (Speech Pathology)</b>	To investigate medication safety, administration techniques, and communication between healthcare professionals for patients with dysphagia	80
Laurie Wennerholm (White Plains Hospital New York, UQ)	<b>Clare Burns (Speech Pathology)</b> , Liz Ward (CFAHR/UQ)	Laryngectomy care pathways: Examining patient and clinician perspectives	N/A
Leonie Naumann (Physiotherapy)	Jennifer Paratz (Physiotherapy), Hildegard Reul-Hirche, Physiotherapy, Michelle Cottrell (Physiotherapy) <b>Clare Burns (Speech Pathology)</b> Anna Finnane (UQ), Tracy Comans (UQ), Trevor Russell (UQ)	A telehealth model for education and monitoring of early lymphoedema detection and shoulder dysfunction in patients after breast cancer surgery: A pilot cohort study	N/A
Liz Ward (CFAHR/UQ)	<b>Clare Burns (Speech Pathology)</b> , Laurie Wennerholm (White Plains Hospital New York, UQ)	Examining international laryngectomy care during the COVID-19 pandemic: Informing a consensus-driven pathway for speech language pathology management	N/A
Liz Ward (CFAHR/UQ)	Jasmine Jones (UQ), <b>Clare Burns (Speech Pathology)</b> Laurelie Wall (UQ), Rebecca Nund (UQ), Nicky Graham (QH), Wendy Comben (THHHS), Emily Missenden (NWHHS)	Enhancing Speech Pathology Workforce and Service Capabilities to Deliver Services to Patients with Head and Neck Cancer	N/A

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Liz Ward (CFAHR/UQ)	<b>Clare Burns (Speech Pathology)</b> , Kellie Hancock (PAH), Jenny Boxall (PAH), Rachelle Robinson (Prince of Wales Hospital), Molly Barnhart (Prince of Wales Hospital), Penny Stabler (Gold Coast University Hospital)	Changes in pulmonary outcomes of implementing a day and night regimen with heat and moisture exchangers (HMEs) and their adhesives	N/A
Marissa Ryan (PAH)	Christine Carrington (PAH), Liz Ward CFAHR/UQ), Centaine Snoswell (UQ), <b>Clare Burns (Speech Pathology)</b> Mhairi Mackinnon (PAH)	Development, implementation and evaluation of a Cancer Pharmacy Service for adult patients at the Princess Alexandra Hospital	N/A
Michelle Cottrell (Physiotherapy)	<b>Clare Burns (Speech Pathology)</b> , Amber Jones (Occupational Therapy), Adrienne Young (AHP), Sonia Sam (AHP), Mark Cruickshank (AHP), Kelsey Pateman (MNHHS)	Rapid implementation of telehealth in response to COVID-19: An evaluation of the Allied Health experience	N/A
Michelle Cottrell (Physiotherapy)	<b>Clare Burns (Speech Pathology)</b> , Amber Jones (Occupational Therapy), Adrienne Young (Nutrition and Dietetics), Gary Power (CAG), Anja Christoffersen (CAG), Linda Cuskelly (MN HEI), Peter Buttrum (RBWH AHP), Kate Dickson (RBWH SOPD), Emily Arthur (RBWH AHP), Peter Button (Consumer)	Partnering with consumers to optimize engagement with telehealth services within Metro North Health: an experience-based co-design approach	33
Min Mei POON (Singapore, UQ)	Liz Ward (CFAHR/UQ), <b>Clare Burns (Speech Pathology)</b>	Delivery of adult dysphagia services across the healthcare continuum in Singapore: Perspectives of healthcare service providers and consumers	N/A
Paola Incerti (National Acoustic Laboratories)	WaiKong Lai (NetSense), Karen Pedley (Attune), Grant Collins (Qld Vestibular), Janeen Jardine (Mater), Andrea Caposecco (Neurosensory), <b>Alice Pender (Audiology)</b> , Sreedevi Aithal (Townsville HHS), Nina Swiderski (SA Cochlear Implant Centre), Michelle Chacksfield (Royal Hobart Hospital), Madeline Bord (Cochlear Care Centre), Sylvia Tari (Royal Vic Eye & Ear Hospital), Angela Liew (Ear Science Institute), Dayse Tavola-Viera (Royal Perth Hospital, Royal Sir Charles Gairdner Hospital), Elizabeth Lockett (Amplify Hearing and Diagnostics)	Evaluating the clinical- and cost-effectiveness of upgrading cochlear implant sound processors	14



Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022
Sarah Wallace (UQ), Lisa Anemaat (UQ)	Victoria Palmer Uni of Melb), David Copland (UQ), <b>Clare Burns (Speech Pathology)</b> Ann Finnimore (TPCH), Brooke Cowie (Caboolture), Andrea Winters (SCUH), Karen Thea-Nicole Garrett (DDHHS), Karen Makkai (DDHS) Ms Emily Missenden (NWHHS) Ms Cara Probert (SWHHS) Ms Rukmani Rusch (Cairns HHS) Ms Wendy Luttrell (DDHHS), Ms Kate Hacking (MNHHS), Ms Kathy Clark (PAH), Ms Melissa Lawrie (GCUH), Dr Rachel Wenke (GCUH), Ms Kylie Short (STARS)	Co-design of the Queensland Aphasia Research Centre (Phase 1)	7

## Research Activity With a Specific Focus on First Nations People

Lead Investigator Name (RBWH staff in bold)	Other Study Investigators (RBWH staff in bold)	Research Project Title	Number of RBWH Patients Recruited in 2022	Total number of RBWH Patients Recruited
<b>Alice Pender</b>	Deborah Askew (UQ), Wayne Wilson (UQ), Philip Schluter (University of Canterbury), Roxanne Bainbridge (Cairns Institute), Geoff Spurling (UQ, Metro South HHS)	Hearing and ear-health in Aboriginal and Torres Strait Islander people aged 15 years and over: A scoping review	N/A	N/A
<b>Alice Pender</b>	Deborah Askew (UQ), Wayne Wilson (UQ), Philip Schluter (University of Canterbury), Roxanne Bainbridge (Cairns Institute), Geoff Spurling (UQ; Metro South HHS), Claudette "Sissy" Tyson (Metro South HHS)	Hearing and Hearing loss in Aboriginal and Torres Strait Islander adults – knowledge, perspectives, and attitudes.	N/A	N/A
<b>Alice Pender</b>	Deborah Askew (UQ), Wayne Wilson (UQ), Philip Schluter (University of Canterbury), Roxanne Bainbridge (Cairns Institute), Geoff Spurling (UQ; Metro South HHS), Claudette "Sissy" Tyson (Metro South HHS)	Self-reported hearing loss and follow-up care of Aboriginal and Torres Strait Islander adults in an urban setting	N/A	N/A

## Research Publications

### Authors

Investigator	ORCID ID
<b>Alice Pender</b>	<a href="https://orcid.org/0000-0002-5059-6143">https://orcid.org/0000-0002-5059-6143</a>
<b>Ann-Louise Spurgin</b>	<a href="https://orcid.org/0000-0001-7799-9703">https://orcid.org/0000-0001-7799-9703</a>

<b>Ashley Cameron</b>	<a href="https://orcid.org/0000-0003-1479-4334">https://orcid.org/0000-0003-1479-4334</a>
<b>Belinda Lehn</b>	<a href="https://orcid.org/0000-0001-8635-9417">https://orcid.org/0000-0001-8635-9417</a>
<b>Carla Rose</b>	<a href="https://orcid.org/0000-0003-3695-6728">https://orcid.org/0000-0003-3695-6728</a>
<b>Clare Burns</b>	<a href="https://orcid.org/0000-0002-9752-1739">https://orcid.org/0000-0002-9752-1739</a>
<b>Ellie Minchell</b>	<a href="https://orcid.org/0000-0002-6256-5707">https://orcid.org/0000-0002-6256-5707</a>
<b>Laura Moroney</b>	<a href="https://orcid.org/0000-0002-4320-907X">https://orcid.org/0000-0002-4320-907X</a>
<b>Leisa Turkington</b>	<a href="https://orcid.org/0000-0002-9330-0402">https://orcid.org/0000-0002-9330-0402</a>
<b>Lynell Bassett</b>	<a href="https://orcid.org/0000-0003-3591-7487">https://orcid.org/0000-0003-3591-7487</a>
<b>Penni Burfein</b>	<a href="https://orcid.org/0000-0002-1645-3990">https://orcid.org/0000-0002-1645-3990</a>
<b>Sarah Heaton</b>	<a href="https://orcid.org/0000-0003-3696-703X">https://orcid.org/0000-0003-3696-703X</a>
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## Publications in 2022

### Journal Articles (RBWH staff in bold)

Blake CL, Brown TE, Pelecanos A, **Moroney LB**, Helios J, Hughes BGM, et al. Enteral nutrition support and treatment toxicities in patients with head and neck cancer receiving definitive or adjuvant helical intensity-modulated radiotherapy with concurrent chemotherapy. *Head & neck*. 2022.

**Burns CL**, **Cottrell M**, **Jones A**, **Foley J**, **Rahmann A**, **Young A**, et al. Prioritising enhancements across allied health telehealth services in a metropolitan hospital: Using a concept mapping approach. *Journal of Telemedicine and Telecare*. 2022 Nov 8;28(10):740–9.

Daly LK, de Looze JWM, Forrestal DP, Wagels M, **Spurgin A-L**, **Hoey JD**, et al. 3D printing for respiratory physiotherapy: a tale of three disciplines. *Annals of 3D Printed Medicine*. 2023 Feb;9:100096.

