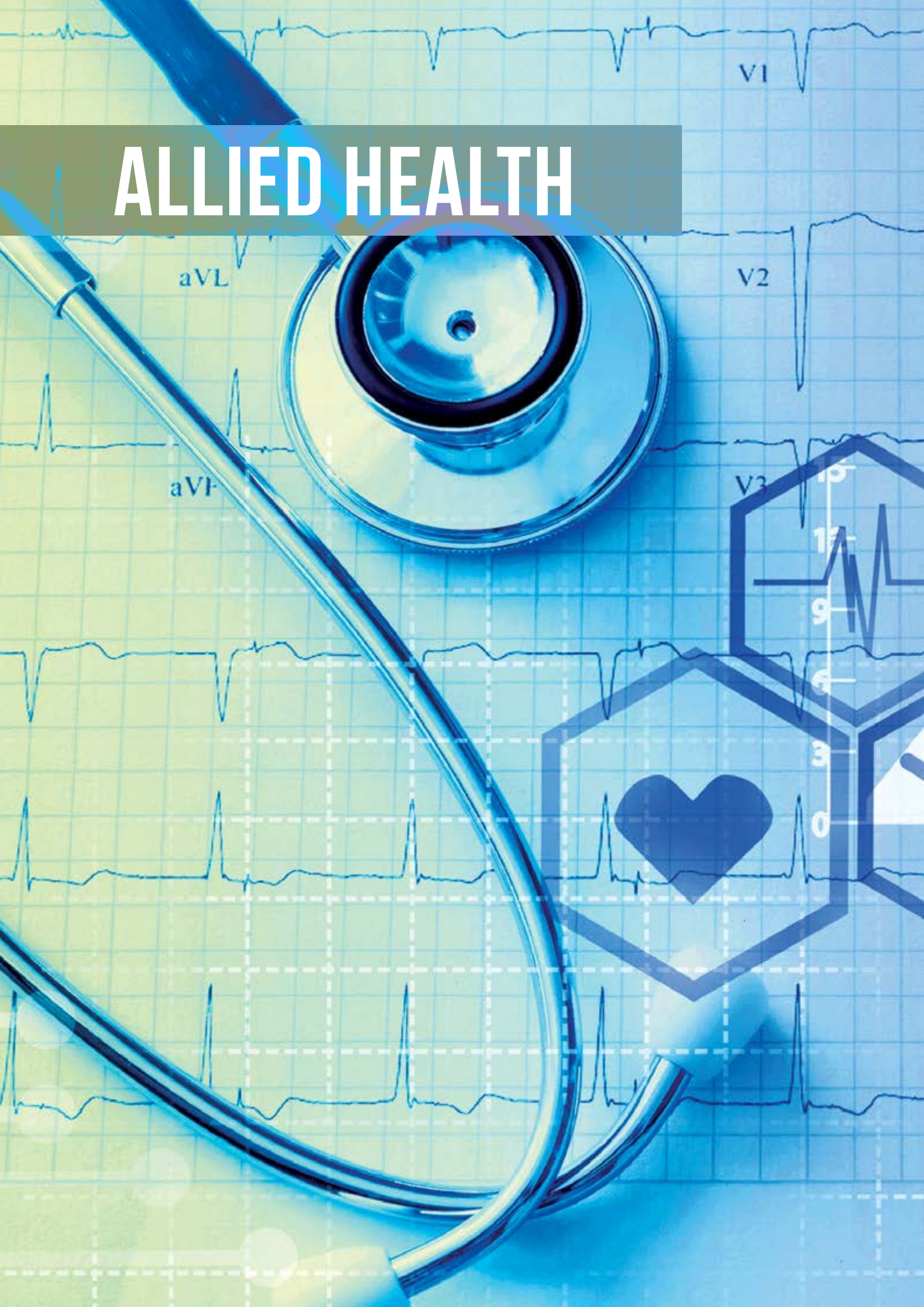


# ALLIED HEALTH



## Allied Health Professionals



**Mr Peter Buttrum**  
**Executive Director**  
Allied Health

The Allied Health Professions (AHP) service line comprises Audiology, Nutrition and Dietetics, Occupational Therapy, Orthotics and Prosthetics, Physiotherapy, Psychology, Rehabilitation Engineering, Social Work and Speech Pathology, as well as the Clinical Multimedia Unit. Aligned to the RBWH vision of being a world class academic health centre, Allied Health is committed to the integration of research within clinical care. This research investment, along with ongoing education, underpins the evidence base, effectiveness, and efficiency of our service delivery, and outcomes are aimed at transforming clinical service delivery within the rapidly changing healthcare environment.

Investment in supporting clinicians to undertake research as part of practice has been a cornerstone of Allied Health research capacity building both throughout Metro North and the RBWH over recent years. We have developed dedicated research capability across most disciplines providing practical support to clinicians in evaluating their everyday practice, resulting in improved patient care and important end user knowledge to the wider academic community. Currently there are 20 of our RBWH Allied Health Partitioners undertaking a research higher degree (RHD). Our experienced researchers are involved in the supervision of an additional 29 RHD students across multiple universities; many of these students undertaking vital research that contributes to enhanced service delivery and patient care. We had one clinician, Dr Peter Window, complete his PhD in 2018.

This investment has seen continued growth in a number of the Allied Health Research achievements. In 2018, AHP staff were successful in authoring 77 peer reviewed publications and attracting \$1.04M dollars in competitive grant funding. Additionally, staff presented over 82 presentations or posters at national and international conferences. Our staff were also recognised with 26 research awards, including the Health Services and Implementation Research Award (Physiotherapy Screening Clinic Research Team led by Maree Raymer) and Rising Star Award (Dr Nicole Andrews) in the 2018 MNHHS Research Excellence Awards, and Health Practitioner Researcher of the Year (Dr Adrienne Young) at the RBWH Research Symposium. We welcome Dr Young in her appointment as the AH Principal Research Fellow for 2019 and 2020, and would like to thank Dr Susan de Jersey for her valuable contribution in this role and leadership of the Allied Health research program in 2018.

In 2018 we commenced our research planning for the new Surgical Treatment and Rehabilitation Service (STaRS), and the primary partnership with the University of Queensland. We also appreciate and thank the contribution of all our university partners, without whom this level of research success would not be possible, and look forward to their ongoing collaboration. Finally, and most importantly, sincere thanks and congratulations are extended to all the Allied Health staff for their dedicated efforts and achievements in 2018.

## Centre for Allied Health Research

The Centre for Allied Health Research (CAHR) is a network of Allied Health clinician researchers with a focus on building capacity for high quality research and evaluation within everyday clinical practice. The vision is to facilitate advances to health care and service delivery that translate into improvements to patient outcomes. The team provide support to both experienced and novice clinicians in developing and implementing health services research and evaluation within their practice. A number of higher research degree students, often practicing clinicians are supervised.

In 2018, the CAHR staff established the RBWH Allied Health Quality and Research Advisory Group that aims to build capability and capacity for allied health quality improvement, research, evaluation and innovation within allied health staff and to increase communication and foster collaboration across allied health clinicians and across service lines. Some of the key achievements of this group included undertaking a baseline audit of time spent on research and understanding research capacity and culture of RBWH allied health staff. This has been used to develop a tailored strategy within each allied health team to build research capacity and address identified barriers. In addition, research resources and processes have been developed to streamline research and quality improvement documentation across allied health, increase awareness of existing software and equipment resources for research and provided a forum for peer review and feedback for clinician led quality improvement and research projects.

The CAHR agenda continues to grow in diversity and impact with a wide range of multidisciplinary health service collaborators and university partners.

### Supervised Post-Graduate Research Students

Name <i>(RBWH staff in bold)</i>	Current Studies <i>(e.g. PhD, Masters etc.)</i> University <i>(duration)</i>	Research Project Title	Supervisors <i>(RBWH staff in bold)</i>
Katrina Ridout	PhD, QUT (2016-2021)	Antenatal lifestyle intervention programs targeting healthy gestational weight gain and management: exploring the barriers and enablers to participation for women who are overweight or obese	<b>Susan de Jersey</b> , Danielle Gallegos, Shelley Wilkinson
<b>Carrie-Anne Lewis</b>	PhD, UQ (2016-2021)	Micronutrient and protein energy malnutrition outcomes in a bariatric surgery outpatient clinic	Ingrid Hickman, <b>Susan de Jersey</b> , Emma Osland
Nina Meloncelli	PhD, QUT (2016-2019)	Management of gestational diabetes: exploring practices, evidence base and models of care among the multidisciplinary team	<b>Susan de Jersey</b> , Adrian Barnett

### 2018 Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions

Name	Type of Fellowship	Research Program	University <i>(years)</i>
Angela Chang	Research Coordinator Honorary Senior Lecturer	Centre for Allied Health Research School of Health and Rehabilitation Sciences	2016 – current UQ (2018-2021)
Peter Buttrum	Adjunct Associate Professor	School of Health and Rehabilitation Sciences	UQ (2016 – current)
Susan de Jersey	Principal Research Fellow	Centre for Allied Health Research	2017-2019
Susan de Jersey	Visiting Research Fellow	Preventing and managing lifestyle chronic disease in women and children	Queensland University of Technology (2013 – current)

## 2018 Current RBWH Research Group / Department Led Research Activity

RBWH Research Group/Department Lead Researchers	Collaborative Researchers	Research Project Title
<b>Angela Chang</b>	Anna Farrell, Merrilyn Banks (Nutrition and Dietetics), <b>Peter Buttrum</b>	How much time do allied health clinicians spend undertaking research?
<b>Angela Chang</b>	<b>Susan de Jersey</b> , Anna Farrell (Speech Pathology), Jenny Strong (Occupational Therapy), Adrienne Young (Nutrition and Dietetics), Gai Harrison (Social Work), Jennifer Paratz (Physiotherapy), <b>Peter Buttrum</b> , Merrilyn Banks (Research)	Understanding research capacity and outputs in allied health workforce at RBWH
<b>Susan de Jersey</b>	Leonie Callaway (UQ, WNBS), Lynda Ross (Griffith Uni), Taylor Guthrie (Nutrition and Dietetics), Jeanette Tyler (Women's and Newborn), Nickie Moreton, (Women's and Newborn), Karen New (UQ, Women's and Newborn), Janelle Laws (Women's and Newborn)	Evaluation of workforce training to support Healthy Pregnancy Healthy Baby
<b>Susan de Jersey</b>	Leonie Callaway (UQ, WNBS), Taylor Guthrie (Nutrition and Dietetics), Jeanette Tyler (Women's and Newborn), Nickie Moreton (Women's and Newborn), Karen New (UQ, Women's and Newborn)	Efficacy of a low intensity consumer held pregnancy weight monitoring tool to prevent excess gestational weight gain
<b>Susan de Jersey</b>	Elizabeth Eakin (UQ, SPH), Shelley Wilkinson (Mater), Tracy Comans (CAHR), Leonie Callaway (UQ, WNBS), Claire Gardiner (Nutrition and Dietetics), Taylor Guthrie (Nutrition and Dietetics), Hilary Jimmieson (Nutrition and Dietetics), <b>Angela Chang</b>	Implementation evaluation of a telephone-delivered dietetic model of care for overweight pregnant women
<b>Susan de Jersey</b>	Natasha Lorenzen, Taylor Guthrie (Nutrition and Dietetics)	Gestational Diabetes Service Nutrition Practice Guidelines and Outcomes clinical audit
<b>Susan de Jersey</b>	Kimberley Mallan (ACU), Lynne Daniels (QUT), Rebecca Byrne (QUT)	New Beginnings Healthy Mothers and Babies Study: long-term Follow-up

## 2018 Collaborative Research Activity involving RBWH Research Group/Department

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Alice Pender (Audiology)	Carla Rose (Audiology), <b>Angela Chang</b> , Tracy Comans (UQ)	Patient outcomes following cochlear implant surgery
Carla Rose (Audiology)	Alice Pender (Audiology), <b>Angela Chang</b> , Tracy Comans (UQ)	Using telehealth to manage patients following cochlear implant surgery
Carrie-Anne Lewis (Nutrition and Dietetics)	Ingrid Hickman (PAH), <b>Susan de Jersey</b> , Emma Osland, Siobhan Wallin, 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
Claire Dux (Nutrition and Dietetics)	<b>Susan de Jersey</b> , Emma Osland, Sandra Heaydon (Surgery), Lindy Jeffree (Surgery)	Evaluation of the Transition Feeding Pathway on the Neurosurgery Ward
Genesta Nicolson (Psychology)	<b>Angela Chang</b>	Implementing an evidence-based multidisciplinary pre-medical group education day for non-urgent referrals to the Professor Tess Cramond Multidisciplinary Pain Centre
Helen Barrett (UQ, Mater Health Services)	Marloes Dekker (UQ), H David McIntyre (Mater and UQ), Michael d'Emden, Leonie Callaway, <b>Susan de Jersey</b>	Post prandial triglycerides in diabetes in pregnancy: a pilot study
Hilary Powlesland (Nutrition and Dietetics)	Clare Byrne, <b>Susan de Jersey</b>	Evaluation of the New Beginnings program
Jane Musial (Nutrition and Dietetics)	Mary Hannan-Jones (Nutrition and Dietetics), Adrienne Young (Nutrition and Dietetics), <b>Susan de Jersey</b> , Bonnie Lau, Robbie Mullins	Evaluation of combined QUT-RBWH diabetes clinic-patient and service outcomes
Kate Morgan (Nutrition and Dietetics)	Adrienne Young, <b>Susan de Jersey</b> , Belinda Mason	Evaluation of nutrition and dietetics services to in-centre haemodialysis patients

## 2018 Collaborative Research Activity involving RBWH Research Group/Department (cont)

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Maree Raymer (Physiotherapy)	Patrick Swete Kelly (Physiotherapy), Louise Wellington (Physiotherapy), <b>Angela Chang</b>	Consultation process to facilitate the development and trial of a workforce development pathway to support advanced musculoskeletal physiotherapy (AMP) roles
Maree Raymer (Physiotherapy)	<b>Nicole Moretto, Angela Chang</b> , Shaun O'Leary (Physiotherapy), Lachlan Standfield (Griffith University), Tracy Comans (UQ)	Implementing economic modelling to improve service planning in Specialist Orthopaedic and Neurosurgical Outpatient Services within Cairns and Hinterland, Gold Coast and West Moreton Hospital and Health Services (Background data collection)
Maree Raymer (Physiotherapy)	<b>Angela Chang</b> , Shaun O'Leary (Physiotherapy), <b>Nicole Moretto</b> , Tracy Comans (UQ), Sonya Osborne (AusHSI), Hannah Carter (AusHSI), Dean Blond (Gold Coast), Tania Cavanagh (Cairns and Hinterland), David Smith (West Moreton)	Implementing simulation modelling to improve service planning in Specialist Orthopaedic and Neurosurgical Outpatient services in the Cairns and Hinterland, Gold Coast and West Moreton Hospital and Health Services (Implementation evaluation)
Matthew Leong (Thoracic Medicine)	Michael Brown (Thoracic Medicine), Dinithi Samaratunga (Thoracic Medicine), <b>Angela Chang</b>	Encouraging Nasal/nasal pillow masks during initial titration reduces recommended CPAP pressures and improves titration outcomes
Michelle Palmer (MSHHS)	Helen Porteous (MSHHS), <b>Susan de Jersey</b>	Attendance rates and demographic descriptors of obese women referred to the dietitian for weight management advice during pregnancy
Michelle Stute (Allied Health, MNHHS)	<b>Peter Buttrum</b> , Merrillyn Banks (Research), Maree Raymer (Physiotherapy), Tracy Comans (UQ), Sonia Sam (Allied Health MNHHS), Nicole Moretto (Allied Health MNHHS), Marita Plunkett (Allied Health)	Allied Health Specialist Clinics Project
Nina Melloncelli (SCHHS, QUT)	<b>Susan de Jersey</b> , Adrian Barnett (QUT)	Examining the management of gestational diabetes mellitus
Nina Melloncelli (SCHHS, QUT)	<b>Susan de Jersey</b> , Adrian Barnett (QUT)	Evaluation of a dietitian-led model of care in low risk gestational diabetes pregnancies
Perry Judd (PT)	Paula Easton (Mackay Base Hospital), Michelle Cottrell (PT), <b>Angela Chang</b>	An audit of two methods of service delivery for Orthopaedic Physiotherapy Screening Clinic (OPSC) Assessments between RBWH and Mackay Hospital
Suzanne McGavin (Nuclear Medicine)	Toni Halligan (Medical Radiation Professionals), Travis Pearson (Nuclear Medicine), <b>Angela Chang</b>	Ultrasound guided radioisotope injections in Lymphoscintigraphy administered by Nuclear Medicine Scientists

## 2018 Research Awards and Achievements

Recipient	Award	Event
Maree Raymer (Physiotherapy), Shaun O'Leary (Physiotherapy), Tracy Comans (UQ), <b>Angela Chang</b> , <b>Nicole Moretto</b> , Lachlan Standfield (Griffith)	Health Services and Implementation Research Award	MNHHS 2018 Research Excellence Awards
<b>Susan de Jersey</b> , Jeanette Tyler (WNBS), Taylor Guthrie, Karen New (UQ), Lynne Beutow (WNBS), Clare Byrne, Hilary Powlesland, Marie Greco	Overall Customer Focus Award	2018 RBWH QuARRIES Award
<b>Susan de Jersey</b> , Taylor Guthrie	Best Allied Health Poster	Australasian Diabetes in Pregnancy Society Conference, 24-26 August 2018

## 2018 Research Grants – Awarded

Investigators (RBWH staff in bold)	RBWH Research Groups/ Departments	Project Title	Granting Body	Amount in 2018	Total Amount (years)
<b>Susan de Jersey</b> , Elizabeth Eakin, Shelley Wilkinson, Tracey Comans, Leonie Callaway, Claire Gardiner	Dept of Nutrition and Dietetics, Obstetric Medicine, Centre for Allied Health Research	Implementation evaluation of a telephone-delivered dietetic model of care for overweight pregnant women	RBWH Foundation	\$32,520	\$39,024 (2017-2018)
Nina Meloncelli (SCHHS, QUT), <b>Susan de Jersey</b> , Adrian Barnett (QUT), Rachel Hayes (SCHHS), Elise Gilberston (SCHHS), Michelle Mack (SCHHS), Rebekah Shakhovskoy (SCHHS), Sophie Poulter (SCHHS)	Nutrition and Dietetics Researchers	Evaluation of a dietitian-led model of care in low risk gestational diabetes pregnancies	Health Practitioners Research Scheme Grant	\$14,818	\$29,636 (2018-2019)

## 2018 Research Publications

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### Journal Articles:

1. **De Jersey S**, Guthrie T, Tyler J, Ling WY, Powlesland H, Byrne C, et al. Evaluating the integration of a pregnancy weight gain chart into routine antenatal care: a mixed method study design. *Maternal and Child Nutrition*. 2018:e12750
2. **De Jersey SJ**, Tyler J, Guthrie T, New K. Supporting healthy weight gain and management in pregnancy; does a mandatory training education session improve knowledge and confidence of midwives? *Midwifery*. 2018. doi: 10.1016/j.midw.2018.06.025
3. Lewis C-A, **De Jersey S**, Hopkins G, Hickman I, Osland E. Does Bariatric Surgery Cause Vitamin A, B1, C or E Deficiency? A Systematic Review. *Obesity surgery*. 2018:1-18
4. Mallan KM, Daniels LA, Byrne R, **De Jersey SJ**. Comparing barriers to breastfeeding success in the first month for non-overweight and overweight women. *BMC Pregnancy and Childbirth*. 2018;18(1):461
5. Meloncelli N, Barnett A, Pelly F, **De Jersey S**. Diagnosis and management practices for gestational diabetes mellitus in Australia: cross-sectional survey of the multidisciplinary team. *Australian and New Zealand Journal of Obstetrics and Gynaecology*. 2018. doi: 10.1111/ajo.12816
6. Young AM, **De Jersey SJ**, Ellick J, Lewis C-A, Banks M. Comparison of Patient Food Intake, Satisfaction and Meal Quality Between Two Meal Service Styles in a Geriatric Inpatient Unit. *Journal of Nutrition in Gerontology and Geriatrics*. 2018:1-11.

## 2018 Conference Presentations – Invited Speaker, Oral and Poster

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### Invited Speaker:

1. **De Jersey S**. Prevention of obesity in the reproductive years – opportunities abound. National Eating Disorders and Obesity Conference. Tweed Heads September 2018
2. **De Jersey S**. Searching for utopia: defined dietary prescription and medical nutrition therapy for gestational diabetes management. Australasian Diabetes in Pregnancy Society, Adelaide. August 2018.

### Oral Presentation:

1. Chui Lim S, Dux C, Jeffree R, Heaydon S, **De Jersey S**. Transition feeding protocol in the neurosurgery ward: a pre- and post-implementation evaluation of patients' nutrition outcomes, dietetic efficiency and nursing staff's knowledge, attitudes and practices. Dietitians Association of Australia. May 2018
2. **De Jersey S**, Guthrie T, Callaway L, Tyler J, New K. Successful changes to practice following a dietetic lead service wide implementation strategy supporting health weight gain in pregnancy. Dietitians Association of Australia. May 2018
3. Guthrie T, Byrne C, New K, Tyler J, **De Jersey S**. Women's perceptions of a pregnancy weight gain chart to support healthy weight gain in pregnancy. Dietitians Association of Australia. May 2018
4. Kukulies D, Gallegos D, **De Jersey S**, Tran CQ, Phan THT, Vo DT, Do, DNT, Hannan-Jones M. Excess gestational weight gain is an issue in Ho Chi Minh City, Viet Nam. The 7th Asian Congress of Dietetics. Hung Hom, Hong Kong, July 2018
5. Lewis, C. **De Jersey S**, Osland E, Musial J, Hopkins G, Hickman I. Considerations for micronutrient assessment in bariatric surgery. Australia and New Zealand Metabolic and Obesity Surgery Society Conference, Melbourne. September 2018
6. Miller N, Mallan K, Byrne R, **De Jersey S** and Daniels L. Like mother like child? Maternal Feeding Practices Mediate the Relationship Between Mother and Child Eating Behaviours. National Eating Disorders and Obesity Conference. Tweed Heads September 2018
7. Powlesland H, Yin Ling W, Tyler J, New K, **De Jersey S**. Staff attitudes and practices to support healthy pregnancy weight gain following the implementation of service-wide education and routine weight tracking. Dietitians Association of Australia. May 2018
8. Raymer M, Moretto N, Comans T, Knowles D, **Chang A**, O'Leary S, Osborne S, Carter H, Smith D, Cavanagh T, Blond D. Health service planning for the future: Using simulation modelling to bridge the gap in overburdened specialist outpatient service planning. 42<sup>nd</sup> World Hospital Congress, Brisbane. October 2018.