Finch E, **Minchell E**, Cameron A, Jaques K, Lethlean J, Shah D, et al. What do stroke survivors want in stroke education and information provision in Australia? *Health & social care in the community*. 2022;30(6):e4864–e4872.

Finch E, **Minchell E**, Cameron A, Jaques K, Lethlean J, Shah D, et al. The use of augmented reality for patient and significant other stroke education: a feasibility study. *Brain impairment*. 2022;1–15.

Foley J, Ward EC, **Burns CL**, Nund RL, Wishart LR, Graham N, et al. Enhancing speech-language pathology head and neck cancer service provision in rural Australia: Using a plan, do, study, act approach. *International Journal of Speech-Language Pathology*. 2022 May 9;1–14.

Foley J, **Burns CL**, Ward EC, Nund RL, Wishart LR, Kenny LM, et al. Post-acute health care needs of people with head and neck cancer: Mapping health care services, experiences, and the impact of rurality. *Head & Neck*. 2022 Mar 23;44(6):1377–92.

Foley J, Nund RL, Ward EC, **Burns CL**, Wishart LR, Graham N, et al. Clinician and consumer perceptions of head and neck cancer services in rural areas: Implications for speech pathology service delivery. *Australian Journal of Rural Health*. 2022 Jan 22.

**Minchell E**, Rumbach A, Finch E. Speech-language pathologists' perspectives of dysphagia following reperfusion therapies: An Australian mixed-methods study. *International journal of speech language pathology*. 2022;ahead-of-print(ahead-of-print):1–13.

**Minchell E**, Rumbach A, Finch E. The effects of endovascular clot retrieval and thrombolysis on dysphagia in an Australian quaternary hospital: A retrospective review. *International journal of language & communication disorders*. 2022;57(1):128–37.

**Pender AM**, Wilson WJ, Bainbridge RG, Schluter PJ, Spurling GK, Askew DA. Ear and hearing health in Aboriginal and Torres Strait Islander people aged 15 years and older: A scoping review. *International Journal of Audiology*. 2022;1–11.

Ryan M, Ward EC, **Burns CL**, Carrington C, Cuff K, Mackinnon M, et al. An evaluation of telephone versus videoconference consults for pre-treatment medication history taking by cancer pharmacists. *Journal of Telemedicine and Telecare*. 2022 Nov 8;28(10):750–6.

**Taubert ST**, **Burns CL**, Ward EC, **Bassett L**. Evaluation of the implementation of a speech and language therapist-led referring model for VFSS using the Consolidated Framework for Implementation Research (CFIR). *International Journal of Language & Communication Disorders*. 2022 May 17.

**Taubert ST**, **Burns CL**, Ward EC, **Bassett L**. Implementation of a speech and language therapy-led referring model for videofluoroscopic swallow studies: An evaluation of service outcomes. *International Journal of Language & Communication Disorders*. 2022 Feb 9.

### Journal Articles (RBWH staff in bold)

Thomas EE, Taylor ML, Ward EC, Hwang R, Cook R, Ross J-A, et al. Beyond forced telehealth adoption: A framework to sustain telehealth among allied health services. *Journal of Telemedicine and Telecare*. 2022 Feb 7;1357633X2210744.

Ward EC, Raatz M, Marshall J, Wishart LR, **Burns CL**. Telepractice and Dysphagia Management: The Era of COVID-19 and Beyond. *Dysphagia*. 2022 Apr 15.

Zaga CJ, Berney S, Hepworth G, Cameron TS, **Baker S**, Giddings C, et al. Tracheostomy clinical practices and patient outcomes in three tertiary metropolitan hospitals in Australia. *Australian critical care*. 2022.

### Book Chapters (RBWH staff in bold)

Ward, E.C. & **Cameron A.E**. Telepractice in adult speech-language pathology during COVID-19. In: L Cummings editor. *COVID-19 and speech-language pathology*. New York: Routledge; 2022. p.181-197. <https://doi.org/10.4324/9781003257318>

### Keynote or Plenary Lectures given in 2022

Date	Title
<b>August 26-28 2022</b>	<b>Burns, C.L.</b> Session Chair – Functional Futures. <i>Australian and New Zealand Head and Neck Cancer Society 23<sup>rd</sup> Annual Scientific Meeting, August 26-28, 2022. Gold Coast, Australia</i>
<b>September 30 - October 2</b>	<b>Burns, C.L.</b> Invited presentation – Options of various TEP voice prostheses – Protocol, selection and evidence. <i>Tata Laryngectomy Rehabilitation Course, September 30 – October 2, 2022. Mumbai, India</i>
<b>September 30 - October 2</b>	<b>Burns, C.L.</b> Invited presentation – Telehealth service models to support laryngectomy management. <i>Tata Laryngectomy Rehabilitation Course, September 30 – October 2, 2022. Mumbai, India</i>