### Poster Presentation:

1. Barrett HL, Dekker Nitert M, **De Jersey SJ**, Callaway LK, D'Emden M, McIntyre HD. Maternal postprandial triglycerides following high and low fat meals in the home setting. American Diabetes Association's 78<sup>th</sup> Scientific Sessions, June 22-26, 2018 Orlando, Florida USA
2. **De Jersey S**, Guthrie T, Liow HS, Lorenzen N. Increased resources for GDM improved access to best practice dietetic care. Australasian Diabetes in Pregnancy Society, Adelaide. August 2018
3. Leong M, Brown M, Samarutunga D, **Chang AT**. Encouraging nasal / nasal pillow masks during initial titration reduces recommended CPAP levels and improves CAPA titration outcomes. Sleep DownUnder, Australasian Sleep Association Conference, Brisbane October 2018
4. Meloncelli N, Barnett, A, **De Jersey S**. A cross-sectional survey of gestational diabetes management in Queensland. Australasian Diabetes in Pregnancy Society Annual Scientific Meeting, Adelaide, August 2018.

## Other Communications and Outputs:

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Susan de Jersey      How to Treat: gestational diabetes mellitus. *Australian Doctor*, p17-24, June 22, 2018.

## Nutrition and Dietetics

### Research vision:

Our research vision is to be leaders in nutrition and dietetic research, with the overall aim of providing excellent and evidence-based services for the RBWH community. This is achieved through developing capacity within the department to support all dietitians to engage in research and evaluation, and building networks with researchers across RBWH, Metro North HHS and academic partners.

We aim to improve the nutrition and health of our patients through knowledge generation and translation to ensure delivery of evidence-based nutrition care. Our research has led to implementation of programs to prevent and treat malnutrition and pressure injuries across Queensland hospitals; proactive pre-treatment nutrition support for patients undergoing treatment for head and neck cancer; and changes to routine antenatal care that has seen a reduction in the proportion of women gaining excess weight in pregnancy, preventing future chronic disease in both the women and their children.

### Highlights of 2018:

#### **RBWH Nutrition and Dietetics department has had one of its strongest years in research and innovation yet:**

- 14 awards, including Highly Commended in the Health Services and Implementation and Complex Health Challenges categories at the MNHHS Research Excellence awards; four conference prizes and two RBWH QuARRIE awards
- 32 peer-reviewed publications (including 19 first author publication) and one invited book chapter
- 25 oral conference presentations at national and international conferences
- More than \$675,000 in competitive research grants and scholarships, with 85% of these grants having a RBWH dietitian named as Chief Investigator
- Clinician-researchers Angela Byrnes and Kylie Matthews each submitted their PhD theses for examination, with a further five RBWH clinical dietitians currently undertaking a PhD.



## Supervised Post-Graduate Research Students

Name <i>(RBWH staff in bold)</i>	Current Studies <i>(e.g. PhD, Masters etc.)</i> University <i>(duration)</i>	Research Project Title	Supervisors <i>(RBWH staff in bold)</i>
<b>Abigail Marsh</b>	PhD, UQ (2018-2024)	The effects of an anti-inflammatory diet on disease activity, symptom severity and microbiota profile in patients with inflammatory bowel disease	<b>Merrilyn Banks,</b> Graham Radford-Smith, Veronique Chachay
Alvin Wong	PhD, UQ (2016-2018) <i>Conferred 2018</i>	Cost effectiveness of nutrition support services	<b>Merrilyn Banks,</b> Judy Bauer
<b>Angela Byrnes</b>	PhD, UQ (2015-2018) <i>Thesis submitted</i>	Nutritional care and status of older surgical patients	Judy Bauer, <b>Adrienne Young,</b> <b>Merrilyn Banks,</b> Alison Mudge
<b>Carrie-Anne Lewis</b>	PhD, UQ (2016-2021)	Micronutrient and protein energy malnutrition outcomes in a bariatric surgery outpatient clinic	Ingrid Hickman, <b>Susan de Jersey,</b> <b>Emma Osland</b>
Claire Nelson	PhD, QUT (2014-2019)	Investigation of nutrition status of community adults with lower leg wounds	<b>Merrilyn Banks,</b> <b>Mary Hannan-Jones,</b> Kathleen Findlayson
<b>Emilie Croisier</b>	PhD, UQ (2018-2021)	Nutritional outcomes of gynaecology patients undergoing pelvic radiotherapy: understanding the patient experience and dietary recommendations for symptom management	Judy Bauer, <b>Teresa Brown</b>
Joanna McCormack	PhD, GU (2018-2022)	How are food service dietitians learning about environmental sustainability: a qualitative systematic protocol	Christy Noble, Lynda Ross, Andrea Bialocerkowski, <b>Denise Cruickshank</b>
<b>Joanne Hiatt</b>	PhD, UQ (2017-2023)	Nutrition throughout head and neck cancer treatment: patient experience and adherence, barriers and enablers to enteral feeding recommendations	<b>Merrilyn Banks,</b> <b>Teresa Brown,</b> Judy Bauer
Katrina Ridout	PhD, QUT (2016-2021)	Antenatal lifestyle intervention programs targeting healthy gestational weight gain and management: exploring the barriers and enablers to participation for women who are overweight or obese	<b>Susan de Jersey,</b> Danielle Gallegos, Shelley Wilkinson
<b>Kylie Matthews</b>	PhD, UQ (2015-2018) <i>Thesis submitted</i>	Refeeding syndrome in acute care: is there a dietetics role?	Sandra Capra, Michelle Palmer, Veronique Chachay
Nerida Hart	PhD, QUT (2015-2018)	What makes a quality hospital foodservice?	<b>Mary Hannan-Jones,</b> <b>Merrilyn Banks</b>
Nina Meloncelli	PhD, QUT (2016-2019)	Management of gestational diabetes: exploring practices, evidence base and models of care among the multidisciplinary team	<b>Susan de Jersey,</b> Adrian Barnett
Quoc Quong Tran	PhD, QUT (2014-2018) <i>Thesis submitted</i>	Nutritional status of patients in Vietnamese hospitals	Danielle Gallegos, <b>Merrilyn Banks,</b> <b>Mary Hannan-Jones</b>
<b>Sarah Andersen</b>	PhD, UQ (2015-2019)	Investigating nutrition support during allogeneic stem cell transplantation	Judy Bauer, <b>Merrilyn Banks,</b> Olivia Wright
Simone Faulkner	PhD, QUT (2018-2020)	Nutritional status in people with Motor Neurone Disease	Peter Collins, <b>Merrilyn Banks</b>



## 2018 Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions

Name	Type of Fellowship	Research Program	University (years)
Adrienne Young	Research Coordinator, Adjunct Assoc Professor	Nutrition in older adults and hospital inpatients	Queensland University of Technology (2013 – current)
Lynda Ross	Visiting Fellow	Healthy Eating and Lifestyle Program (HELP) intervention evaluation and follow up	Griffith University (2014 – current)
Mary Hannan-Jones	Honorary Research Fellow	Improving quality of Food Services	Senior Lecturer, Queensland University of Technology (2014 – current)
Merrilyn Banks	Adjunct Assoc Professor	Efficacy and cost effectiveness of nutrition in healing pressure ulcers	Queensland University of Technology (2012 – current) University of Queensland (2012 – current)
Susan de Jersey	Research Coordinator, Visiting Research Fellow	Preventing and managing lifestyle chronic disease in women and children	Queensland University of Technology (2013 – current)
Teresa Brown	Research Coordinator, Associate Lecturer	Nutrition in cancer care	University of Queensland (2018 – current)

## 2018 Current RBWH Research Group / Department Led Research Activity

RBWH Research Group/Department Lead Researchers	Collaborative Researchers	Research Project Title
Abigail Marsh	<b>Jessica Kinneally</b> , Tayla Robertson (PAH), <b>Adrienne Young</b> , Graham Radford Smith (Gastroenterology), Anna McMahon (Gastroenterology), Karen Sewell (Gastroenterology), Larissa McKInnon (Gastroenterology)	Nutritional Status, Nutrition Impact Symptoms, and Food Avoidance Behaviours in Patients with Inflammatory Bowel Disease
Abigail Marsh	<b>Merrilyn Banks</b> , Graham Radford Smith (Gastroenterology), Veronique Chachay (UQ)	Cross sectional analysis of dietary intake of patients attending the RBWH IBD outpatient clinics: how does their diet compare to Mediterranean diet?
Adrienne Young	<b>Carrie-Anne Lewis</b> , <b>Merrilyn Banks</b> , Theresa Pen Yei Kwek (QUT), Ka Man Lau (QUT)	Evaluation of the impact of the Seven Day Nutrition Action Care plan on nutritional intake and care practices
Adrienne Young	<b>Merrilyn Banks</b> , Tayla Robertson (PAH), <b>Jo Hiatt</b> , <b>Kate Morgan</b> , Danielle Gallegos (QUT), <b>Angela Byrnes</b>	Nutritional care in hospital: what is the patient experience?
Adrienne Young	<b>Angela Byrnes</b> , <b>Carrie-Anne Lewis</b> , <b>Cindy Jennings</b> , Zoe Walsh (CISS)	Observation of mealtime care practices and nutritional intake for sub-acute older inpatients (2014-current)
Adrienne Young	<b>Claire Dux</b> , Gai Harrison (Social Work), <b>Maria Walls</b> , <b>Rachana Naidu</b> , <b>Raje Badwa</b> , <b>Jess Fry</b> , <b>Liliana Zapta</b> , <b>Carrie-Anne Lewis</b> , <b>Merrilyn Banks</b>	Evaluation of the value of dietetic assistant (DA) role from the DA, patient and staff perspective
Adrienne Young	Xuan Wang (QUT), <b>Cassie Hoole</b> , <b>Rebecca Fichera</b>	Patient involvement in dietetic care: description of current practice
Adrienne Young	Mikaela Wheeler (UQ), <b>Angela Byrnes</b> , Alison Mudge (IMS)	Co-designing a project to explore patient mealtime environments and experience
Adrienne Young	Xuan Wang (QUT), <b>Cassie Hoole</b> , <b>Rebecca Fichera</b>	Consumer engagement – patient expectations of the inpatient dietetic consultation
Ally di Bella	<b>Merrilyn Banks</b> , Tracy Comans (UQ), Ingrid Hickman (PAH), Donna Hickman (TPCH), <b>Adrienne Young</b>	Prevalence and impact of obesity in acute hospital setting
Ally di Bella	Winnie Soo Yii Tan (QUT), <b>Merrilyn Banks</b> , Tracy Comans (UQ), Ingrid Hickman (PAH), Donna Hickman (TPCH), <b>Adrienne Young</b>	Cost of obesity in the acute hospital setting
Amanda Watt	<b>Emma Osland</b> , Craig Harris (Surgery), David Taylor (Surgery), <b>Adrienne Young</b>	Examination of nutrition care and support practices for patients having pelvic exenteration surgery
Angela Byrnes	<b>Adrienne Young</b> , <b>Merrilyn Banks</b> , Alison Mudge (IMS), Judy Bauer (UQ)	Investigating the nutritional status and care of older (≥65 years) patients on two general surgical wards: a multiphase, action research study

## 2018 Current RBWH Research Group / Department Led Research Activity (cont)

RBWH Research Group/Department Lead Researchers	Collaborative Researchers	Research Project Title
Angela Byrnes	<b>Amanda Watt, Siobhan Wallin, Adrienne Young</b>	ERAS in surgical wards: audit of current practice to inform improvement of perioperative nutrition care
Angela Byrnes	Mikeala Wheeler (UQ), <b>Adrienne Young, Amanda Watt</b> , Judy Bauer (UQ)	Exploring patient's experience of perioperative nutrition education and care when undergoing elective colorectal surgery
Carrie-Anne Lewis	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
Cassie Hoole	Ka Man Lau (QUT), <b>Adrienne Young, Clare Byrne, Claire Dux</b>	Evaluation of the impact of the Nutrition Monitoring and Action Form on nutritional intake and care practices
Christine Eadeh		Evaluation of Patient outcomes from the Dietitian First Gastroenterology Clinic
Cindy Jennings	<b>Adrienne Young</b>	Validity of the FIM in determining risk of malnutrition and nutritional decline during inpatient rehabilitation admission
Claire Blake	<b>Teresa Brown</b> Rainbow Lai (UQ), Laura Moroney (SP), Jennifer Helios (SP), Brett Hughes (Cancer Care), Liz Kenny (Cancer Care), Anita Pelecanos (QIMR), Judy Bauer (UQ)	Nutrition outcomes and toxicities from tomotherapy in head and neck cancer patients
Claire Blake	<b>Teresa Brown</b> , Laura Moroney (SP), Jennifer Helios (SP), Brett Hughes (Cancer Care), Liz Kenny (Cancer Care), Anita Pelecanos (QIMR)	Enteral Nutrition outcomes and toxicities from tomotherapy in head and neck cancer patients
Claire Blake	<b>Merrilyn Banks</b> , Mark Appleyard (Gastroenterology)	Cost effectiveness of Dietitian-led PEG service
Claire Blake	<b>Teresa Brown</b>	Evaluation of pre-treatment model of care in patients with head and neck cancer
Claire Blake	<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
Claire Blake, Emma Osland	Kay Lasenby (Gastroenterology)	Service evaluation of the management of complex nutrition patients (PEN PALS Project)
Claire Dux	<b>Susan de Jersey, Emma Osland</b> , Sandra Heaydon (Surgery), Lindy Jeffree (Surgery), ShuChui (Amanda) Lim (QUT)	Evaluation of the Transition Feeding Pathway on the Neurosurgery Ward
Claire Dux		Feed interruptions in ICU and impact on nutritional intake
Denise Cruickshank	Mary Hannan-Jones	Proportional Length of Stay Patterns in Queensland Health Facilities: review of QH Nutrition Standards for Meals and Menus
Denise Cruickshank	Mary Hannan-Jones	Review of the Implementation of the Queensland Health Nutrition Standards for Meals and Menus across Health and Hospital Services
Emma Osland	<b>Carrie-Anne Lewis</b> , Jacobus Ungerer (Qld Path), Sandra Klingberg (Qld Path)	Audit of micronutrient requesting practices at the RBWH
Harriet Adsett	<b>Adrienne Young, Tenielle Hamlin</b>	Exploring patient perceptions and experiences of mealtimes and communal dining room in the GEM unit
Hilary Powlesland	<b>Clare Byrne, Susan de Jersey</b>	Evaluation of the New Beginnings program
Hilary Powlesland	<b>Belinda Mason, Adrienne Young</b> , Lynda Ross, Adrian Kark, Riley O'Donohue	New Group Model of Care for low salt dietary education for Chronic Kidney Disease patients
Jane Musial	<b>Mary Hannan-Jones, Adrienne Young, Susan de Jersey</b> , Bonnie Lau, Chelsea Allport, Robbie Mullins, <b>Andrea Cawte</b>	Evaluation of combined QUT-RBWH diabetes clinic – patient and service outcomes

## 2018 Current RBWH Research Group / Department Led Research Activity (cont)

RBWH Research Group/Department Lead Researchers	Collaborative Researchers	Research Project Title
Jen Ellick	<b>Christine Eadeh, Michaela Hatzirodos, Claire Dux, Merrilyn Banks, Adrienne Young</b>	Evaluation of the implementation of Delegate electronic patient meal management system
Joanne Hiatt	<b>Teresa Brown, Merrilyn Banks,</b> Judy Bauer (UQ)	Patient Experience of Nutrition Care across three treatment modalities for the management of head and neck cancer
Kate Morgan	<b>Adrienne Young, Susan de Jersey, Belinda Mason</b>	Evaluation of nutrition and dietetics services to in-centre haemodialysis patients
Lynda Ross	Paula MacDermott, Chris Chapman-Kiddell, Anita Pelecanos (QIMR), Graham Radford-Smith (Gastroenterology)	Is there any correlation between dietary patterns in Inflammatory Bowel Disorder and genetics pre-diagnosis?
Margot Leeson-Smith	<b>Adrienne Young,</b> Rebecca Smith (TPCH) Juliette Mahero (TPCH), Chloe Jarvis (Redcliffe), Stacey O'Donnell (Caboolture), Anna Farrell (Speech Pathology), Teri Green (QUT), Andrew Wong (Neurology)	Implementation evaluation of an acute stroke nutrition support pathway across Metro North HHS
Robin Hay		Evaluation of Healthy Eating and Lifestyle Program (HELP) telehealth clinic
Samantha Olenski	<b>Adrienne Young,</b> Ingrid Hickman (PAH), Shelley Wilkinson (Mater)	Translating research into practice – a training needs assessment of Queensland dietitians
Sarah Andersen	<b>Merrilyn Banks,</b> Glen Kennedy (Cancer Care), <b>Teresa Brown,</b> Nicholas Weber (Cancer Care), Judy Bauer (UQ)	Does early proactive enteral nutrition improve outcomes post allogeneic stem cell transplantation – a randomized comparison to standard care
Sarah Andersen	<b>Merrilyn Banks,</b> Glen Kennedy (Cancer Care), <b>Teresa Brown,</b> Nicholas Weber (Cancer Care), Judy Bauer (UQ)	Investigating the effect of enteral and parenteral nutrition on the gastrointestinal microbiome post allogeneic transplantation
Sarah Andersen	<b>Merrilyn Banks,</b> Glen Kennedy (Cancer Care), <b>Teresa Brown,</b> Nicholas Weber (Cancer Care), Judy Bauer (UQ)	Staff perceptions, barriers and enablers to enteral feeding during allogeneic stem cell transplantation
Sarah Andersen	<b>Merrilyn Banks,</b> Glen Kennedy (Cancer Care), <b>Teresa Brown,</b> Nicholas Weber (Cancer Care), Judy Bauer (UQ)	Nutrition support during allogeneic transplantation in Australian adult bone marrow transplantation units
Sarah Andersen	Madison Jefferis (UQ), Cameron Curley (Cancer Care), <b>Teresa Brown,</b> Judy Bauer (UQ)	Investigating the effect of malnutrition on clinical outcomes post allogeneic stem cell transplantation
Siobhan Wallin	<b>Carrie-Anne Lewis, Adrienne Young,</b> Marzia Bell (QUT)	Pre-operative lifestyle intervention for patients undergoing bariatric surgery
Susan de Jersey	Leonie Callaway (UQ, WNBS), Lynda Ross (Griffith Uni), <b>Taylor Guthrie,</b> Jeanette Tyler (Women's and Newborn), Nickie Moreton (Women's and Newborn), Karen New (UQ, Women's and Newborn), Janelle Laws (Women's and Newborn)	Evaluation of workforce training to support Healthy Pregnancy Healthy Baby
Susan de Jersey	Leonie Callaway (UQ, WNBS), <b>Taylor Guthrie,</b> Jeanette Tyler (Women's and Newborn), Nickie Moreton (Women's and Newborn), Karen New (UQ, Women's and Newborn)	Efficacy of a low intensity consumer held pregnancy weight monitoring tool to prevent excess gestational weight gain
Susan de Jersey	Elizabeth Eakin (UQ, SPH), Shelley Wilkinson (Mater), Tracy Comans (CAHR), Leonie Callaway (UQ, WNBS), <b>Claire Gardiner, Hilary Powlesland, Taylor Guthrie,</b> Angela Chang (CAHR)	Implementation evaluation of a telephone-delivered dietetic model of care for overweight pregnant women
Susan de Jersey	Kimberley Mallan (ACU), Lynne Daniels (QUT), Rebecca Byrne (QUT)	New Beginnings Healthy Mothers and Babies Study: long-term Follow-up
Susan de Jersey	<b>Natasha Lorenzen, Taylor Guthrie</b>	Gestational Diabetes Service Nutrition Practice Guidelines and Outcomes clinical audit
Teresa Brown	Aaron Chan (UQ), <b>Kathleen Dwyer, Merrilyn Banks,</b> Brett Hughes (Cancer Care), Judy Bauer (UQ), Charles Lin (Cancer Care), Liz Kenny (Cancer Care), Jane Crombie (Speech Path), Ann-Louise Spurgin (Speech Path)	Revalidation of swallow and nutrition guidelines in tomotherapy

## 2018 Current RBWH Research Group / Department Led Research Activity (cont)

RBWH Research Group/Department Lead Researchers	Collaborative Researchers	Research Project Title
Teresa Brown	Ray Chan (PAH), <b>Angela Byrnes</b> , <b>Rebecca Fichera</b> , Alex Molassiotis (Hong Kong), Patsy Yates (QUT), Gillian Nasato (Cancer Care), Elise Button (Cancer Care), Andrea Marshall (Griffith), Liz Isenring (Bond University), David Wyld (Cancer Care), Melissa Eastgate (Cancer Care), Nicole Gavin (Cancer Care)	A patient-family-centred intervention to promote nutrition in advanced cancer patients: a pilot randomised controlled trial
Teresa Brown	Louise Cooney (PAH), Louise Elvin-Walsh (PAH), <b>Eliza Kern</b> , <b>Suzie Ahern</b> , David Smith (QIMR), Liz Kenny (Cancer Care), Brett Hughes (Cancer Care), Sandro Porceddu (PAH), Ingrid Hickman (PAH), Bena Cartmill (PAH)	Comparison of nutrition and clinical outcomes in H&N cancer patients following reactive and proactive nutrition support approaches

## 2018 Collaborative Research Activity involving RBWH Research Group / Department

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Alvin Wong (UQ)	<b>Merrilyn Banks</b> , Judy Bauer (UQ)	Cost effectiveness of nutrition support services
Alison Mudge (IMS)	<b>Merrilyn Banks</b> , Adrian Barnett (QUT), Irene Blackberry (Latrobe), Ann Chang (QUT), Nick Graves (QUT), Ruth Hubbard (UQ), Sharon Inouye (Harvard), Sue Kurrle (Uni of Sydney), Kwan Lim (Uni of Melbourne), Prue McRae (IMS), Nancye Peel (UQ), <b>Adrienne Young</b>	CHERISH Collaborative for Hospitalised Elders: reducing the Impact of Stays in Hospital
Alison Mudge (IMS)	Adrienne Young, Ruth Hubbard (UQ), Len Gray (UQ), Elizabeth Whiting (MNHHS), Elizabeth Beattie(QUT), Fred Graham (PAH), <b>Merrilyn Banks</b> , Prue McRae (IMS)	Older Person Friendly Hospital: understanding barriers and enablers for care in Brisbane hospitals
Angela T Chang (CAHR)	<b>Susan de Jersey</b> , Anna Farrell (Speech Pathology), Jenny Strong (Occupational Therapy), <b>Adrienne Young</b> , Gai Harrison (Social Work), Jennifer Paratz (Physiotherapy), Peter Buttrum (AHP), <b>Merrilyn Banks</b>	Understanding research capacity and outputs in allied health workforce at RBWH
Ashleigh Molenaar (CISS)	Zoe Davis (CISS), <b>Merrilyn Banks</b> , <b>Adrienne Young</b> , Sandra Capra (UQ), Olivia Wright (UQ)	Exploring obesity in the aged care setting
Claire Nelson (QUT)	<b>Merrilyn Banks</b> , Mary Hannan-Jones (QUT), Kathleen Findlayson	Nutritional status of community dwelling individuals with chronic leg wounds
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</b>	Delirium in older psychiatry inpatients: protocol for an observational study
Helen Barrett (UQ, Mater Health Services)	Marloes Dekker (UQ), H David McIntyre (Mater and UQ), Michael d'Emden, Leonie Callaway, <b>Susan de Jersey</b>	Post prandial triglycerides in diabetes in pregnancy: a pilot study
Jack Bell (TPCH)	<b>Adrienne Young</b> , <b>Merrilyn Banks</b> , Tracy Comans (Centre for Allied Health, UQ), <b>Jan Hill</b>	The SIMPLE Approach: Systematised, Interdisciplinary Malnutrition Program Implementation and Evaluation
Judy Bauer (UQ)	Nathan Baldwin (UQ), Merran Findlay (Sydney), <b>Teresa Brown</b>	Evaluation of implementation, enablers and barriers for the Evidence-based guidelines for the nutritional management of adult patients with head and neck cancer
Judy Bauer (UQ)	<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)	Comparison of body composition methods in head and neck cancer patients undergoing chemoradiotherapy – PET-CT vs BIA
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)

## 2018 Collaborative Research Activity involving RBWH Research Group / Department (cont)

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Katrina Ridout (QUT)	<b>Susan de Jersey</b> , Danielle Gallegos (QUT), Adrian Barnett (QUT)	Understanding and improving pregnant women's participation in government funded prenatal nutrition and lifestyle intervention programs
Leah Gramlich (University of Alberta), Merran Findlay (RPAH), Liz Isenring (Bond Uni), Judy Bauer (UQ)	<b>Merrilyn Banks, Joanne Hiatt, Siobhan Wallin</b>	International Audit of Nutrition Care in Patients with FORegut TuMors (INFORM)
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
Lynda Ross (Griffith)	<b>Robin Hay, Angela Byrnes</b> , Keanne Langston (Griffith)	Healthy Eating and Lifestyle Program (HELP) intervention evaluation and follow up
Melissa Eastgate (Cancer Care)	Shu Fen Lee (Cancer Care), David Wyld (Cancer Care), <b>Teresa Brown</b>	Patient perceptions of diet and cancer – survey of cancer care patients
Michelle Palmer (MSHHS)	Helen Porteous (MSHHS), <b>Susan de Jersey</b>	Attendance rates and demographic descriptors of obese women referred to the dietitian for weight management advice during pregnancy
Nerida Hart (QUT)	Mary Hannan-Jones (QUT), <b>Merrilyn Banks</b>	What makes a quality foodservice system?
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
Nicole Gavin (Cancer Care)	Glen Kennedy (Cancer Care), Claire Rickard (Griffith Uni), Patrick Harris (UQ), <b>Sarah Andersen</b> , Elise Button (Cancer Care), Rebecca Lippiatt (Cancer Care)	Improving central-line associated bloodstream infection diagnosis in malignant haematology patients with parenteral nutrition (Improving CLABSI Trial)
Nicole Kiss (Deakin University)	Anna Boltong (Cancer Council), Merran Findlay (RPA), Belinda Steer (Peter mac), Jenelle Loeliger (Peter Mac), <b>Teresa Brown</b> , Liz Isenring (Bond), Judy Bauer (UQ)	Australian cancer clinician's awareness, perceptions and practices regarding to cancer-related malnutrition and sarcopenia
Nina Melloncelli (SCHHS, QUT)	<b>Susan de Jersey</b> , Adrian Barnett (QUT)	Evaluation of a dietitian-led model of care in low risk gestational diabetes pregnancies
Nina Melloncelli (SCHHS, QUT)	<b>Susan de Jersey</b> , Adrian Barnett (QUT)	Examining the management of gestational diabetes mellitus
Priya Cherian (Radiology)	<b>Claire Blake</b> , Mark Appleyard (Gastro), Nigel Mott (DMI), David Smith (QIMR)	Radiologically inserted gastrostomy (RIG) an Interventional Radiology Procedure that promotes high value healthcare
Quoc Qong Tran (QUT)	Danielle Gallegos (QUT), <b>Merrilyn Banks</b> , Mary Hannan-Jones (QUT)	Nutritional status of patients in Vietnamese hospitals
Samantha Olenski (IMS)	Alison Mudge (IMS), <b>Adrienne Young</b> , Prue McRae (IMS), Elise Treleaven (IMS), Kimberley Mallan (ACU), Zoe Walsh (CISS), Jill Ross (CISS), Alanna Geary (Nursing and Midwifery)	Developing and validating a novel survey to identify barriers and enablers to improving nutrition care in acute and subacute inpatient settings
Shelley Roberts (Griffith)	Andrea Marshall (Griffith), <b>Merrilyn Banks</b> , Alan Spencer (GCUH), Zane Hopper (GCUH), <b>Adrienne Young</b> , Ruben Gonzales (Griffith), Wendy Chaboyer (Griffith)	Using technology to engage patients in their nutrition care: a pilot study

## 2018 Research Awards and Achievements

Recipient	Award	Event
<b>Adrienne Young</b>	Outstanding Leadership in Research, Learning and Innovation	CAHRLI, 20 <sup>th</sup> June 2018
<b>Adrienne Young</b>	Health Practitioner Researcher of the Year	RBWH Research Symposium, 11-13 <sup>th</sup> September 2018
<b>Adrienne Young</b>	2019 Royal Alumni Research Encouragement Award	2019 RBWH and RBWH Foundation Grant Awards Ceremony
<b>Adrienne Young, Merrilyn Banks, Alison Mudge (IMS)</b>	Highly Commended, Complex Health Challenges	MNHHS Research Excellence Awards, 22 <sup>nd</sup> May 2018
<b>Carrie-Anne Lewis</b>	Jamieson Best Paper Award, Integrated Health	Australian and New Zealand Metabolic and Obesity Surgical Society, 6-7 September 2018
<b>Claire Blake</b>	Leadership in Education	CAHRLI, 20 <sup>th</sup> June 2018
<b>Hilary Powlesland</b>	Best New Presenter	AH-TRIP 'My Translation Rules' Research Translation Awards
Jack Bell (TPCH), <b>Adrienne Young, Merrilyn Banks, Jan Hill, Rhiannon Barnes, Tracy Comans</b>	Highly Commended, Health Services and Implementation	MNHHS Research Excellence Awards, 22 <sup>nd</sup> May 2018
<b>Jane Musial</b>	Winner – Fostering Innovation Award	2018 RBWH QuARRIES Award
<b>Kylie Matthews</b>	Dietitians Association of Australia External Conference Research Prize	Australia and New Zealand Academy for Eating Disorders, 2-4 August 2018
<b>Lynda Ross</b>	Excellence in Publication Award for Development and Evaluation of a Scored Sodium Questionnaire-Screening Form for Kidney Disease Patients	Menzies Health Institute Queensland, September 2018
Shu Fen Lee, Melissa Eastgate, David Wyld, <b>Teresa Brown</b>	Best poster	2 <sup>nd</sup> Victorian Cancer Survivorship Conference, 8-9 <sup>th</sup> February, Melbourne
<b>Susan de Jersey, Jeanette Tyler (WNBS), Taylor Guthrie, Karen New (UQ), Lynne Beutow (WNBS), Clare Byrne, Hilary Powlesland, Marie Greco</b>	Overall Customer Focus Award	2018 RBWH QuARRIES Award
<b>Susan de Jersey, Taylor Guthrie</b>	Best Allied Health Poster	Australasian Diabetes in Pregnancy Society Conference, 24-26 August 2018

## 2018 Research Grants – Awarded

Investigators <i>(RBWH staff in bold)</i>	RBWH Research Groups/ Departments	Project Title	Granting Body	Amount in 2018	Total Amount (years)
<b>Abigail Marsh</b>	Nutrition and Dietetics	Changes in disease activity, patient-reported outcomes and microbiota in patients with inflammatory bowel disease in a randomised modified Mediterranean dietary intervention study	RBWH Scholarship	\$36,864	\$36,864 (2018)
<b>Adrienne Young</b> , Ingrid Hickman (PAH), Shelley Wilkinson (Mater)	Nutrition and Dietetics	Needs assessment of knowledge translation (KT) training and support needs of Queensland dietitians	DNSC	\$7,920	\$7,920 (2018)
<b>Adrienne Young, Merrilyn Banks, Jan Hill</b> , Jack Bell, Tracy Comans, Rhiannon Barnes	Nutrition and Dietetics	Malnutrition Models of Care	AusHSI	\$11,333	\$34,000 (2017-2018)
<b>Angela Byrnes</b>	Nutrition and Dietetics; Internal Medicine Research Unit	Investigating the nutritional status and care of older ( $\geq 65$ years) patients on two general surgical wards: a multiphase, Action Research study	RBWH Scholarship (top-up)	\$6,000	\$6,000 (2018)
<b>Carrie-Anne Lewis</b>	Nutrition and Dietetics	Micronutrient and protein energy malnutrition outcomes in a weight loss surgery population	RBWH Scholarship	\$36,864	\$36,864 (2018)
<b>Carrie-Anne Lewis</b> , Leonie Naumann (Physiotherapy)	Nutrition and Dietetics, Physiotherapy	Measuring body composition to determine prevalence of malnutrition and lymphoedema in allied health research studies	RBWH PPTF Research and Training Capital Funding Grant	\$21,053	\$21,053 (2018)
<b>Christine Eadeh, Claire Dux, Nerida – Hart</b>	Nutrition and Dietetics/ Patient Food Services	Improving access to meals outside of hours: a technology driven solution	CAHRLI	\$9,639	\$9,639 (2018)
<b>Claire Blake, Ally di Bella, Teresa Brown, Adrienne Young</b> , Jenni Leutenegger (Cancer Care), David Wyld (Cancer Care),	Nutrition and Dietetics; Cancer Care	Implementation of patient-led malnutrition screening in the cancer care ambulatory setting	RBWH Foundation Diamond Grant	\$20,000	\$40,000 (2018-2019)
<b>Jane Musial</b>	Nutrition and Dietetics	Implementation of insulin dose adjustment for dietitians	Diabetes Statewide Clinical network	\$33,265	\$33,265 (2017-2018)
Jill Campbell (Nursing and Midwifery), Judith Eddy (Womens), Andrea Garratt, Kerrie Coleman (Nursing and Midwifery), Maree Grier (Psychology), Cara Masterson (Physiotherapy), Fiona Coyer (QUT), Barbara Ikin (Women's and Newborns), <b>Damien McDermid</b> , Kathryn Hurree (Women's and Newborns), Anita Pelacanos (QIMR)	Nursing and Midwifery, Women's and Newborn, Allied health	A multidisciplinary pre-operative optimisation care bundle for women undergoing vulval surgery: a feasibility study	RBWH Foundation	\$39,998	\$39,998 (2018)
<b>Joanne Hiatt</b>	Nutrition and Dietetics	Nutrition throughout head and neck cancer treatment: Patient experience and adherence, barriers and enablers to enteral feeding recommendations	RBWH Scholarship	\$36,864	\$36,864 (2018)
<b>Margot Leeson-Smith, Adrienne Young</b> , Jack Bell (TPCH), Theresa Green (Nursing, QUT), Rebecca Moore (TPCH), Stacey O'Donnell (Caboolture), Chloe Jarvis (Redcliffe), Juliette Mahero (TPCH), Andrew Wong (Neurology)	Nutrition and Dietetics, Nursing, Neurology	Implementation and Evaluation of a Multi-site Acute Stroke Nutrition Care Pathway	Health Practitioners Research Scheme Grant	\$13,030	\$26,059 (2018-2019)
Nina Meloncelli (SCHHS, QUT), <b>Susan de Jersey</b> , Adrian Barnett (QUT), Rachel Hayes (SCHHS), Elise Gilberston (SCHHS), Michelle Mack (SCHHS), Rebekah Shakhovskoy (SCHHS), Sophie Poulter (SCHHS)	Nutrition and Dietetics Researchers	Evaluation of a dietitian-led model of care in low risk gestational diabetes pregnancies	Health Practitioners Research Scheme Grant	\$14,818	\$29,636 (2018-2019)

## 2018 Research Grants – Awarded (cont)

Investigators (RBWH staff in bold)	RBWH Research Groups/ Departments	Project Title	Granting Body	Amount in 2018	Total Amount (years)
Ray Chan (Cancer Care), Alex Molassiotis (Hong Kong), Patsy Yates (QUT), Gillian Nasato (Cancer Care), <b>Teresa Brown</b> , Elise Button (Cancer Care), Andrea Marshall (Griffith), Liz Isenring (Bond University), David Wyld (Cancer Care), Melissa Eastgate (Cancer Care), Nicole Gavin (Cancer Care)	Cancer Care Services, Nutrition and Dietetics	A patient-family-centred intervention to promote nutrition in advanced cancer patients: a pilot randomised controlled trial	RBWH Foundation Diamond Care Grant	\$40,000	\$40,000 (2018)
Samantha Olenski (IMRU), Alison Mudge (IMRU), <b>Adrienne Young</b> , Prue McRae, Kimberley Mallan (ACU), Zoe Walsh (CISS), Jillan Ross (CISS), Alanna Geary (Nursing and Midwifery)	Internal Medicine Research Unit; Nutrition and Dietetics	Developing and validating a novel survey to identify barriers and enablers to improving nutrition care in acute and subacute inpatient settings	RBWH Foundation	\$32,000	\$32,000 (2018)
<b>Sarah Andersen</b>	Nutrition and Dietetics	Does early proactive enteral nutrition improve outcomes post allogeneic stem cell transplantation - A randomized comparison to standard care	RBWH Scholarship	\$36,864	\$36,864 (2018)
<b>Sarah Andersen</b>	Nutrition and Dietetics	Energy expenditure in patients undergoing allogeneic stem cell transplant: are we feeding them enough?	RBWH PPTF Research and Training Capital Funding Grant	\$39,167	\$39,167 (2018)
<b>Susan de Jersey</b> , Elizabeth Eakin, Shelley Wilkinson, Tracy Comans, Leonie Callaway, <b>Claire Gardiner</b>	Nutrition and Dietetics, Obstetric Medicine, Centre for Allied Health Research	Implementation evaluation of a telephone-delivered dietetic model of care for overweight pregnant women	RBWH Foundation	\$39,024	\$39,024 (2017-2018)

## 2018 Research Publications

### Journal Articles:

1. Agarwal E, Ferguson M, **Banks M**, Vivanti A, Batterham M, Bauer J, et al. Malnutrition, poor food intake, and adverse healthcare outcomes in non-critically ill obese acute care hospital patients. *Clinical Nutrition*. 2018. doi: 10.1016/j.clnu.2018.02.033
2. Bell JJ, **Young A**, Hill J, **Banks M**, Comans T, Barnes R, et al. Rationale and developmental methodology for the SIMPLE approach: A Systematised, Interdisciplinary Malnutrition Pathway for implementation and Evaluation in hospitals. *Nutrition and Dietetics*. 2018;75(2):226-34
3. **Byrnes A**, **Banks M**, Mudge A, **Young A**, Bauer J. Enhanced Recovery After Surgery as an auditing framework for identifying improvements to perioperative nutrition care of older surgical patients. *Eur J Clin Nutr*. 2018;72(6):913-6
4. **Byrnes A**, Mudge A, **Young A**, **Banks M**, Bauer J. Use of hand grip strength in nutrition risk screening of older patients admitted to general surgical wards. *Nutrition and Dietetics*. 2018. doi:10.1111/1747-0080.12422
5. **Byrnes A**, Worrall J, **Young A**, Mudge A, **Banks M**, Bauer J. Early post-operative diet upgrade in older patients may improve energy and protein intake but patients still eat poorly: an observational pilot study. *Journal of Human Nutrition and Dietetics*. 2018. doi: 10.1111/jhn.12572
6. **Byrnes A**, **Young A**, Mudge A, **Banks M**, Bauer J. Exploring practice gaps to improve Perioperative Nutrition Care (EXPERIENCE Study): a qualitative analysis of barriers to implementation of evidence-based practice guidelines. *European Journal of Clinical Nutrition*. 2018:1
7. **Byrnes A**, **Young A**, Mudge A, **Banks M**, Clark D, Bauer J. Prospective application of an implementation framework to improve postoperative nutrition care processes: Evaluation of a mixed methods implementation study. *Nutrition and Dietetics*. 2018;75(4):353-62
8. Catchpole EM, Thirunavukarasu CE, Varelias A, Schlebusch S, Olver S, Zomerdijk N, **Osland E**, Kennedy GA, Tey SK, Hill GR, Markey KA. Early Blood Stream Infection after BMT Is Associated with Cytokine Dysregulation and Poor Overall Survival. *Biology of blood and marrow transplantation: Journal of the American Society for Blood and Marrow Transplantation*. 2018. doi:10.1016/j.bbmt.2018.02.025
9. Cuong TQ, **Banks M**, Hannan-Jones M, Diep DTN, Gallegos D. (2018). Prevalence and associated risk factors of malnutrition among hospitalized adults in a multisite study in Ho Chi Minh city Viet Nam. *Asia Pacific Journal of Clinical Nutrition*. 2018;1-21. doi: 10.6133/apjcn.042018.07
10. **De Jersey S**, **Guthrie T**, Tyler J, Ling WY, **Powlesland H**, Byrne C, et al. Evaluating the integration of a pregnancy weight gain chart into routine antenatal care: a mixed method study design. *Maternal & Child Nutrition*. 2018:e12750



### Journal Articles (cont):

11. **De Jersey SJ**, Tyler J, **Guthrie T**, New K. Supporting healthy weight gain and management in pregnancy; Does a mandatory training education session improve knowledge and confidence of midwives? *Midwifery*. 2018. doi: 10.1016/j.midw.2018.06.025
12. **Di Bella A, Blake C, Young A**, Pelecanos A, **Brown T**. Reliability of Patient-Led Screening with the Malnutrition Screening Tool: agreement between Patient and Health Care Professional Scores in the Cancer Care Ambulatory Setting. *Journal of the Academy of Nutrition and Dietetics*. 2018;118(6):1065-71
13. **Lewis C-A, de Jersey S**, Hopkins G, Hickman I, **Osland E**. Does Bariatric Surgery Cause Vitamin A, B1, C or E Deficiency? A Systematic Review. *Obesity surgery*. 2018:1-18
14. Mallan KM, Daniels LA, Byrne R, **De Jersey SJ**. Comparing barriers to breastfeeding success in the first month for non-overweight and overweight women. *BMC Pregnancy and Childbirth*. 2018;18(1):461
15. **Matthews K**, Hill J, Jeffrey S, Patterson S, Davis A, Ward W, et al. A Higher-Calorie Refeeding Protocol Does Not Increase Adverse Outcomes in Adult Patients with Eating Disorders. *J Acad Nutr Diet*. 2018. doi: 10.1016/j.jand.2018.01.023
16. **Matthews KL**, Palmer MA, Capra SM. Dietitians' opinions regarding refeeding syndrome, clinical guidelines and extended scope of practice. *Nutrition and Dietetics*. 2018. doi:10.1111/1747-0080.12429
17. **Matthews KL**, Palmer MA, Capra SM. The accuracy and consistency of nutrition care process terminology use in cases of refeeding syndrome. *Nutrition and Dietetics*. 2018;75(3):331-6
18. Meloncelli N, Barnett A, Pelly F, **De Jersey S**. Diagnosis and management practices for gestational diabetes mellitus in Australia: Cross-sectional survey of the multidisciplinary team. *Australian and New Zealand Journal of Obstetrics and Gynaecology*. 2018. doi: 10.1111/ajo.12816
19. Moroney LB, Helios J, Ward EC, Crombie J, Burns CL, Yeo SQ, Pelecanos A, Spurgin AL, **Blake C**, Kenny L, Chua B, Hughes BGM. Radiotherapy for cutaneous head and neck cancer and parotid tumours: a prospective investigation of treatment-related acute swallowing and toxicity patterns. *Supportive care in cancer: official journal of the Multinational Association of Supportive Care in Cancer*. 2018. doi:10.1007/s00520-018-4352-5
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22. **Osland E**, Memon MA. Laparoscopic Roux-en-Y gastric bypass or vertical sleeve gastrectomy: a weighty decision. *Annals of Translational Medicine*. 2018. doi: 10.21037/atm.2018.10.43
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24. Sioson MS, Martindale R, Abayadeera A, Abouchaleh N, Aditiansingh D, Bhurayanontachai R, Chiou WC, Higashibepu N, Mat Nor MB, **Osland E**, Palo JE, Ramakrishnan N, Shalabi M, Tam LN, Ern Tan J J. Nutrition therapy for critically ill patients across the Asia-Pacific and Middle East regions: a consensus statement. *Clinical Nutrition ESPEN*. 2018;24:156-64
25. Tran QC, **Banks M**, Hannan-Jones M, Diep DTN, Gallegos D. Prevalence and associated risk factors of malnutrition among hospitalized adults in a multisite study in Ho Chi Minh city Viet Nam. *Asia Pacific Journal of Clinical Nutrition*. 2018:1-21
26. Tran QC, **Banks M**, Hannan-Jones M, Do TND, Gallegos D. Validity of four nutritional screening tools against subjective global assessment for inpatient adults in a low-middle income country in Asia. *Eur J Clin Nutr*. 2018. doi: 10.1038/s41430-018-0217-8
27. Wong A, **Banks M**, Bauer J. A Survey of Home Enteral Nutrition Practices and Reimbursement in the Asia Pacific Region. *Nutrients*. 2018;10(2):214
28. Wong A, Goh G, **Banks MD**, Bauer JD. Economic Evaluation of Nutrition Support in the Prevention and Treatment of Pressure Ulcers in Acute and Chronic Care Settings: a Systematic Review. *Journal of Parenteral and Enteral Nutrition*. 2018. doi: 10.1002/jpen.1431
29. **Young A**, Treleaven E, Farrell A. Nutrition, Mealtimes: Recipes for success. *Journal of Clinical Practice in Speech-Language Pathology*. 2018;20(3):177-9
30. **Young AM, Banks MD**, Mudge AM. Improving nutrition care and intake for older hospital patients through system-level dietary and mealtime interventions. *Clinical Nutrition ESPEN*. 2018;24:140-7
31. **Young AM, de Jersey SJ, Ellick J, Lewis C-A, Banks M**. Comparison of Patient Food Intake, Satisfaction and Meal Quality Between Two Meal Service Styles in a Geriatric Inpatient Unit. *Journal of Nutrition in Gerontology and Geriatrics*. 2018:1-11
32. **Young AM**, Keller HH, Barnes R, Bell JJ. Clinicians as novice facilitators: a SIMPLE case study. *Journal of Health Organization and Management*. 2018. doi:10.1108/JHOM-03-2018-0071
33. **Young AM**, Mudge AM, **Banks MD**, Rogers L, Demedio K, Isenring E. Improving nutritional discharge planning and follow up in older medical inpatients: Hospital to Home Outreach for Malnourished Elders. *Nutrition and Dietetics*. 2018;75:283-90.

### Book Chapters/ Letters:

1. **Young A**. Institutional interventions to prevent and treat undernutrition. In: Hickson M SS, Whelan K, editor. *Advanced Nutrition and Dietetics in Nutrition Support*. London: John Wiley and Sons; 2018.

## 2018 Conference Presentations – Invited Speaker, Oral and Poster

### Invited Speaker:

1. **Andersen S.** Investigating Enteral Nutrition During Allogenic Stem Cell Transplantation. Australasian Society of Parenteral and Enteral Nutrition, Sydney, December 2018
2. **De Jersey S.** Prevention of obesity in the reproductive years- opportunities abound. National Eating Disorders and Obesity Conference. Tweed Heads September 2018
3. **De Jersey S.** Searching for utopia: defined dietary prescription and medical nutrition therapy for gestational diabetes management. Australasian Diabetes in Pregnancy Society, Adelaide. August 2018.

### Oral Presentations:

1. Bell M, **Lewis CA, Wallin S, Young A.** Bariatric surgery patients' view on pre-operative lifestyle education. Dietitians Association of Australia. May 2018
2. Chuin Lim S, **Dux C,** Jeffree R, Heaydon S, **De Jersey S.** Transition feeding protocol in the neurosurgery ward: a pre- and post-implementation evaluation of patients' nutrition outcomes, dietetic efficiency and nursing staff's knowledge, attitudes and practices. Dietitians Association of Australia. May 2018
3. **Cruickshank D.** Allergen Management for Foodservice – Development of a Best Practice Guideline. Dietitians Association of Australia. May 2018
4. **De Jersey S, Guthrie T,** Callaway L, Tyler J, New K. Successful changes to practice following a dietetic lead service wide implementation strategy supporting health weight gain in pregnancy. Dietitians Association of Australia. May 2018
5. **Di Bella A, Banks M,** Gane E, Hickling D, Hickman I, Comans T. Hidden in plain sight: the potential cost of unrecognised obesity prevalence in Queensland hospitals. Dietitians Association of Australia. May 2018
6. **Guthrie T, Byrne C,** New K, Tyler J, De Jersey S. Women's perceptions of a pregnancy weight gain chart to support healthy weight gain in pregnancy. Dietitians Association of Australia. May 2018
7. Hill J, **Young A, Banks M,** Barnes R, Bell J. Impact of electronic medical records on nutrition care practices. Dietitians Association of Australia. May 2018
8. Hollis G, **Dux C,** Hickling D, Powlesland A. The Ebbs & Flows of ICU: challenges in nourishing the critically ill patient. Dietitians Association of Australia. May 2018
9. Kukulies D, Gallegos D, **De Jersey S,** Tran CQ, Phan THT, Vo DT, Do, DNT, Hannan-Jones M. Excess gestational weight gain is an issue in Ho Chi Minh City, Viet Nam. The 7<sup>th</sup> Asian Congress of Dietetics. Hung Hom, Hong Kong, July 2018
10. Langston K, **Ross L.** Healthy Eating and Lifestyle Program (HELP): effective for all BMI classes. Dietitians Association of Australia. May 2018
11. **Lewis C, De Jersey S, Osland E, Musial J,** Hopkins G, Hickman I. Considerations for micronutrient assessment in bariatric surgery. Australia and New Zealand Metabolic and Obesity Surgery Society Conference, Melbourne. September 2018
12. **Marsh A, Kinneally J, Young A.** Dietary advice obtainment in IBD patients – who do they trust? Dietitians Association of Australia. May 2018
13. **Matthews K,** Hill J, Jeffrey S, Patterson S, Davis A, Ward W, Palmer M, Capra S. A higher energy refeeding protocol does not increase adverse outcomes in adult patients with eating disorders. Dietitians Association of Australia. May 2018
14. **Matthews K,** Hill J, Jeffrey S, Patterson S, Davis A, Ward W, Palmer M, Capra S. Medically compromised, extremely underweight adult patients with eating disorders can be safely refeed using a higher energy feeding protocol. Australia and New Zealand Academy for Eating Disorders National Conference, Melbourne. August 2018
15. Meloncelli N, Barnett A, Pelly F, **De Jersey SJ.** Task and role perceptions of GDM Management as reported by multidisciplinary team members in Australia. Dietitians Association of Australia. May 2018
16. Miller N, Mallan K, Byrne R, **De Jersey S** and Daniels L. Like mother like child? Maternal Feeding Practices Mediate the Relationship Between Mother and Child Eating Behaviours. National Eating Disorders and Obesity Conference. Tweed Heads September 2018
17. O'Donnell S, Patel B, **Young A, Banks M,** Hill J, Barnes R, Comans T, Keller H, Bell J. Malnutrition management in the acute care setting: a description of current practice in six Queensland hospitals Dietitians Association of Australia. May 2018
18. Patel B, O'Donnell S, **Young A, Banks M,** Hill J, Barnes R, Comans T, Keller H, Bell J. Acute malnutrition care in Queensland hospitals: The patient perspective. Dietitians Association of Australia. May 2018
19. **Powlesland H,** Yin Ling W, Tyler J, New K, **De Jersey S.** Staff attitudes and practices to support healthy pregnancy weight gain following the implementation of service-wide education and routine weight tracking. Dietitians Association of Australia. May 2018
20. **Treleaven E,** Mudge A, McRae P, Lee-Steere K, Cahin M, Finnigan S. Delirium Day: cognitive impairment and the carer experience in a tertiary hospital. Australasian Delirium Association 'Declared' Conference, Melbourne. September 2018
21. **Young A, Banks M,** Pei Yen Kwek T, Mudge A. Improving nutritional intake and care in hospital: a ten-year journey of quality improvement and research in practice. Dietitians Association of Australia. May 2018
22. **Young A,** Bell J, Comans T, Hill J, Barnes R, Keller H, Banks M. Better nutritional care for hospital inpatients: from volume to value through The SIMPLE Approach. World Hospital Congress, Brisbane November 2018.

## Poster Presentations:

1. **Andersen S**, Weber N, Kennedy G, **Brown T**, **Banks M**, Bauer J. Investigating tolerance and clinical outcomes of early enteral nutrition versus parenteral nutrition support during allogeneic transplantation. European Society for Blood and Marrow Transplantation, Lisbon, Portugal. March 2018
2. Barrett HL, Dekker Nitert M, **De Jersey SJ**, Callaway LK, D'Emden M, McIntyre HD. Maternal postprandial triglycerides following high and low fat meals in the home setting. American Diabetes Association's 78<sup>th</sup> Scientific Sessions, June 22-26, 2018 Orlando, Florida USA
3. **Byrnes A**, **Young A**, Mudge A, **Banks M**, Bauer J. Exploring practice gaps to improve PERIoperative Nutrition CarE (Experience Study): A qualitative study to identify barriers to implementation of evidence-based practice guidelines. Dietitians Association of Australia. May 018
4. Chapman-Kiddell C, **Ross L**, MacDermott P, Hanigan K, Pelacanos A, Radford-Smith G. Dietary patterns and the development of Crohn's disease (CD). Dietitians Association of Australia. May 2018
5. **Cruickshank D**, Juffs P. Comparing IDDSI to current clinically accepted testing methods. Dietitians Association of Australia. May 2018
6. **De Jersey S**, **Guthrie T**, Liow HS, **Lorenzen N**. Increased resources for GDM improved access to best practice dietetic care. Australasian Diabetes in Pregnancy Society, Adelaide. August 2018
7. **Hatzirodos M**, **Ellison N**, **Eadeh C**, **Dux C**. Restoring dignity and quality to texture modified diets through moulded meals. Dietitians Association of Australia. May 2018
8. Lee SF, Eastgate M, Wyld D, **Brown T**. Dietary patterns and attitudes in cancer survivors. 2<sup>nd</sup> Victorian Cancer Survivorship Conference, February 2018
9. MacDermott P, **Young A**. When acute and chronic illness collide – improving dietetic referrals for acute renal inpatients. Dietitians Association of Australia. May 2018
10. Meloncelli N, Barnett, A, **De Jersey S**. A cross-sectional survey of gestational diabetes management in Queensland. Australasian Diabetes in Pregnancy Society Annual Scientific Meeting, Adelaide, August 2018
11. **Morgan K**, **Young A**. Perceptions of patients on haemodialysis: satisfaction with dietetic services and barriers to engagement. Dietitians Association of Australia. May 2018
12. Worrall J, **Byrnes A**, **Banks M**, Mudge A, **Young A**, Bauer J. Postoperative oral intake of older ( $\geq 65$  years) general surgical patients and factors associated with inadequate intake on postoperative day 2. Dietitians Association of Australia. May 2018
13. **Young A**, **Banks M**, Kwek T, Mudge A. Improving nutritional intake and care for older inpatients: a ten-year journey of quality improvement and research in practice. Annual Scientific Meeting of the American Geriatrics Society, May 2018
14. **Young A**, Mudge A, McRae P, Gray L, Beattie E, Graham F, Whiting L, **Banks M**, Hubbard R. Toward the Older Person Friendly Hospital: barriers and enablers within the Australian context. Annual Scientific Meeting of the American Geriatrics Society, May 2018.

## Other Communications and Outputs:

Adrienne Young	Is there a SIMPLE solution to hospital malnutrition? The Health Advocate p40-41, October 2018
Adrienne Young	Older people in hospital are having their cake and eating it too: a 10-year journey to improve nutrition at the Royal Brisbane and Women's Hospital. The Australian Hospital Healthcare Bulletin p56-7, Winter 2018
Susan de Jersey	How to Treat: gestational diabetes mellitus. Australian Doctor, p17-24, June 22, 2018
Angela Byrnes.	Implementation and process evaluating using an implementation framework. Allied Health Translating Research into Practice website <a href="https://www.tri.edu.au/online-pd-suite">https://www.tri.edu.au/online-pd-suite</a>
Joanne Hiatt.	Development and Implementation of a Nurse Led Enteral Feeding Protocol. Allied Health Translating Research into Practice website <a href="https://www.tri.edu.au/online-pd-suite">https://www.tri.edu.au/online-pd-suite</a>
Susan de Jersey	Supporting health pregnancy weight gain. Allied Health Translating Research into Practice website <a href="https://www.tri.edu.au/online-pd-suite">https://www.tri.edu.au/online-pd-suite</a> .

## Occupational Therapy

Functional independence, occupational performance and patient centred practice are core concepts of Occupational Therapy (OT) used daily to improve our patients' care, their hospital journey and health outcomes. OT services at RBWH strive to apply research evidence in practice every day to meet best care, maximise outcomes and help our patients' return to their life roles.

2018 was an exciting year for RBWH OT with growth in research activity and outcomes that have enhanced occupational performance and participation of our patients' daily lives. Our research activity and related benefits have extended across multiple areas of the hospital's clinical services including trauma, burns, orthopaedics, hands, neurology, chronic pain and rehabilitation services.



Research themes and concepts explored in 2018 have been broad ranging and include community participation and re-engagement, application of treatments to new diagnostic cohorts and use of technology enhanced modalities to improve occupational performance and OT care delivery. These themes are demonstrated in research topics such as the effectiveness of electrical stimulation to improve hand function of people with Friedreich's Ataxia neurological disorder, virtual reality to reduce pain during burn wound dressing changes and mobile technology apps to assist people with chronic pain to better self-manage their daily activities.

Expanding on foundations of previous years, building of our research capacity continues to be a key achievement. In 2018, the vision for best practice evidence "provided at the bedside" has translated to:

- increased successful competitive grant funding
- national and international presence of Occupational Therapy research
- increased research collaborations, strengthened partner links and new research partners
- increased uptake of research engagement across novice and experienced clinicians and
- meaningful impacts on patient care.

### Highlights of 2018:

- 2018 Metro North Research Excellence Rising Star Award to Dr Nicole Andrews
- commencement of 6 OT staff in their research higher degree studies
- increasing trend in application successes – 12 new grants awarded
- 35% growth in successful grant funding – \$164 130
- six national conference presentations in burns scar management, outcome measurements, pressure therapy and e-stim use in Friedreich Ataxia
- four international conference presentations with three as invited guest speakers:
  - Nicole Andrews            Boston, USA            Overactivity in pain
  - Nicole Andrews            Sydney, Australia    Activity pacing using a mobile health platform
  - Andrea McKittrick        New Delhi, India      Burns remedial make-up
  - Andrea McKittrick        Sydney, Australia    Critical care neuropathy.
- new collaboration with Herston Biofabrication Institute.

Going forward, we continue to work towards our research investment translating in Occupational Therapy practice to benefit our patients' care helping reach their goals and re-engage with life beyond hospital.

## Supervised Post-Graduate Research Students

Name <i>(RBWH staff in bold)</i>	Current Studies <i>(e.g. PhD, Masters etc.)</i> University <i>(duration)</i>	Research Project Title	Supervisors <i>(RBWH staff in bold)</i>
<b>Andrea Mc Kittrick</b>	Doctor of Philosophy UQ (2018-2023)	Outcome measures for hand burn injuries	Louise Gustaffson, <b>Jenny Strong</b>
Cate Sinclair	PhD UQ (2015-2018)	Pain management for children and adolescents attending a tertiary pain centre	Pamela Meredith, <b>Jenny Strong</b>
<b>Erin Molloy</b>	Master of Philosophy UQ (2018-2020)	Sensory sensitivity and adherence with compression garments after burn injuries	<b>Jenny Strong</b> , Pam Meredith, <b>Paul Gray</b>
Genevieve O'Donoghue	PhD CQU (2018-2020)	Couples, attachment and chronic pain	Pamela Meredith, <b>Jenny Strong</b> , <b>Nicole Andrews</b>
Grace Brandjerporn	PhD UQ (2016-2019)	Pre-natal and perinatal attachment and child development	Pamela Meredith, <b>Jenny Strong</b>
<b>Nicole Coghlan</b>	Masters of Philosophy UQ (2015-2018)	Patient experiences of wearing compression garments post burn injury	<b>Jenny Strong</b> , Jodie Copley, Tammy Aplin, <b>Sue Laracy</b>
<b>Sarah O'Reilly</b>	Master of Philosophy UQ (2018-2020)	The efficacy of stretch tapes in reducing hypertrophic scarring after burn injury	<b>Jenny Strong</b> , Jenny Ziviani
<b>Shannon Scarff</b>	Master of Philosophy UQ (2018-2020)	The Multiple Errands Test	Jenny Fleming
Stephanie Power	PhD UQ (2014-2018)	The language of pain in the birthing room; A cross cultural perspective	Fiona Bogossian, Roly Sussex, <b>Jenny Strong</b>



## 2018 Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions

Name	Type of Fellowship	Research Program	University (years)
Nicole Andrews	Postdoctoral Research Fellow RBWH Postdoctoral Research Fellow	RECOVER Injury Research Centre Towards understanding how much activity is too much for individuals with chronic pain	The University of Queensland (2018-2019)
Jenny Strong	Emeritus Professor Adjunct Professor	School of Health and Rehabilitation Sciences School of Health, Medical and Applied Sciences	The University of Queensland (2016 ongoing) Central Queensland University (2017 onwards)
Michelle Donovan	Honorary Associate lecturer	School of Health and Rehabilitation Sciences	The University of Queensland (2017-2020)

## 2018 Current RBWH Research Group / Department Led Research Activity

RBWH Research Group/ Department Lead Researchers	Collaborative Researchers	Research Project Title
Andrea Mc Kittrick	<b>Sue Laracy, Jenny Strong,</b> Michael Rudd (Burns)	Royal Brisbane and Women's Hospital Occupational Therapy auditing framework for identifying improvements to acute adult burns care
Andrea Mc Kittrick	<b>Amber Jones, Sue Laracy, Jenny Strong,</b> Andre Baeur (Psychology)	"Scar Wars" – the effective use of cinemagraphic remedial make up by Occupational Therapy to conceal disfiguring scars
Celeste Glasgow	<b>Sue Laracy, Cherie Aceto</b>	What is the most effective orthosis for improving PIP joint extension following hand trauma? A RCT
Celeste Glasgow	<b>Sue Laracy, Kristin Kirwan</b>	Occupational Therapy Hand Unit Consumer engagement project
Celeste Glasgow	<b>Sue Laracy,</b> Kathy Green (Logan), Ruth Cox (QE2), Leo Ross (QE 2)	Evaluation of the Primary Contact Occupational Therapy Hand (PCOTH) Clinical Outcomes; non-carpal tunnel syndrome (CTS) diagnoses
Erin Molloy	<b>Jenny Strong,</b> Pamela Meredith (Central Queensland University), Paul Gray (Pain Centre)	Is sensory sensitivity a factor in non-adherence in compression garment wear post burn?
Erin Molloy	<b>Amber Jones, Sue Laracy, Jenny Strong,</b> Paul Gray, (Pain Centre)	The use of Immersive Virtual Reality in Occupational Therapy during burn wound care procedures
Kaitlyn Spalding	<b>Kristin Kirwan,</b> Angela Chang (CAHR)	Positioning of the lower limb for the prevention and management of pressure injuries: a review of current practice
Kristin Kirwan	John Fraser (TPCH), Chris Anstey (TPCH)	Determining the pressure redistribution properties of selected commercial and custom-made products to reduce the incidence of pressure injury development on the head
Nicole Andrews	Marlien Varnfield (CSIRO), David Ireland (CSIRO)	Towards understanding how much is too much for individuals with chronic pain
Nicole Andrews	<b>Belinda Long, Jenny Strong, Sue Laracy</b>	Evaluation of occupational therapy interventions within the orthopaedic physiotherapy screening clinic
Nicole Andrews	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
Nicole Coghlan	<b>Jenny Strong,</b> Jodie Copley (UQ), Tammy Aplin (UQ), <b>Sue Laracy</b>	Patient experiences of wearing compression garments post burn injury
Robyn Scheer	<b>Nicole Andrews, Erin Molloy</b>	The effect of limb position on leg circumference measurements in patients diagnosed with lower limb lymphoedema
Robyn Scheer		The Lymphoedema Arm Measurement Study – Winter vs Summer
Sue Laracy	Cate Fitzgerald (QHealth), Merryl Turpin (UQ), <b>Beverley Lewis</b>	Supporting the transition to practice of new graduate occupational therapist using a clinical education framework
Sue Laracy	<b>Kristin Kirwan,</b> Angela Chang (CAHR), <b>Jenny Strong</b>	Acute surgical business case 7-day service review
Tennille Rowland	<b>Giovanna Tornatore, Beverley Lewis,</b> Sue Laracy, Simon Finnigan (UQCCR)	Occupational therapy stroke audit: measuring compliance of occupational therapy practice with evidence-based guidelines

## 2018 Collaborative Research Activity involving RBWH Research Group / Department

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
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
Elise Gane (UQ), Venerina Johnston (UQ), Esther Smits (UQ), Charlotte Brakenridge (UQ)	<b>Nicole Andrews</b>	Exploring the perspectives of key stakeholders in return to work after road traffic crash
Esther Smits (UQ), Venerina Johnston (UQ), Charlotte Brakenridge (UQ), Elise Gane (UQ)	<b>Nicole Andrews</b>	Recovery following a road traffic crash – a Delphi study
Jessica Thackeray (UQ), Sophie Bowen (UQ), Cory Poll (UQ), Pamela Meredith (CQU)	<b>Jenny Strong, Nicole Andrews</b>	“Can Sensory- and Attachment-Informed approaches be used to modify perceptions of pain?”
Kirsten Cook (SCUH)	Simon Finnigan (UQCCR), <b>Sue Laracy</b>	Evaluation of the Primary Contact Occupational Therapy Hands Pathway in the Treatment of Carpal Tunnel Syndrome; State-wide
Louise Burgess (Bournemouth University, UK), Thomas Wainwright (Bournemouth University, UK)	<b>Nicole Andrews</b>	What is the evidence for occupational therapy interventions in general surgical pathways and do they have a role in ERAS pathways? A systematic review
Louise Corben (MCRI), Martin Delatycki (MCRI)	<b>Tennille Rowland, Jenny Strong, John O’Sullivan (Neurology), Sue Laracy</b>	Does functional electrical stimulation improve hand function and daily participation of individuals with Friedreich ataxia?
Lynn DeBar (Kaiser Permanente Centre for Health Research, Portland, USA), Meghan Mayhew, (Kaiser Permanente Centre for Health Research, Portland, USA)	<b>Nicole Andrews</b>	PPACT Administrative Supplement for Research on Sleep Disturbances and Impact on Chronic Pain
Shanithi Kanagarajah (Geriatrics, RBWH)	<b>Sue Laracy, Kana Appadurai (Geriatrics) Kathleen Richter (Nursing), Gisela Brittain</b>	Hospital Wide clinician led audit of patients requiring sub-acute care in a large tertiary hospital

## 2018 Research Awards and Achievements

Recipient	Award	Event
<b>Nicole Andrews</b>	Rising Star Award	2018 Metro North Research Excellence Awards, 22 May 2018

## 2018 Research Grants – Awarded

Investigators <i>(RBWH staff in bold)</i>	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2018	Total Amount <i>(years)</i>
<b>Andrea Mc Kittrick, Amber Jones,</b> Andre Bauer (Psychology)	OT/Psychology	Scar Wars” – the effective use of cinemagraphic remedial make up to conceal disfiguring scars	CAHRLI Innovation Challenge 2017-2018	\$10,000	\$10,000 (2018)
<b>Celeste Glasgow</b>	OT	What is the most effective orthosis for improving functional outcomes for individuals with extension deficits of their proximal interphalangeal joint following hand trauma?	Occupational Therapy Australia Research Foundation	\$4,000	\$4,000 (2018)
<b>Erin Molloy, Jenny Strong,</b> Pam Meredith (UQ)	OT	Is sensory sensitivity a factor in non-compliance with compression garments post-burn?	RBWH Foundation	\$24,464	\$24,464 (2018)
<b>Erin Molloy,</b> Paul Gray (Pain Management), <b>Amber Jones</b>	OT/Pain	Immersive virtual reality in immersive wound care	CAHRLI Innovation Challenge 2017-2018	\$2,000	\$2,000 (2018)

## 2018 Research Grants – Awarded (cont)

Investigators (RBWH staff in bold)	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2018	Total Amount (years)
<b>Giovanna Tornatore</b>	OT	Increasing Occupational Therapy intervention frequency and intensity of practice and patient engagement (FIPE) in stroke rehabilitation	CAHRLI pre-PhD/Pre-MPhil Scholarship Program	\$13,943	\$13,943 (2017-2018)
<b>Kristin Kirwan</b>	OT, ICU	Determining the pressure relieving properties of selected commercial and custom-made products to reduce the incidence of pressure injury development on the head	The Prince Charles Hospital Foundation	\$6,000	\$ 9,616 (2016-2018)
<b>Nicole Andrews</b> , Marlien Varnfield (CSIRO), David Ireland (CSIRO)	Occupational Therapy, OPSC, and the Professor Tess Cramond Multidisciplinary Pain Centre	The development and implementation of a mobile health platform to support activity pacing implementation in chronic pain	Metro North LINK funding scheme	\$7,137	\$60 000 (2017-2018)
Nicole Andrews, Marlien Varnfield (CSIRO), David Ireland (CSIRO)	Occupational Therapy, OPSC, and the Professor Tess Cramond Multidisciplinary Pain Centre	The development and implementation of a mobile health platform to support activity pacing implementation in chronic pain	RBWH Foundation Postdoctoral Fellowship	\$50,000	\$50,000 (2018)
Ruth Cox (QE2), <b>Sue Laracy</b> , Kathy Green (Ipswich), Leo Ross(QE2)	OT	Evaluation of the Primary Contact Occupational Therapy Hand (PCOTH) Clinic Clinical Outcomes – non Carpal Tunnel Syndrome (CTS) Diagnoses	Professional Innovators and Leaders in Occupational Therapy	\$25,000	\$25,000 (2017-2018)
<b>Sarah O'Reilly</b>	OT	The efficacy of stretch tape in reducing hypertrophic scarring after burn injury	CAHRLI pre-PhD/Pre-MPhil Scholarship Program	\$10,959	\$10,959 (2018)
<b>Tennille Rowland</b> , Louise Corben (Murdoch Children Research Institute MCRI), <b>Jenny Strong</b> , John O'Sullivan (Neurology), Martin Delatycki (MCRI), Sue Laracy	OT / Neurology	Does functional electrical stimulation improve hand function and daily participation of individuals with Friedreich ataxia?	RBWH Foundation	\$16,627	\$16,627 (2017-2018)

## 2018 Research Publications

### Journal Articles:

- Andrews NE, Strong J**, Meredith PJ, & Brandjerporn GS. Approach to activity engagement and differences in activity participation in chronic pain: a five-day observational study, Australian Occupational Therapy Journal. 2018; doi:10.1111/1440-1630.12516
- Bagraith K, **Strong J**, Meredith P & McPhail S. What do clinicians consider when assessing chronic low back pain? A content analysis of multidisciplinary pain centre team assessments of functioning, disability, and health, PAIN, 2018, Publish ahead of Print, doi: 10.1097/j.pain.0000000000001285
- Kornhaber R, Visentin D, Thapa DK, West S, **McKittrick A**, Haik J & Cleary M. Cosmetic camouflage improves quality of life among patients with skin disfigurement: a systematic review. Body Image. 2018;27:98-108. Doi.org/10.1016/j.bodyim.2018.08.004
- Meredith PJ & **Strong J**. Attachment and chronic illness, Current Opinions in Psychology. 2019, <https://doi.org/10.1016/j.copsyc.2018.04.018>
- Power S, Bogossian FE, Sussex R, & **Strong, J**. Examining the nexus of labour pain and culture using an applied social science framework. Examinando el nexo del dolor de parto y la cultura usando un marco de ciencia social aplicada revista Horizonte de Enfermería. 2018;28 (2):53-78
- Richards G, Lukka L, Haslam C, Smith M, Moore B, O'Callaghan J & **Strong J**. Effects of long-term opioid analgesics on cognitive performance and plasma cytokine concentrations in patients with chronic low back pain: a cross-sectional pilot study, Pain Reports. 2018, 3(4):e669 July DOI:10.1097/PR9.0000000000000669
- Sinclair C, Meredith & **Strong J**. Case formulation in persistent pain in children and adolescents: The application of the non-linear dynamic systems perspective. British Journal of Occupational Therapy, 2018; DOI: 10.1177/0308022618802722



### Journal Articles: (cont)

8. Sinclair C, Meredith & **Strong J**. Sensory modulation: an important piece of the disability puzzle for adolescents with persistent pain, *Clinical Journal of Pain*, 2018 DOI:10.1097/AJP.0000000000000663
9. Tsai S, Crawford E & **Strong J**. Seeking virtual social support through blogging: a content analysis of published blog posts written by people with chronic pain *Digital Health*, 2018 <https://doi.org/10.1177/2055207618772669>.

## 2018 Conference Presentations – Invited Speaker, Oral and Poster

### Invited Speaker:

1. **Andrews N**. Overactivity in chronic pain: myth or reality? 17<sup>th</sup> World Congress on Pain, September 2018
2. **Andrews N**. The development and implementation of a mobile health platform to support activity pacing in chronic pain. Australian Pain Society 38<sup>th</sup> and New Zealand Pain Society Conjoint Annual Scientific Meeting, April 2018
3. **McKittrick A**. Critical Care Polyneuropathy in the Burns Population: an Overview, Mental Health and Critical Care Health (MaCCH) Symposium – Sydney October 2018.

### Oral Presentations:

1. **Donovan M**, Tyack Z, Paratz J, Muller M. Interim pressure garment therapy: investigating low level pressure therapy for burns donor site support and scar reduction. Australian New Zealand Burns Association, Brisbane October 2018
2. **Healing K, Lowrie D**. Exploring the Impact of Drought on the Occupational Experiences of Livestock Farmers: a Narrative Inquiry. SARRAH National Rural and Remote Allied Health Conference, September 2018
3. **McKittrick A**, Gustafsson L, **Strong J**. A systematic review to investigate outcome tools currently used for patients who have sustained hand burn injuries and to map the psychometric properties of the outcome measures identified from the literature across the ICF, Australian New Zealand Burns Association, Brisbane October 2018
4. **McKittrick A, Jones A, Laracy S, Strong J**. The Effective use of Cinemagraphic Remedial Make Up by Occupational Therapy to Conceal Disfiguring Scars, ISBI New Delhi, December 2018
5. **Rowland TJ**, O'Sullivan JD, Delatycki MB, **Strong J**, Corbin LA. Electrical stimulation to improve upper limb function in people with Friedreich Ataxia. 13<sup>th</sup> Annual Friedreich Ataxia Scientific Symposium, Melbourne, 25 October 2018
6. Tyack Z, Thynne A, **McKittrick A**, Darton A, Clayton N, Kwiet J, Edmondson R, Perrett T. The Australian New Zealand Burn Association rehabilitation course: an overview of the development process and pilot course, Australian New Zealand Burns Association, Brisbane October 2018.

### Poster Presentations:

1. **Molloy E**, Gray P, **Jones A, Strong J, Laracy S**. Immersive Virtual Reality in Occupational Therapy practice as a non-opioid analgesic during burn wound-care procedures, Australian New Zealand Burns Association, Brisbane October 2018.



## Physiotherapy

The Physiotherapy research program continued to be driven by the diverse range of services delivered to both inpatients and outpatients of the RBWH who often have physical impairments underlying their movement disorders. The Department encourages wide participation in research and quality improvement with the aim of enhancing clinical outcomes for clients through maximising the effectiveness and efficiency of physiotherapy services.

### Clinical benefits of research:

The Physiotherapy department research program has a strong clinical focus, ensuring the effective translation of research into clinical practice for immediate benefit to clients.

### Research highlights for 2018 include:

- A focus on incorporating technology to increase access to services and improve outcomes to a wide variety of clients with musculoskeletal conditions, burn injury and balance and mobility disorders using telehealth, mobile applications and 3-Dimensional motion analysis
- Continued research into advanced and extended scope of practice roles in primary contact musculoskeletal and vestibular physiotherapy clinics and medicines prescribing by emergency physiotherapy practitioners
- A wide variety of clinical research studies such as cutting edge critical care and burn injury projects.

### Research Collaborations:

- The Physiotherapy Department continues to form strong research collaborations including continuation of existing Conjoint Research Fellow positions with Griffith University (Assoc Prof Jenny Paratz) and University of Queensland (Dr Shaun O'Leary). Furthermore, relationships and research collaborations have been newly formed with RECOVER Injury Research Centre and Queensland University of Technology.

### Achievements:

2018 was another successful year for the Department of Physiotherapy with 23 peer reviewed publications, 13 national and international conference presentations and close to \$200,000 in competitive grant funding. Five staff were currently completing research higher degrees with one staff member successfully attaining a PhD in 2018. The Orthopaedic Physiotherapy Screening Clinic research team led by Maree Raymer and Dr Shaun O'Leary received the Health Service Implementation Award at the Metro North 2018 Excellence in Research Awards, while the Spinal Physiotherapy Screening Clinic and Multidisciplinary Service was awarded the Allied Health Service Line Award at the 2018 QuARRIE awards.

2018 also saw the inaugural round of grants distributed through the Physiotherapy Research Fund with four grants totalling \$50,000 awarded in a competitive peer reviewed research funding program. This funding program coincided with the implementation of a Research Coordinator role within the Physiotherapy Department jointly held by Dr Peter Window and Michelle Cottrell with the aim of involving a wider cross section of staff and clinical specialties in research and quality improvement.



## Supervised Post-Graduate Research Students

Name (RBWH staff in bold)	Current Studies (e.g. PhD, Masters etc.) University (duration)	Research Project Title	Supervisors (RBWH staff in bold)
Alan Wan	PhD UQ (2016-2019)	Movement Evoked Pain Sensitivity in Chronic Spinal Pain	<b>Shaun O'Leary</b> , Michael Sullivan, Michelle Sterling
Deokhoon Jun	PhD UQ (2013-2018) Conferred January 2018	A longitudinal study of risk factors for neck pain in office workers	<b>Shaun O'Leary</b> , Venerina Johnston, Steven McPhail
<b>Ian Parker</b>	PhD, ACU (2013-2019)	The Prevalence, Profile and Efficacy of conservative management for Hospital Ear Nose and Throat Category 2 and 3 wait list patients with vestibular dysfunction	Nancy Low Choy, Ann Rahman, Tracy Comans, David Goode
Jemima Boyd	MPhil, Griffith (2016-2018) Conferred Dec 2018	Haemodynamic measurement in mobility post cardiac surgery	<b>Jennifer Paratz</b> , James Walsh
Judith Bellapart	PhD UQ (2013-2017)	Cerebral microcirculation in head injury: an ovine model	John Fraser, <b>Jennifer Paratz</b> , Rob Boots
<b>Julie Adsett</b>	PhD, Griffith (2013-2019)	Safety and efficacy of aquatic exercise in stable heart failure	Norm Morris, Allison Mudge, <b>Jennifer Paratz</b>
Khalid Jaber	MPhil UQ (2015-2017) Conferred July 2018	Pain sensory and psychological predictors of response to total knee replacement	<b>Shaun O'Leary</b> , Michael McAuliffe, Michelle Sterling
Lauren O'Connor	PhD, Griffith (2015-2018)	The effect of the Passy Muir valve on postural retraining	<b>Jennifer Paratz</b> , Norm Morris
<b>Mark Cruickshank</b>	PhD QUT (2017-2023)	An Evaluation of Physiotherapy Prescribing in the Emergency Department	Lisa Nissen, Greg Kyle
Maureen Peasy	MPhil, Griffith (2015-2019)	Physical activity in COPD	<b>Jennifer Paratz</b> , Norm Morris
<b>Michelle Cottrell</b>	PhD, UQ 2015-2019)	Evaluating the impact of a telerehabilitation model of care in an orthopaedic physiotherapy-led screening clinic & multidisciplinary service	Trevor Russell, <b>Shaun O'Leary</b> , Anne J Hill, Tracy Comans
Michelle McGrath	MPhil, QUT (2014-2018) Conferred July 2018	"The use of 3-dimensional motion analysis to determine whether quantitative criteria can be found for the Prechtl's Qualitative Assessment Method of General Movement (GMsA) classifications of <i>writhing</i> and <i>fidgiting</i> in the normative infant population"	Ian Turner, <b>Robyn Grote</b> , Joe Young, Mark Pearcy
Olivia Galea	PhD UQ (2015-2018)	The role of cervical musculoskeletal impairment in concussion	<b>Shaun O'Leary</b> , Julia Trelevan
Orlando Flores	PhD UQ (2014-2018)	Metabolism in Burns	<b>Jennifer Paratz</b> , Kellie Stockton, <b>Zephanie Tyack</b>
<b>Peter Window</b>	PhD UQ (2013-2018) Conferred March 2018	2D motion analysis measurements in low back pain	Shaun O'Leary, Kylie Tucker, Paul Hodges, Trevor Russell
Rebecca Hardy	MPhil (2017-2019)	Physical activity post heart-lung transplantation	Norm Morris, <b>Jennifer Paratz</b>
Rebecca Kelly	MPhil, Griffith (2015-2019)	Factors predicting daily physical activity post heart transplantation	<b>Jennifer Paratz</b> , Norm Morris

## 2018 Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions

Name	Type of Fellowship	Research Program	University (years)
Jennifer Paratz	Conjoint Principal Research Fellow	Multiple projects in the area of ICU and Burns	Griffith University (2014-2019)
Michelle Cottrell	RBWH Physiotherapy Research Coordinator		N/A
Peter Window	RBWH Physiotherapy Research Coordinator		N/A
Robyn Grote	Principal Research Fellow Qld Motion Analysis Centre, RBWH	Projects in 3-dimensional motion analysis in newborns, and patients with severe burns, investigation of the use of 3D motion capture and virtual reality as a treatment for patients with trauma.	University of Queensland (2010 – current)
	Adjunct Professor, Faculty of Health, QUT	Cost-effective analysis of the use of 3-dimensional gait analysis in the treatment of severe burns.	Queensland University of Technology (2016 – current)
	Honorary Senior Fellow, UQ Centre for Clinical Research	The development of a hypertonicity register for patients in S-E Qld	
Shaun O'Leary	Conjoint Fellow	Multiple projects in the area of Musculoskeletal Physiotherapy and supervision of Honours, Masters and PHD students	University of Queensland (2016 – 2018)

## 2018 Current RBWH Research Group / Department Led Research Activity

RBWH Research Group/Department Lead Researchers	Collaborative Researchers	Research Project Title
Anita Plaza	<b>Jennifer Paratz, Michelle Cottrell</b>	Telehealth for the delivery of Physiotherapy exercise programs following burn injury
Emilie Amiss	<b>Merinda Rhodes, Michelle Cottrell</b>	Evaluation of a stepping strategy mobile application in cardiopulmonary rehabilitation: a prospective cohort study
Hildegard Reul Hirche	<b>Jennifer Paratz, Sonia Sam</b>	Risk factors in lymphoedema
Ian Parker	Gretta Palmer (PAH), Leia Barnes (Logan), Tamsin Smith (GCUH).	An evaluation of the Allied Health Specialist Clinics – Vestibular Rehabilitation Services
Jennifer Paratz	Jason Roberts (UQ, Pharmacy), Michael Muller (Surgery), Kellie Stockton (LCCH), Rob Boots (Thoracic Medicine), Orlando Flores (UQ Medicine)	Beta blocker therapy in burns: an RCT
Jennifer Paratz	Jonny Younger (Cardiology), Sanjoy Paul (QIMR), Kellie Stockton (LCCH)	Cardiovascular disease in burn survivors
Jennifer Paratz	Kellie Stockton (LCCH), Rob Boots (Thoracic Medicine)	Exercise testing in the chronic critically ill
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
Jennifer Paratz	Rob Boots (Thoracic Medicine), Justin Kenardy (UQ CONROD), Fiona Coyer (RBWH & QUT Nursing), <b>Peter Thomas</b> , Tracy Comans (CAHR), Jack Iwashyna (University of Michigan), Ignacio Martin-Loaches (University of Dublin), Carol Hodgson (Monash University), Bernadette Bissett (Canberra University)	Improving the outcome of sepsis: RCT
Jennifer Paratz	Rob Boots (Thoracic Medicine), Michael Muller (Surgery), Rajeev Hegde (ICU)	Inhalation and right heart failure in burns
Jennifer Paratz	Geetha Kayambu (National University Hospital, Singapore), Rob Boots (Thoracic Medicine)	i-perform – early rehabilitation in sepsis
Jennifer Paratz	<b>Peter Thomas</b> , Alice Jones, George Ntoumenopolous (SUT), Antonio Torres (University of Barcelona), Gianluigi (University of Barcelona)	Location and identification of secretion retention in ICU patients
Jennifer Paratz	Michael Muller (Surgery), Rob Boots (Thoracic Medicine)	Microcirculation as an endpoint to burn resuscitation
Jennifer Paratz	Jonny Younger (Cardiology), Sanjoy Paul (QIMR), Kellie Stockton (LCCH)	Mortality in burns survivors
Jennifer Paratz	Tim O'Donovan (RBWH)	Neurodevelopmental outcomes in infants following HIE
Jennifer Paratz	<b>Peter Thomas</b> , Kellie Stockton (LCCH)	Saline installation in respiratory therapy in ICU, a crossover study
Joanna Hargreaves	<b>Peter Thomas</b> , Garry Kirwan(QEII)	Development of a clinical educator survey tool for determining clinical placement quality – validity and reliability testing of the CPQS-E tool
Leonie Naumann	<b>Jennifer Paratz, Michelle Cottrell, Hildegard Reul Hirche</b> , Tracy Comans (UQ), Anna Finnane (UQ), Trevor Russell (UQ)	Pilot study of education and monitoring for early lymphoedema detection being delivered by telehealth to patients after breast cancer surgery
Mahender Samanti	<b>Matthew Grundy, Catherine Chong, Michelle Cottrell</b>	Evaluation of hand splinting service to the management of hand injuries presenting to the RBWH Emergency and Trauma Centre
Mahender Samtani	<b>Jennifer Paratz, Shaun O'Leary</b>	Management of Back Pain in DEM: an RCT
Maree Raymer	Tracy Comans (UQ), <b>Shaun O'Leary, Louise Mitchell, Peter Window</b>	An evaluation of the variation in clinical and service related site characteristics of the state-wide Neurosurgical/Orthopaedic Physiotherapy Screening Clinic and Multidisciplinary Service (N/OPSC and MDS) and Orthopaedic Screening in Primary Care (OSIP)
Maree Raymer	<b>Patrick Swete Kelly, Tina Souvlis, Angela Chang (CAHR)</b>	Development and Implementation of a workforce development pathway to support advanced musculoskeletal physiotherapy (AMP) roles (Survey phase)

## 2018 Current RBWH Research Group / Department Led Research Activity (cont)

RBWH Research Group/Department Lead Researchers	Collaborative Researchers	Research Project Title
Maree Raymer	<b>Patrick Swete Kelly, Tina Souvlis, Louise Wellington,</b> Angela Chang (CAHR)	Development and Implementation of a workforce development pathway to support advanced musculoskeletal physiotherapy (AMP) roles (Consultation Phase)
Maree Raymer	<b>Nicole Moretto, Angela Chang, Shaun O'Leary,</b> Lachlan Standfield (Griffith University), Tracy Comans (UQ)	Implementing economic modelling to improve service planning in Specialist Orthopaedic and Neurosurgical Outpatient Services within Cairns and Hinterland, Gold Coast and West Moreton Hospital and Health Services (Background data collection)
Maree Raymer	Angela Chang (CAHR), <b>Shaun O'Leary, Nicole Moretto,</b> Tracy Comans (UQ), Sonya Osborne (AusHSI), Hannah Carter (AusHSI), Dean Blond (Gold Coast), Tania Cavanagh (Cairns and Hinterland), David Smith (West Moreton)	Implementing simulation modelling to improve service planning in Specialist Orthopaedic and Neurosurgical Outpatient services in the Cairns and Hinterland, Gold Coast and West Moreton Hospital and Health Services (Implementation evaluation)
Mark Cruickshank	<b>Maree Raymer,</b> Deborah Lenaghan (GCUH), Darryn Marks (GCUH), <b>Sonia Sam,</b> Tania Cavanagh (Cairns Hosp), Lisa Nissen (QUT), Mark Nelson (QEII), Dean Blond (GCUH), Rod Ellem (GC HHS), Cherie Hearn (PAH), Nicole Bellet (TPCH)	Physiotherapy Defined Scope of Practice (Prescribing)
Michelle Cottrell	<b>Shaun O'Leary, Maree Raymer,</b> Anne J Hill (UQ), Trevor Russell (UQ)	Evaluation of clinician's knowledge, acceptance and satisfaction of an innovative telehealth model of care for the multidisciplinary management of patients with chronic musculoskeletal conditions
Michelle Cottrell	<b>Perry Judd, Mark Cruickshank, Maree Raymer, Shaun O'Leary,</b> Anne Hill (UQ), Tracy Comans (UQ), Trevor Russell (UQ)	Spinal Physiotherapy Screening Clinic (SPSC) Telehealth Clinic: an evaluation of the first 2 years of service
Michelle Cottrell	<b>Shaun O'Leary, Maree Raymer,</b> Anne J Hill (UQ), Tracy Comans (UQ), <b>Mark Cruickshank, Perry Judd, Patrick Swete Kelly,</b> Trevor Russell (UQ)	Telerehabilitation in the multidisciplinary management of patients with chronic musculoskeletal conditions: a prospective cohort study
Michelle McGrath	<b>James Wood, Estelle Corr</b>	Can Three-Dimensional Motion Analysis and Fuzzy entropy detect movement differences in General Movement Assessment Categories in the normative infant population?
Michelle McGrath	<b>James Wood, Estelle Corr</b>	The use of 3-dimensional gait analysis and its efficacy on the adult population – a Systematic review
Perry Judd	Paula Easton (Mackay Base Hospital), <b>Michelle Cottrell,</b> Angela Chang (Centre for Allied Health Research)	Delivery of Orthopaedic Physiotherapy Screening Clinic (OPSC) Assessments from RBWH to Mackay Hospital via Telehealth
Peter Thomas		Physiotherapy management of chest trauma
Peter Thomas	<b>Jennifer Paratz</b>	Ventilator Hyperinflation in ventilated patients
Raj Singh	Suzanne Kuys (ACU), <b>Jennifer Paratz</b>	Circuit training in GEMS patients an RCT
Robyn Grote	<b>Michelle McGrath, Heidi White,</b> Bharat Phani Vaikuntam (UQ)	Cost-effective analysis of the use of 3-dimensional gait analysis in the treatment of severe burns  The development of a hypertonicity register for patients in S-E Qld
Sally Yin	<b>Jennifer Paratz</b>	Risk Factors for Readmission to the GEMS ward
Shaun O'Leary	Stephen McPhail (PAH), Pim Kuipers (PAH), Megan Dalton	Do clinicians have the necessary skills to facilitate optimal utilisation of health services by patients with chronic musculoskeletal disorders?
Shaun O'Leary	Stephen McPhail (PAH), Tracy Comans (CAHR), <b>Maree Raymer,</b> Asad Khan (UQ)	Optimising patient selection and resource utilization for the non-surgical management of common orthopaedic conditions
Shaun O'Leary	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?

## 2018 Collaborative Research Activity involving RBWH Research Group / Department

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Alan Wan (UQ)	<b>Shaun O'Leary</b>	Movement evoked pain sensitivity in chronic spinal pain
Boden I (Launceston General Hospital)	<b>Nanette Paxman, Peter Thomas</b> , multiple national and international co-investigators (CHESTY Collaborative)	CHESTY (CHEST infection prevalence after surgery): international multicentre observational trial
De Looze J (Internal Medicine Services – IMS)	Mary Fenn, Charles Denaro (IMS), Keshwar Baboolal (IMS), Peter Buttrum (Allied Health), <b>Peter Thomas</b> , Robyn Fox (Centre for Clinical Nursing), Thea-Grace Collier (CMORE), Alison Mudge (IMS), Jeffrey Lipman (ICU), John Gowardman (ICU)	Patients of concern at the RBWH – a prospective cohort study to define patient outcomes and risk of clinical deterioration
Deokhoon Jun (UQ)	<b>Shaun O'Leary</b>	A longitudinal study of risk factors for neck pain in office workers
Elise Gane (UQ)	<b>Shaun O'Leary</b>	Identifying risk factors for poor functional recovery of the neck and shoulder after neck dissection surgery in patients with head and neck cancer
Fiona Coyer (Critical Care)	Jessica Ingleman (QUT), Anthony Holley (ICU), <b>Peter Thomas</b> , Greg McNamara (ICU), Chris Edwards (QUT)	Extreme II – critically ill patient tissue reperfusion in two body positions and varied timed periods of load. RBWH
Helen Edwards (Caboolture Hospital)	Janelle Greitschus (QEII), Jenny Nucifora (GCUH), <b>Sonia Sam</b> , Susanne Keys (ACU)	Effectiveness of a Gynaecology Physiotherapy Screening Clinic (GPSC) in improving health outcomes and access to care for women on gynaecology outpatient waiting lists
Jane Nikles (RECOVER, UQ)	Michele Sterling (UQ), Robyn Tate (Uni of Sydney), Michael Perdices (RNSH), Geoff Mitchell (UQ), Chris Freeman (UQ), James McGree (QUT), Gerben Keijzers (Griffith & Bond University), Meng-Wong Taing (UQ), Tim Ballard (UQ), <b>Mark Cruickshank, Sally Byrne</b>	Personalised treatments for acute Whiplash Injuries: a pilot study
Karyn Heineger (CNC, RBWH TMS)	<b>Nanette Paxman</b> , Kathy Hocking, Prof Fiona Coyer	Identifying <b>CON</b> tributing factorS to tracheostomy stoma breakdown; a retrospective <b>TRA</b> cheostomy pressure Injury audit in an adult Intensive care unit
Kerina Denny (Gold Coast University Hospital)	<b>Jennifer Paratz</b> , David Paterson (Infectious Diseases), Jeff Lipman (ICU), Carl Pretorius (pathology), Joel Dulhunty (ICU)	Biomarker for Sepsis to Thwart Antibiotic Overuse in the Intensive Care Unit
Khalid Jaber (UQ)	<b>Shaun O'Leary</b>	Pain sensory and psychological predictors of response to total knee replacement
Leia Barnes, Renee de Maria (Logan Hospital)	<b>Ian Parker</b> , Tamsin Smith (GCUH)	Balance confidence compared across vestibular conditions
Matthew Linnane (TPCH)	Amanda Corley (TPCH), Amy Spooner (Centre for Clinical Nursing), <b>Peter Thomas</b> , Lawrence Caruana (TPCH), Oystein Tronstadt (TPCH), James Walsh (TPCH), John Fraser (TPCH)	A comparison of the effects of manual hyperinflation and ventilator hyperinflation on restoring end-expiratory lung volume after airway suctioning
Michael Muller (Burns)	<b>Jennifer Paratz</b> , David Reutens (UQ), Hana Burianova (UQ), Joel Dulhunty (ICU)	Burn prevention, an advertising campaign utilizing functional MRI
Michelle Stute (MNHHS)	Peter Buttrum (Allied Health), Merrillyn Banks (Nutrition and Dietetics), <b>Maree Raymer</b> , Tracey Comans (UQ), Sonia Sam (Allied Health), Nicole Moretto (Allied Health), Marita Bhagwat (Allied Health)	Allied Health Specialist Clinics Project
Olivia Galea (UQ)	<b>Shaun O'Leary</b>	The role of cervical musculoskeletal impairment in concussion
Rohan Grimley (SCUH)	<b>Brita Hughes</b>	Building efficient and equitable pathways to and through rehab in stroke (BEEPRS)
Sabrina Hernandez (The Alfred Hospital)	<b>Peter Thomas</b> , Hodgson C (The Alfred Hospital)	Mobilisation of patients in the acute setting following aneurysmal subarachnoid haemorrhage – a survey of current practice
Sandy Brauer (UQ, SHRS)	<b>Jennifer Paratz</b>	IMproving Physical Activity with Treadmill training following stroke: the stroke-IMPACT trial

## 2018 Collaborative Research Activity involving RBWH Research Group / Department (cont)

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Sue Berney (Austin Hospital),	<b>Jennifer Paratz</b> , Linda Denehy (University of Melbourne), Dale Needham (John Hopkins University, USA), Ramona Hopkins (Brigham Young University)	Estim cycle early rehabilitation in ICU: RCT
Venerina Johnston (UQ)	<b>Shaun O'Leary</b>	A workplace-based exercise intervention to prevent and reduce the economic and personal burden of non-specific neck pain in the office personnel
Xiaoqi Chen (UQ)	<b>Shaun O'Leary</b>	Prevention and reduction of neck pain in office workers and the effect of a workplace-based intervention
Yaheli Bet-Or (UQ)	<b>Shaun O'Leary</b>	Is there a difference in scapular kinematics between healthy controls and people with chronic neck pain?

## 2018 Research Awards and Achievements

Recipient	Award	Event
<b>Maree Raymer, Shaun O'Leary</b> , Tracy Comans (UQ), Angela Chang (CAHR), <b>Nicole Moretto</b> , Lachlan Standfield (Griffith)	Health Services and Implementation Research Award	MNHHS 2018 Excellence in Research Awards
<b>Mark Cruickshank</b> , Joel Dunstan, Tania Cavanagh, <b>Sonia Sam</b> .	Best Poster Award	Cairns Hinterland HHS Research and Quality Symposium 2018
<b>Michelle Cottrell, Perry Judd and the SPSC &amp; MDS Telehealth Clinic</b>	Allied Health Service Line Award	RBWH 2018 QuARRIES Awards

## 2018 Research Grants – Awarded

Investigators (RBWH staff in bold)	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2018	Total Amount (years)
<b>Emilie Amiss</b>	Physiotherapy Dept, RBWH	Evaluation of a stepping strategy mobile application in cardiopulmonary rehabilitation: a prospective cohort study	QPACT (Queensland Policy and Advisory Committee for new Technology)	\$20,367	\$40,734 (2018-2019)
<b>Julie Adsett</b>			Completion Assistance Post-Graduate Research Scholarship (CAPS)	\$5,250	\$5,250 (2018)
<b>Leonie Naumann</b> , Carrie-Anne Lewis (Nutrition and Dietetics)	Physiotherapy, Nutrition and Dietetics	Measuring body composition to determine prevalence of malnutrition and lymphoedema in allied health research studies	Private Practice Trust Fund Equipment Grants	\$21,053	\$21,053 (2018)
<b>Leonie Naumann, Jennifer Paratz, Hildegard Reul-Hirche, Michelle Cottrell</b> , Clare Burns, Anna Finnane, Tracy Comans, Trevor Russell	RBWH Physiotherapy and University of Queensland	A telehealth model for education and monitoring of early lymphoedema detection and shoulder dysfunction in patients after breast cancer surgery: a pilot cohort study	Health Practitioner Research Scheme	\$14,965	\$29,929 (2018-2019)
<b>Mark Cruickshank, Maree Raymer</b> , Deborah Lenaghan, Darryn Marks, <b>Sonia Sam</b> , Tania Cavanagh, Lisa Nissen, Mark Nelson, Dean Blond, Rod Ellem, Cherie Hearn, Nicole Bellet	RBWH Physiotherapy	Physiotherapy Defined Scope of Practice (Prescribing) Trial	Allied Health Professionals Office of Queensland (AHPOQ)	\$40,542	\$81,084 (2017-2018)
<b>Michelle Cottrell</b>	Physiotherapy	RBWH Foundation Scholarship (topup)	RBWH Foundation	\$8,000	\$8,000 (2018)

## 2018 Research Grants – Awarded (cont)

Investigators <i>(RBWH staff in bold)</i>	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2018	Total Amount (years)
<b>Michelle Cottrell, Shaun O'Leary, Maree Raymer, Anne J Hill, Tracy Comans, Mark Cruickshank, Perry Judd, Patrick Swete Kelly, Trevor Russell</b>	RBWH Physiotherapy and University of Queensland	Telerehabilitation in the multidisciplinary management of patients with chronic musculoskeletal conditions: a prospective cohort study	Health Practitioner Research Scheme	\$8,714	\$17,427 (2017-2018)
<b>Nanette Paxman</b>	<b>Katie Acland</b> QCRPN Tracheostomy Project Team members (state-wide)	State-wide Tracheostomy Survey	DOPSQ Funding Round 2018-19	\$500	\$5,000 (2018-2019)
<b>Nanette Paxman, Peter Thomas</b>	Physiotherapy Dept, RBWH	CHESTY – Chest infection prevalence after surgery	RBWH Physiotherapy Dept. Funding Round 2018	\$5,000	\$5,000 (2018-2019)
<b>Peter Thomas,</b>	Physiotherapy Dept, RBWH	Physiotherapy Management of Chest Trauma	RBWH Physiotherapy Dept. Funding Round 2018	\$10,500	\$15,730 (2018-2019)
<b>Raj Singh</b>	<b>Suzanne Kuys (ACU), Jennifer Paratz</b>	Circuit training in GEMS patients: a RCT	RBWH Foundation Research Grant 2018	\$35,000	\$39,387 (2018)
<b>Sally Yin, Jennifer Paratz</b>	Physiotherapy Dept, RBWH	Analysing risk factors for readmission to the Geriatric Evaluation and Management (GEM) ward	RBWH Physiotherapy Dept. Funding Round 2018	\$2,124	\$4,284 (2018-2019)





## 2018 Research Publications

### Journal Articles:

1. Bellapart J, Cuthbertson K, Dunster K, Diab S, Platts DG, Raffel OC, Gabrielian L, Barnett A, **Paratz J**, Boots R, Fraser JF. Cerebral Microcirculation and Histological Mapping After Severe Head Injury: A Contusion and Acceleration Experimental Model. *Front Neurol*. 2018 May 7;9:277. doi: 10.3389/fneur.2018.00277. eCollection 2018
2. Bellapart J, Cuthbertson K, Dunster K, Diab S, Platts DG, Raffel C, Gabrielian L, Barnett A, **Paratz J**, Boots R, Fraser JF. The effects of normovolemic anemia and blood transfusion on cerebral microcirculation after severe head injury. *Intensive Care Med Exp*. 2018 Nov 8;6(1):46
3. Boyd J, **Paratz J**, Tronstad O, Caruana L, McCormack P, Walsh J. When is it safe to exercise mechanically ventilated patients in the intensive care unit? An evaluation of consensus recommendations in a cardiothoracic setting. *Heart Lung*. 2018;47(2):81-86
4. Brauer SG, Kuys SS, **Paratz JD**, Ada L. Improving physical activity after stroke via treadmill training and self management (IMPACT): A protocol for a randomised controlled trial. *BMC Neurol*. 2018;18(1):13. doi: 10.1186/s12883-018-1015-6
5. **Cottrell M**, Hill AJ, **O'Leary S**, **Raymer M**, Russell T. Clinicians' perspectives of a novel home-based multidisciplinary telehealth service for patients with chronic spinal pain. *International Journal of Telerehabilitation*. 2018;10(2) [Epub ahead of print]; doi: 10.5195/ijt.2018.6249
6. **Cottrell M**, **O'Leary SP**, **Swete Kelly P**, Elwell B, **Hess S**, **Litchfield M**, McLoughlin I, **Tweedy R**, **Raymer ME**, Hill AJ, Russell TG. Agreement between telehealth and in-person assessment of patients with chronic musculoskeletal conditions presenting to an advanced-practice physiotherapy screening clinic. *Musculoskeletal Science and Practice*. 2018 ;38:99-105
7. Flores O, Tyack Z, Stockton K, Ware R, **Paratz JD**. Exercise training for improving outcomes post-burns: a systematic review and meta-analysis. *Clin Rehabil*. 2018 Jan 1:269215517751586. doi: 10.1177/0269215517751586. [Epub ahead of print]
8. Galea O, **Cottrell MA**, Treleaven JM, **O'Leary SP**. Sensorimotor and Physiological Indicators of Impairment in Mild Traumatic Brain Injury: A Meta-Analysis. *Neurorehabilitation and Neural Repair*. 32(2):115-128. doi: 10.1177/1545969ga318760728
9. Gane EM, McPhail SM, Hatton AL, Panizza BJ, **O'Leary SP**. The relationship between physical impairments, quality of life and disability of the neck and upper limb in patients following neck dissection. *Journal of Cancer Survivorship*, 2018 (published online). DOI: 10.1007/s11764-018-0697-5
10. Gane EM, Steele ML, Janda M, Ward LC, **Reul-Hirche H**, Carter J, Quinn M, Obermair A, Hayes SC. The Prevalence, Incidence, and Quality-of-Life Impact of Lymphedema After Treatment for Vulvar or Vaginal Cancer. *Rehabilitation Oncology*. 2018;36(1):48-55. DOI: 10.1097/01.REO.0000000000000102
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12. Jaber K, **O'Leary S**, Pedler A, Sterling M, McAuliffe M. Evidence of generalized mechanical hyperalgesia in patients with advanced knee osteoarthritis undergoing total knee arthroplasty. *The Knee*. 25(3):459-465. DOI: 10.1016/j.knee
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15. Kuys SS, Ada L, **Paratz J**, Brauer SG. Steps, duration and intensity of usual walking practice during subacute rehabilitation after stroke: An observational study. *Braz J Phys Ther*. 2018 Jun 15. pii: S1413-3555(17)30710-4
16. Linnane M, Tronstad O, Spooner A, Corley A, Barnett A, Walsh J, Caruana L, **Thomas P**. A comparison of the effects of manual hyperinflation and ventilator hyperinflation on restoring end-expiratory lung volume after endotracheal suctioning: a pilot physiologic study. *Journal of Critical Care*. doi: 10.1016/j.jcrc.2018.10.015
17. Mudge A, Denaro C, Scott A, Meyers D, **Adsett J**, Mullins R, Suna J, Atherton J, Marwick T. Addition of supervised exercise training to a post-hospital disease management program for patients recently hospitalized with acute heart failure: the EJECTION-HF randomized phase 4 trial. *JACC HF*. 2018; 6(2): 143-52
18. **O' Leary S**, Cush AM, Yang WNW, Taanevig C, Jiahui ET, McPhail SM. Is perceived force an accurate method of regulating exercise load for the neck? *Physiotherapy Theory and Practice*. 2018 Mar 30:1-6. doi: 10.1080/09593985.2018.1455250
19. **O'Leary S**, **Cottrell M**, **Raymer M**, Smith D, Khan A. General health factors may be a barrier to effective non-surgical multidisciplinary rehabilitation of common orthopaedic conditions in tertiary care settings. *BMC Musculoskeletal Conditions*. 2018. 19:348. DOI: 10.1186/s12891-018-2265-6
20. **Parker I**, Hartel G, **Paratz J**, Low Choy N, Rahmann A. A Systematic Review of the Reported Proportions of Diagnoses for Dizziness and Vertigo. *Otology and Neurology*. 2018; Epub of print. DOI: 10.1097/MAO.0000000000002044]
21. Steele M, Janda M, Vagenas D, Ward L, Cornish B, Box R, Gordon S, Matthews M, Poppitt S, Plank L, Yip W, Rowan A, **Reul-Hirche H**, Obermair A, Hayes S. Normative Interlimb Impedance Ratios: Implications for early diagnosis of uni- and bilateral, upper- and lower-limb lymphoedema. *Lymphatic Research and Biology*; 2018 [ Epub ahead of print]. DOI: 10.1089/lrb.2017.0082
22. Wan AK, Rainville P, **O'Leary S**, Elphinston R, Sterling M, Lariviere C, Sullivan MJL. Validation of an Index of Sensitivity to Movement Evoked Pain in Patients with Whiplash Injuries. *PAIN Reports*. 2018;3(4):e661. DOI: 10.1097/PR9.0000000000000661
23. Xiaoqi C, **O'Leary S**, Johnston V. Modifiable individual and work-related factors associated with neck pain in 740 office workers: Results of a cross-sectional study. *Brazilian Journal of Physical Therapy*. [Epub ahead of print 2018]. doi: 10.1016/j.bjpt.2018.03.003.

### Book Publication:

1. Jull G, Falla D, Treleavan J, **O'Leary S**. Management of Neck Pain Disorders: A research informed approach. London: Elsevier, 2018.

## 2018 Conference Presentations – Invited Speaker, Oral and Poster

### Invited Speaker:

1. **Naumann L**, Sheer R. Lymphoedema Workshop. Cancer Nurse Society of Australia Breast Care Symposium. Brisbane, Australia; 21<sup>st</sup> June 2018
2. **Naumann L**. Australasian Lymphology Association Update. British Lymphology Society conference; Staffordshire, England; 1-2 October, 2018
1. **Naumann L**. Challenges and achievements in physiotherapy in oncology. International Conference on Physical Therapy in Oncology. Amsterdam, Netherlands; 5<sup>th</sup> June 2018
2. **O'Leary S**. Is there a best exercise for neck pain? Invited speaker – Danish Headache Centre, Copenhagen, Denmark, 7<sup>th</sup> February, 2018
3. **Thomas P**. My Top 5 ICU Safety Concerns – Physiotherapist. ANZICS Safety and Quality Conference, Melbourne 2018.

### Oral Presentations:

1. **McGrath M**, Turner I, Xie H, Pearcy M, **Grote R**, Colditz P Can Three-Dimensional Motion Analysis and Fuzzy entropy detect movement differences in General Movement Assessment Categories in the normative infant population? 11<sup>th</sup> Australasian Biomechanics Conference 2018, Auckland, Dec 3 2018
2. **Parker I**. A systematic review of the reported proportions of diagnoses for dizziness and Vertigo. Neuro-Ontological Society Australia. Wellington, New Zealand: 22<sup>nd</sup> November, 2018
3. **Parker I**. Vestibular Rehabilitation as an alternative pathway to traditional medical models of care. Neuro-Ontological Society Australia. Wellington, New Zealand: 22<sup>nd</sup> November, 2018.

### Poster Presentations:

1. **Adsett J**, Hickey A, Foreman R. Heart Education Assessment Rehabilitation Toolkit (HEART) Online: 5 years on. ACRA. Brisbane 2018
2. **Adsett J**, Hickey A, Foreman R. Heart Education Assessment Rehabilitation Toolkit (HEART) Online: 5 years on. CSANZ. Brisbane 2018
3. **McGrath M**, Turner I, Xie H, Pearcy M, **Grote R**, Colditz P Can Three-Dimensional Motion Analysis and Fuzzy entropy detect movement differences in General Movement Assessment Categories in the normative infant population? World Congress of Biomechanics Dublin July 9 2018
4. **Sharpe C**, **Plaza A**. A review of weekend physiotherapy services for patients with burn injuries. Australian and New Zealand Burns Association (ANZBA) Conference. Brisbane:16-19<sup>th</sup> October, 2018
5. **Thomas P**, Clement P, Dhanani J, Francis M, Gowardman J, Karamujic N, Oddy D, Townsend S, Vann A. Where are the notes? Factors affecting the integration of an intensive care clinical information system's records into a hospital's medical record. ANZICS Safety and Quality Conference, Melbourne 2018.

## Other Communications and Outputs:

**Cottrell M**: Using telehealth to improve access to AMP services. InMotion magazine, Australian Physiotherapy, Association; April 2018

**Cruickshank M**: Moving Towards Physiotherapy Prescribing. Intouch Magazine, Australian Physiotherapy Association; Issue 1, 2018

**Stewart M and Swete Kelly P**: Taking a tailored education approach. Intouch Magazine, Australian Physiotherapy Association; Issue 4, October 2018.

## Psychology

In 2018, psychology within RBWH was re-established as a department in its own right. This has facilitated a greater focus on psychology based clinical research, evaluation, dissemination and integration within psychology services.

### Highlights have included:

- Mapping of research areas within the department to key psychology research academics across QUT, UQ and Griffith University. This has resulted in the establishment of key partnerships and collaborations with UQ and Griffith Universities, along with adjunct staff appointments within the School of psychology at UQ and QUT.
- Ethics approval of collaborative research programs:
  - Neuropsychological model of care for stroke patients undergoing a clot retrieval study
  - Investigation of the impact of anxiety and depression on inpatient care and outcomes of hospitalised geriatric patients
  - Assessment and diagnosis of Gender Dysphoria in the context of the initiation of gender affirming hormone treatment
  - Social-cognitive functioning among patients with epilepsy
  - The effects of temporal lobectomy on electrical brain potential in response to emotional stimuli
  - Collaborative publications in telehealth (Griffith University), neuropsychology (UQ) and oncology (National Research Consortium).

This year also saw successful departmental research funding applications through the *RBWH Capital Funding for Research and Training Equipment* grant round (Project: Wellbeing to your Door: the implementation of a mobile psychoeducation support service for staff and consumers) and the *CAHRLI Innovation/Translation Challenge* (Project: Enhancing Neuropsychological and Cognitive Rehabilitation Using Innovative Digital Resources in a Public Hospital Subacute Rehabilitation Service). Our UQ and Griffith research collaborations also resulted in success project funding through the *Research Project Enhancement Scheme* (Griffith University) (Project: an Investigation of the Physiological Markers of Process in Face-to-Face and Videoconference Psychotherapy) and the UQ Research Committee Second Seed Funding Scheme (UQ) (Project: the Effects of Temporal Lobectomy on Electrical Brain Potentials in Response to Emotional Stimuli).

It is envisaged that 2019 will see further development of productive research collaborations both with our university partners, but also with state and national government and non-government organisations and stakeholders.



## Supervised Post-Graduate Research Students

Name (RBWH staff in bold)	Current Studies (e.g. PhD, Masters etc.) University (duration)	Research Project Title	Supervisors (RBWH staff in bold)
<b>Stephanie Lawton</b>	PhD, Central Queensland University (2016-2024)	The dark side of imagination	Kevin Ronin, Robin Alter
Jenna Scambler	DPsych (Clin and Neuro), University of Queensland (2017-2021)	The effects of Temporal Lobectomy on Electrical Brain Potentials in Response to Emotional Stimuli	Alan Pegna, <b>Kate Thompson</b>

## 2018 Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions

Name	Type of Fellowship	Research Program	University (years)
<b>Ada Lo</b>	Adjunct Senior Lecturer	School of Psychology	University of Queensland (2018 – current)
<b>Angela White</b>	Adjunct Industry Fellow Clinical Consultant Adjunct Assoc. Prof.	School of Psychology	Queensland University of Technology (2018 – current) University of Queensland (2011 – current) University of Queensland (2018 – current)
<b>Drew Craker</b>	Adjunct Senior Lecturer	School of Psychology	University of Queensland (2018 – current)
<b>Elisabeth Hamernik</b>	Honorary Fellow	School of Psychology	University of Queensland (2008 – current)
<b>Kate Thompson</b>	Adjunct Senior Lecturer	School of Psychology	University of Queensland (2018 – current)
<b>Mala McHale</b>	Adjunct Senior Lecturer	School of Psychology	University of Queensland (2013 – current)
<b>Maree Grier</b>	Adjunct Lecturer	School of Psychology	University of Queensland (2018 – current)
<b>Rosemary Argall</b>	Adjunct Associate	School of Psychology	University of Queensland (2016 – current)
<b>Stephanie Lawton</b>	Adjunct Fellow	UQ Centre for Clinical Research	University of Queensland (2018 – current)

## 2018 Current RBWH Research Group / Department Led Research Activity

RBWH Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
<b>Ada Lo</b>	Claire Muller (Neurology), Meghan Osbourne (Neurology), <b>Kate Thompson, Elisabeth Hamernik, Angela White</b>	Neuropsychological model of care for stroke patients undergoing clot retrieval
<b>Elisabeth Hamernik</b>	<b>Andrew Craker, Mala McHale, Maree Grier, Amanda Fairclough, Amanda Francis, Christina Beckham, Desdemona Chung, Riley O'Donohue, Claire Jensen, Susan Elis, Scott Ruddell, Anna Salzgeber</b>	Clinical utility of the DSM-5 cross-cutting measure in a medical setting
<b>Elisabeth Hanson and Elisabeth Hamernik</b>	<b>Rachel Costa, Sally Price</b>	Assessment and diagnosis of Gender Dysphoria in the context of the initiation of gender affirming hormone treatment
<b>Genesta Nicolson</b>	<b>Angela White, Angela Chang (CAHR)</b>	A stitch in time: evaluation of the impact and efficacy of an MDT psychoeducation workshop for non-urgent referrals on the PTCMPC waitlist
<b>Scott Ruddell</b>	<b>Angela White, Bonnie Clough (GU), Leanne Casey (GU), Perry Judd (Physio), Michelle Cottrell (Physio), Mala McHale Andrew Craker, Elisabeth Hamernik, Kelly Stone</b>	Uptake, treatment expectations and outcomes of telepsychology within an orthopedic Screening Clinic
<b>Vanessa Whitehead and Rosemary Argall</b>	<b>Angela White, Nancy Pachana (UQ)</b>	Investigation of the impact of anxiety and depression on inpatient care and outcomes of hospitalised geriatric patients

## 2018 Collaborative Research Activity involving RBWH Research Group / Department

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Blum (UQCCR), J Scott (UQCCR), G Robison (UQCCR), D Gillis (UQCCR), G McKeon (UQCCR), A Ryan (UQCCR) M Connell (UQCCR)	<b>Donna Spooner (Psychology)</b>	Anti-NMDA-receptor encephalitis: an Australian case series examining patterns and predictors of cognitive outcomes
David Kavanaagh, Heidi Sturk, Samantha Wild (QUT)	<b>Angela White</b>	Australian Health Professional Referral Rates to Digital Mental Health services and programs: aa cross sectional study
David Kavanagh, Ross Young, Jane Shakespear-Finch, Stoyan Stoyaanov, Madhavan Mani, Oksana Zalenko (QUT), Catherine Quinn, Leanne Hides (UQ)	<b>Angela White</b>	Evaluation of the PTSD Coach Australia App by serving and ex-serving Defence members and by Clinicians
Haryana Dhillion (University of Sydney), Joanne Shaw (University of Sydney), David Kissane (Monash University), Danette Langbecker (University of Queensland) Kim Hobbs (Westmead Hospital), Laura Kirsten (Nepean Cancer Care Centre), Lisa Beatty (Flinders Centre for Innovation in Cancer), Lisa Vaccaro (University of Sydney) Carrie Lethborg (St Vincent's Hospital, Melbourne)	<b>Maree Grier</b>	Adjustment Working Group for the PoCoG Transforming Psychosocial Care of Patients in Australia: Implementation of a Comprehensive Training and Service Delivery Program
Hilary Jimmieson (Nutrition and Dietetics)	<b>Riley O'Donohue</b>	Quality improvement project: Development and provision of salt education group for individuals with chronic kidney disease
Jenna Scambler (UQ), Alan Pegna (UQ)	<b>Kate Thompson</b>	The effects of temporal lobectomy on electrical brain potential in response to emotional stimuli
Louise Cullen (DEM), Carol Jeffreys (DEM), Caitlin Lock (DEM), Emily Brownhill (DEM)	<b>Andrew Craker</b>	Wellness training for nurses in the Emergency Department
Maryam Ziaei (UQ), David Reutens (UQ and RBWH Neurology)	<b>Kate Thompson</b>	Social-cognitive functioning among patients with epilepsy
Tim Donovan (GSNU), Barbara Lingwood (UQCCR), Yvonne Eiby (UQCCR), Gill Lack (GSNU), Ian Wright (Uni Woollongong), Paul Colditz (UQCCR), Katie Foxcroft (Perinatal Research Centre)	<b>Stephanie Lawton</b>	<b>Preterm Early Adiposity and Childhood Outcome (PEACH Study)</b>

## 2018 Research Grants – Awarded

Investigators <i>(RBWH staff in bold)</i>	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2018	Total Amount <i>(years)</i>
Allan Pegna (UQ), <b>Kate Thompson</b>	RBWH Psychology / UQ Psychology Department	The Effects of Temporal Lobectomy on Electrical Brain Potentials in Response to Emotional Stimuli	UQ Research Committee Second Seed Funding Scheme for 2018	\$6,880	\$6,880 (2018)
<b>Andrew Craker, &amp; Angela White</b>	Psychology	Wellbeing to your Door: The implementation of a mobile psychoeducation support service for staff and consumers	RBWH Capital Funding for Research and Training Equipment 2018	\$7,344	\$7,344 (2018)
Bonnie Clough (Griffith University), <b>Angela White, Scott Ruddell,</b> Leanne Casey (Griffith University)	Psychology	An Investigation of the Physiological Markers of Process in Face-to-Face and Videoconference Psychotherapy	Research Project Enhancement Scheme, Griffith University	\$4,200	\$4,200 (2018)
Maryam Ziaei (UQ), <b>Kate Thompson,</b> David C. Reutens (UQ and Neurology)	Psychology and neurology	Social-cognitive functioning among patients with epilepsy	RBWH Hospital Foundation	\$29,970	\$59,940 (2017-2018)



## 2018 Research Publications

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### Journal Articles

1. Clough B, **Ruddell S**, Cassey L, **White A**. (2018). Your Therapist is Calling: using Videoconferencing Technologies to deliver Psychotherapy. *InPsych*, 40(5). The Bulletin of the Australian Psychological Society Ltd
2. Pender MP, Csurhes PA, Smith C, Douglas NL, Neller MA, Matthews KK, Beagley L, Rehan S, Crooks P, Hopkins TJ, Blum S, Green KA, Ioannides ZA, Swayne A, Aftab BT, Hooper KD, Burrows SR, **Thompson KM**, Coulthard A & Khanna R (2018) Epstein-Barr virus-specific T cell therapy for progressive multiple sclerosis. *JCI insight*, 3(22):e124714. <https://doi.org/10.1172/jci.insight.124714>
3. Pinsker D, **Lo A**, Haslam C, Pachana N & Pinsker H. (2018). Hit or Miss? Diagnostic contributions of neuropsychological assessment in patients with suspected dementia. *International Journal of Clinical Neurosciences and Mental Health*, 5 (2).

## 2018 Conference Presentations – Invited Speaker, Oral and Poster

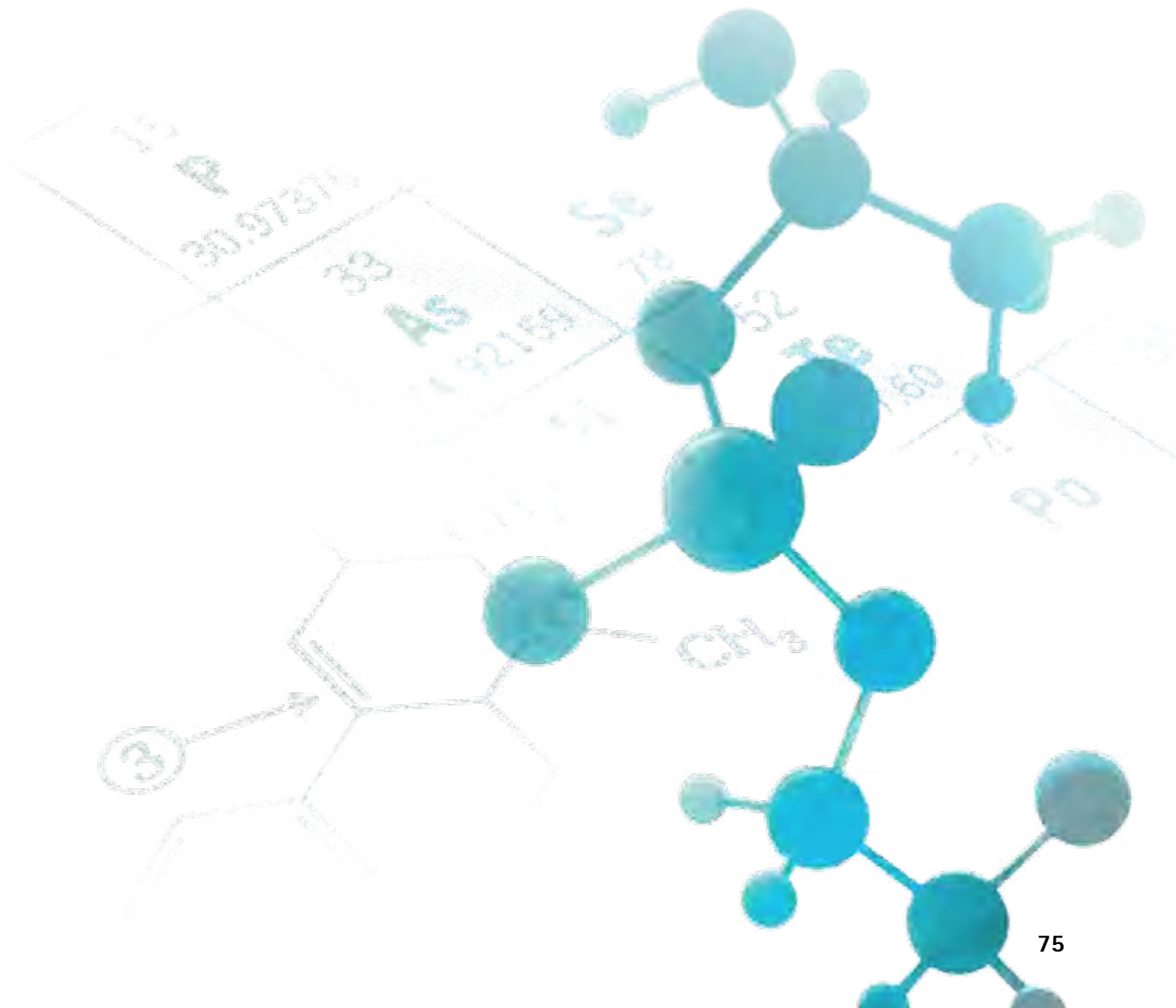
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### Oral Presentations:

1. Dhillon HM, Vaccaro L, Langbecker D, Beatty L, **Grier M**, Hobbs K, Kirsten L, Kissane D & Shaw J. (2018). Prevalence and management of adjustment disorder in cancer patients, In: 20<sup>th</sup> World Congress of Psycho-Oncology, Hong Kong, (137-137). 29 October – 2 November 2018. Oxford, United Kingdom: John Wiley & Sons.

### Poster Presentations:

1. Scambler J, **Thompson K**, Pegna A. The Effects of Temporal Lobectomy on Electrical Brain Potentials in Response to Emotional Stimuli. Accepted poster for presentation at the Australiasian Society for Social and Affective Neuroscience conference in Brisbane, Australia June 2018.



## Rehabilitation Engineering, Orthotics and Prosthetics

In 2018, the Orthotics and Prosthetics and Rehabilitation Engineering teams have continued to explore a wide range of research collaboration opportunities.

The Rehabilitation Engineering team now have strong links for research with both the Queensland University of Technology and James Cook University with undergraduate students from QUT working closely with staff on projects for both universities. Two key elements of the research work in 2018 for this team were the development of a cyclic testing rig to improve the design of custom cushions and exploring opportunities in 3D imaging and advanced manufacturing. The Rehabilitation Engineering team was well represented at the 2<sup>nd</sup> Australia Assistive Technology Conference in Melbourne in November with involvement in a total of four presentations related to these key areas of interest.



The Orthotic and Prosthetic team have developed increasing links with the Sunshine Coast University to add to the existing educational links with LaTrobe University and Queensland University of Technology. Projects starting in 2018 included preliminary work on new techniques for total contact facial orthoses fabrication and new methods to produce foot orthotics. The O&P staff have been working with the universities to build a research component into all future student placements to help stimulate research and evidence based practice.

It is hoped that these collaborations will produce significant research outcomes over the coming years with a focus on the management of skin integrity issues and advanced fabrication techniques.

### 2018 Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions

Name	Type of Fellowship	Research Program	University (years)
Peter Slattery	Adjunct Associate Professor	Faculty of Science and Engineering	Queensland University of Technology (2012 – current)

### 2018 Collaborative Research Activity involving RBWH Research Group / Department

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Shailendra Maharaj (LCCH)	Peter Slattery	Tele-Rehabilitation Engineering
Gunther Paul (James Cook University)	Peter Slattery	Seating cushion design simulation

### 2018 Conference Presentations – Invited Speaker, Oral and Poster

#### Oral Presentations:

1. Brown I, Hobbs D, Morris K, Rose A, **Slattery P**, Contoyannis W, Karthik P, “The role of Rehabilitation Engineering in Australian AT service delivery”, Australia Assistive Technology Conference 2018 (AATC), Melbourne Convention and Exhibition Centre, Melbourne 14-16 November 2018
2. **Mason O, Slattery P**, “Rehabilitation Engineering Centre - How are we helping?”, Australia Assistive Technology Conference 2018 (AATC), Melbourne Convention and Exhibition Centre, Melbourne 14-16 November 2018
3. **Slattery P, Mason O**, Woodruff M, **Collins M, Bateman A**, Liu A, “Advanced Imaging and Manufacture in Custom Assistive Devices”, Australia Assistive Technology Conference 2018 (AATC), Melbourne Convention and Exhibition Centre, Melbourne 14-16 November 2018
4. **Slattery P**, Paul G, **Condon J**, Veivers J, “Evidence into Practice – Designing Better Custom Cushions”, Australia Assistive Technology Conference 2018 (AATC), Melbourne Convention and Exhibition Centre, Melbourne 14-16 November 2018.

## Social Work

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The Social Work Department is committed to conducting research that addresses the psychosocial needs of patients and their families and mitigates social disadvantage. To this end, in 2018 we commenced work on an elder abuse project in recognition that hospitals are important sites for the identification of vulnerable older people. The project is a collaboration with social work researchers from the University of Queensland and aims to investigate how hospital staff currently assess and respond to elder abuse, with a view to developing an integrated model of care that is responsive to the needs of both older people and their carers. This initiative is timely given that the Australian Government recently rolled out a National Elder Abuse Research Agenda.

Domestic and family violence continues to be a key focus of the Department's work, with ongoing efforts to build an evidence base on effective interventions to ensure the safety and welfare of victims. Social workers in the Emergency and Trauma Centre participated in a multi-site investigation of screening practices used in hospital emergency departments which aims to improve detection of domestic violence. The development of a comprehensive data base to ascertain trends and patterns in domestic and family violence presentations complements this work.

Another initiative is the trial of a staff debriefing tool in the Emergency and Trauma Centre. Notably, this project aligns with Metro North's Values in Action with a specific focus on staff wellbeing. Future work will focus on evaluating the debriefing model and the receptiveness of clinicians to using the debriefing tool.

We continue to focus our efforts on building the research capacity of staff through mentoring and encouraging clinicians to showcase their work. In 2018, two of our staff presented at the Australian and New Zealand Social Work and Welfare Education and Research Conference in Adelaide. We also collaborated with social work colleagues from the University of Queensland to present a paper at the Joint World Conference on Social Work, Education and Social Development in Dublin. This paper reported on the pilot of a psychosocial acuity scale at RBWH which assists clinicians to identify clinical areas of high, medium and low psychosocial acuity and align resources to need. The study, the first of its kind in Australia, has since attracted interest from other hospital social work departments both locally and overseas.





## Supervised Post-Graduate Research Students

Name <i>(RBWH staff in bold)</i>	Current Studies <i>(e.g. PhD, Masters etc.)</i> University <i>(duration)</i>	Research Project Title	Supervisors <i>(RBWH staff in bold)</i>
Mithila Karmaker	PhD, UQ (2017-2018)	The housing pathways of Bangladeshi immigrants during the process of settling in Australia	<b>Gai Harrison</b> , Jill Wilson

## 2018 Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions

Name	Type of Fellowship	Research Program	University <i>(years)</i>
<b>Angela O'Malia</b>	Adjunct Senior Lecturer	School of Nursing, Midwifery and Social Work	UQ (3 yrs) 2016-2018
<b>Gai Harrison</b>	Honorary Senior Lecturer	School of Nursing, Midwifery and Social Work	UQ (3 yrs) 2016-2018

## 2018 Current RBWH Research Group / Department Led Research Activity

RBWH Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
<b>Angela O'Malia, Gai Harrison</b>	Karen Healy (UQ), Jill Wilson (UQ), John Drayton (UQ), Maree Peterson (UQ), Robyne LeBrocq (UQ)	Piloting a psychosocial acuity scale in social work at RBWH
<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
<b>Martha Druery</b>	Peter Newcombe (UQ), Cate Cameron (Griffith University), Jeffrey Lipman (UQ)	Quality of Life outcomes post-major burn injuries in adults – a longitudinal exploratory study
<b>Vanessa Walker</b>	<b>Erin Vaughan, Gai Harrison</b>	Evaluation of the <b>Sexual Assault Response Team (SART)</b> Service

## 2018 Collaborative Research Activity involving RBWH Research Group / Department

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Adrienne Young (Nutrition and Dietetics, RBWH)	Carrie-Anne Lewis (Nutrition and Dietetics), <b>Gai Harrison</b> , Claire Dux (Nutrition and Dietetics), Rachana Naidu (Nutrition and Dietetics), Rajeswari Badwa (Nutrition and Dietetics), Jessic Fry (Nutrition and Dietetics), Liliana Botero (Nutrition and Dietetics), Marilyn Banks (Nutrition and Dietetics)	Exploring the roles and values of dietetic assistants at RBWH
Thomas Torpie (GCUH)	<b>James Ready</b> , James Hughes (Nursing)	Domestic and Family Violence Screening in the Emergency Department: who's doing it? How are they doing it? How often?

## 2018 Research Grants – Awarded

Investigators <i>(RBWH staff in bold)</i>	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2018	Total Amount <i>(years)</i>
<b>Martha Druery</b> , Peter Newcombe (UQ), Cate Cameron (Griffith University), Jeffrey Lipman (UQ)	UQ, Griffith University, Social Work	Quality of Life outcomes post-major burn injuries in adults – a longitudinal exploratory study	Professor Stuart Pegg Adult Burns Centre, RBWH, Living Allowance Stipend	\$10,000	\$10,000 (2018)



## 2018 Research Publications

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### Book Chapters / Letter Publications:

1. **Harrison, G.** Transnational social workers and the Australian labour market. In: Bartley, A, Beddoe, L, editors. Transnational social work: opportunities and challenges of a global profession. Bristol: Policy Press; 2018.

## 2018 Conference Presentations – Invited Speaker, Oral and Poster

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### Invited Speaker:

1. **Druery M.** Towards a Scarless World: psychosocial management to optimise quality of life. Australian and New Zealand Burns Association Annual Scientific Meeting, October 2018.

### Oral Presentations:

1. **Druery M.** The Trials and Tribulations of Peer-led Burns Support Initiatives in Australia: are we ‘throwing the baby out with the bath water’? Australian and New Zealand Burns Association Annual Scientific Meeting, October 2018
2. **Fox S.** Working with grief and loss: Disrupting theory to make way for skills development. ANZSWWER, September 2018
3. **O’Malia A, Harrison, G,** Le Brocq R, Healy, K, Petersen, M. Aligning resources to need in health care social work: Piloting the psychosocial acuity scale at the Royal Brisbane & Women’s Hospital. The Joint World Conference on Social Work, Education and Social Development 2018. Dublin
4. **Webber P.** Moving beyond a structured approach to professional development for new graduates: implementing a bottom up approach to learning. Australian New Zealand Social Work and Welfare Education and Research (ANZSWWER), September 2018.

### Poster Presentations:

1. **Druery M.** Rising to the challenge of long-term follow up research in burns: reducing attrition. Australian and New Zealand Burns Association Annual Scientific Meeting, October 2018.



## Speech Pathology and Audiology

The Speech Pathology and Audiology Department research program has continued to flourish in 2018. The research program is diverse and spans across a range of services provided by the Speech Pathology and Audiology Department. The Speech Pathology research program encompasses the service areas of cancer care, acute and critical care as well as neurorehabilitation. The Audiology research program is currently focused on the areas of cochlear implants and tinnitus.

In essence, the research program aims to embed research into core clinical services and ensure translation of research into practice. We have continued to grow our collaborative partnerships in 2018 with ongoing successful partnerships with UQCCR Language Neuroscience Group and UQ School of Health and Rehabilitation Sciences. Furthermore, we have developed new collaborations with RECOVER Injury Research Group, UQ and QUT.



**Key Outcomes and Achievements:** The department had a successful research year with an increase in participation of clinicians publishing peer reviewed papers and presenting at conferences. Furthermore, there has been an increase in the number of clinicians undertaking research high degrees as well as Speech Pathology and Audiology clinicians preparing for enrolment in research higher degrees. An outstanding achievement was the international recognition of Dr Clare Burns' pioneering telepractice research by the international Dysphagia Research Society (DRS). The DRS awarded Dr Burns the National Foundation of Swallowing Disorders Award at their annual scientific meeting in Baltimore, USA. In addition, Dr Burns and the Speech Pathology Led Telehealth Team were awarded a Highly Commended in the field of Health Service and Implementation Research at the MNHHS Research Excellence Awards. Another research award included Laura Moroney (PhD Candidate) winning the CAHRLI New Researcher Award at the CAHRLI Symposium.

A further outstanding achievement included Dr Clare Burns being awarded an inaugural Metro North Clinician Research Fellowship to further develop research in speech pathology telepractice services. The success of Dr Burns' research has led to telepractice being embedded within the Speech

Pathology Department and this new program of research will expand into other telepractice models of care and other patient groups who experience dysphagia.

The Speech Pathology and Audiology Department have a clear vision to build a research program which translates into benefits for our consumers and we are committed to researching new models of service provision and clinical innovation. We look forward to continuing to progress our research vision in 2019.

### Supervised Post-Graduate Research Students

Name <i>(RBWH staff in bold)</i>	Current Studies <i>(e.g. PhD, Masters etc.)</i> University <i>(duration)</i>	Research Project Title	Supervisors <i>(RBWH staff in bold)</i>
<b>Georgia Thomas</b>	PhD, UQ (2014-2019)	Language Outcomes in patients with Brain Tumours	Dave Copland, Katie McMahon
<b>Laura Moroney</b>	PhD, UQ (2015-2019)	Dysphagia and related toxicities in head and neck patients undergoing Helical Intensity Modulated Radiotherapy (H-IMRT) +/- chemotherapy	Liz Ward, <b>Jane Crombie</b> , <b>Clare Burns</b>
<b>Leisa Turkington</b>	PhD, UQ (2013-2019)	Neurogenic dysphagia and sensory enhancement strategies	Liz Ward, <b>Anna Farrell</b>
<b>Sarah Wilson</b>	MPhil, UQ (2018-2022)	Assessment of dysphagia following laryngectomy	Bena Cartmill, <b>Clare Burns</b>
<b>Shana Taubert</b>	PhD, UQ (2016-2020)	Videofluoroscopic Swallow Studies: education and training approaches	Liz Ward, <b>Clare Burns</b>

## 2018 Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions

Name	Type of Fellowship	Research Program	University (years)
Alice Pender	Honorary Associate Lecturer	Audiology, School of Health and Rehabilitation Sciences	University of Queensland (2016-2019)
Anna Farrell	Honorary Lecturer Research Coordinator	Speech Pathology, School of Health and Rehabilitation Sciences Speech Pathology Department, RBWH	University of Queensland (2017-2020)
Bonnie Cheng	Honorary Research Position in Speech Pathology, RBWH	Predicting and Promoting Sub-acute Aphasia Recovery	University of Queensland (2018-2019)
Carla Rose	Honorary Associate Lecturer, Audiology, UQ	Audiology, School of Health and Rehabilitation Sciences	University of Queensland (2018-2020)
Clare Burns	Honorary Lecturer	Speech Pathology, School of Health and Rehabilitation Sciences	University of Queensland (2017-2020)
Ellie Minchell	Honorary Research Position in Speech Pathology, RBWH	Predicting and Promoting Sub-acute Aphasia Recovery	University of Queensland (2018-2019)
Jane Watts	Honorary Research Position in Speech Pathology, RBWH	Predicting and Promoting Sub-acute Aphasia Recovery	University of Queensland (2018-2019)
Lisa Anemaat	Honorary Research Position in Speech Pathology, RBWH	Predicting and Promoting Sub-acute Aphasia Recovery	University of Queensland (2018-2019)

## 2018 Current RBWH Research Group / Department Led Research Activity

RBWH Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
Alexia Rohde	Linda Worrall (UQ), Erin Godecke (Edith Cowan), Robyn O'Halloran (La Trobe), <b>Anna Farrell</b> , <b>Penni Burfein</b> , Andrew Wong (Stroke), Genevieve Skinner (Stroke)	Evidence-based identification of aphasia using a rational clinical examination approach
Alice Pender	<b>Carla Rose</b> , Angela Chang (Centre for Allied Health Research), Tracy Comans (UQ)	Patient outcomes following cochlear implant surgery
Anna Farrell	Anna Rumbach (UQ), Stacey Verner-Wren (TPCH), Rebecca Nund (UQ), Nerina Scarinci (UQ), Nicole Hutchinson (Neurology), Robert Henderson (Neurology), Pamela McCombe (Neurology)	Patient and family carer experiences of dysphagia in Motor Neurone Disease: determining speech pathology service needs for those living in rural and remote locations
Belinda Lehn, Sarah Wilson	<b>Clare Burns</b> , <b>Ann-Louise Spurgin</b> , Robert Hodge (ENT), Martin Batstone (MaxFacs)	Evaluation of speech and swallowing outcomes following total laryngectomy and pharyngolaryngectomy
Carla Rose	<b>Lynell Bassett</b> , Sharon Kelly (ENT)	Evaluation of the First Contact Audiology Clinics
Clare Burns	Liz Ward (CFARH; UQ), Annie Hill (UQ), <b>Lynell Bassett</b> , Liz Kenny - Cancer Care (CC), Karen Malcolm - Sunshine Coast University Hospital (SCUH), Rebecca Hicks, Jenni-Lee Rees	Health service evaluation of two Speech Pathology models of care providing support to Head and Neck Cancer patients living in regional sites within Queensland Health
Clare Burns	Liz Ward (CFAHR; UQ), Annie Hill (UQ), Ben Keir (Medical Physics), Sharon Kelly (ENT), Linda Porter (Medical Imaging), Nick Phillips (Medical Imaging)	Conducting instrumental assessments of adult dysphagia via telehealth
Clare Burns	Liz Ward (CFAHR; UQ), Robyn Saxon (Sunshine Coast HHS), Brooke Cowie (Metro North HHS), Amy Gray (Wide Bay HHS), Lisa Baker (Wide Bay HHS), Natalie Winter (Cairns and Hinterland HHS), Sarah Bignell (South West HHS)	Development, implementation and evaluation of a Queensland Health telepractice model for the clinical assessment of adult dysphagia
Clare Burns	Liz Ward (CFAHR; UQ), Claire Blake, Liz Kenny, Rachael Villiers (CQHHS), Mia Hemingbrough, Tracy Comans (UQ), Kerrie-Anne Frakes (CQHHS), Phil Greenup (QH)	Implementation of a telepractice service providing specialist swallowing, nutrition, and communication intervention for patients with head and neck cancer
Laura Moroney	Liz Ward (CFAHR), <b>Jane Crombie</b> , <b>Jennifer Helios</b> , <b>Clare Burns</b> , <b>Ann-Louise Spurgin</b> , Liz Kenny (CC), Brett Hughes(CC), Claire Blake (Nutrition and Dietetics)	Dysphagia and related toxicities in head and neck patients undergoing Helical Intensity Modulated Radiotherapy (H-IMRT) +/- chemotherapy
Laura Moroney	<b>Jennifer Helios</b> , Liz Ward (CFAHR; UQ), <b>Jane Crombie</b> , Anita Pelecanos (QIMR), <b>Clare Burns</b> , <b>Ann-Louise Spurgin</b> , Claire Blake, Liz Kenny, Ben Chua, Brett Hughes, Tracy Comans (UQ)	Implementation of the Head and Neck Cancer Low Risk Speech Pathology Pathway

## 2018 Current RBWH Research Group / Department Led Research Activity (cont)

RBWH Research Group / Department Lead Researchers	Collaborative Researchers	Research Project Title
Leisa Turkington	Liz Ward (CFHAR; UQ), <b>Anna Farrell</b>	Neurogenic dysphagia and sensory enhancement strategies
Lynell Bassett	<b>Jennifer Helios</b>	Evaluation of the First Contact Dysphagia Clinic
Lynell Bassett, Sonia Baker	Rob Boots (Medical-Tracheostomy Management Team), Nanette Paxman (Physiotherapy), Karyn Heineger (Nursing)	Evaluation of the Tracheostomy Management Team (TMT)
Sarah Heaton	<b>Anna Farrell, Lynell Bassett</b>	Implementation of the Dysphagia Screening Tool
Sarah Heaton, Anna Farrell	Anna Rumbach (UQ) and Katrina Webster (Ipswich Hospital)	Dysphagia outcomes in Subarachnoid Haemorrhage
Shana Taubert	<b>Clare Burns</b>	Video fluoroscopic Swallow Study referral processes at RBWH
Shana Taubert and Clare Burns	Liz Ward (CFAHR; UQ), Kellie McCarthy (PAH)	Evaluating an e-Learning program for training in Adult MBS assessment

## 2018 Collaborative Research Activity involving RBWH Research Group / Department

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Alicja Malicka (UQ), Anita Burgess (UQ Audiology masters Student)	<b>Carla Rose, Alice Pender</b>	Evaluating the impact of joint Audiology-ENT clinical pathways on outpatient services and efficiencies: a quality assurance project
David Copland (UQ), Tracy Roxbury (UQ), Katie McMahon (UQ), Greig de Zubicaray (QUT), Marcus Meinzer (UQ)	<b>Penni Burfein, Anna Farrell, Andrew Wong</b> (Stroke)	Predicting and Promoting Sub-Acute Aphasia Recovery
Deborah Theodoros (UQ), Brooke-Mai Whelan (UQ), Louise Cahill (UQ), David Copland (UQ), Alan Coulthard (UQ), Elizabeth Cardell (Griffith), Adam Vogel (University of Melbourne), Stacie Park (ACU), Katie McMahon (HIRF)	<b>Anna Farrell</b>	Be Clear Online: an intensive speech treatment for adults with non-progressive dysarthria
Georgia Thomas (UQ), David Copland (UQ)	<b>Nadia Borgna, Sarah Heaton, Anna Farrell, Lindy Jefree</b> (Neurosurgery)	The use of functional magnetic resonance imaging and MRI diffusion tractography for pre-surgical mapping and investigation of neuroplasticity in adults with a brain tumour
Leonie Naumann (Physiotherapy), Jennifer Paratz (Physiotherapy), Hildegard Reul-Hirche (Physiotherapy), Michelle Cottrell (Physiotherapy), Anna Finnane (UQ), Tracy Comans (UQ), Trevor Russell (UQ)	<b>Clare Burns</b>	A telehealth model for education and monitoring of early lymphoedema detection and shoulder dysfunction in patients after breast cancer surgery: a pilot cohort study
Linda Worrall (UQ), David Copland (UQ), Melissa Lawrie (Gold Coast HHS), Liz Ward (UQ), Moya Pattie (Wesley)	<b>Penni Burfein, Anna Farrell</b>	Can a new, intensive model of aphasia rehabilitation achieve better outcomes than usual care?
Salma Charania (TPCH), Anna Rumbach (UQ), Petrea Cornwell (Griffith University & TPCH), Rebecca Nund (UQ)	<b>Anna Farrell, Robert Henderson</b> (Neurology), Nicole Hutchinson (Neurology)	A year in the life: the impact of changes in communication for a person with MND and their family and friends
Theresa Green (RBWH & QUT), Bernd Ploderer (QUT), Tara Hormann (RBWH)	<b>Anna Farrell</b>	An image-based tablet app to support communication of daily activity scheduling between patients with post-stroke aphasia, family and hospital staff

## 2018 Research Awards and Achievements

Recipient	Award	Event
Clare Burns	The National Foundation of Swallowing Disorders Award	Dysphagia Research Society, Annual Scientific Meeting, 17 <sup>th</sup> March 2018
Clare Burns	Research Translation Award	Queensland Health Speech Pathology Advisory Committee Annual Awards September 2018
Clare Burns and Speech Pathology Led Telehealth Team	Highly Commended – Health Service and Implementation Research	MNHHS Research Excellence Awards, 22 <sup>nd</sup> May 2018
Laura Moroney	CAHRLI New Researcher Award	CAHRLI Symposium, 20 <sup>th</sup> June 2018

## 2018 Research Grants – Awarded

Investigators ( <i>RBWH staff in bold</i> )	RBWH Research Groups / Departments	Project Title	Granting Body	Amount in 2018	Total Amount (years)
<b>Alice Pender</b>	Audiology	Hearing loss and ear-related issues in adult Indigenous Australians	MNHHS Allied Health Pre-PhD/Pre-MPhil Scholarship	\$10,532	\$10,532 (2018)
<b>Clare Burns</b>	Speech Pathology and Cancer Care	Implementation and evaluation of a telehealth service providing specialist speech pathology and nutrition and dietetics intervention for patients with head and neck cancer	Post-Doctoral Fellowship Grant – RBWH Research Foundation	\$40,000	\$80,000 (2017-2018)
Damien McDermid, Adrienne Young, Jack Bell, Therese Green, Rebecca Moore, <b>Anna Farrell</b> , Chloe Jarvis, Juliette Mahero, Andrew Wong	Nutrition and Dietetics, Stroke, Speech Pathology	Implementation and Evaluation of a Multi-site Acute Stroke Nutrition Care Pathway	HP Research Scheme	\$26,059	\$26,059 (2018)
<b>Laura Moroney</b>	Speech Pathology and Cancer Care	Dysphagia outcomes in head and neck cancer patients undergoing tomotherapy	RBWH Foundation PhD Scholarship	\$36,864	\$36,864 (2018)
<b>Leisa Turkington</b>	Speech Pathology	Neurogenic dysphagia and sensory enhancement strategies	RBWH Foundation PhD Scholarship	\$36,864	\$36,864 (2018)
Leonie Naumann, Jennifer Paratz, Hildegard Reul-Hirche, Michelle Cottrell, <b>Clare Burns</b> , Anna Finnane, Tracy Comans, Trevor Russell	Physiotherapy, Speech Pathology	A telehealth model for education and monitoring of early lymphoedema detection and shoulder dysfunction in patients after breast cancer surgery: a pilot cohort study	HP Research Scheme	\$29,929	\$29,929 (2018)
<b>Nadia de Silva</b>	Speech Pathology	Development of a validated intra-operative language protocol for patients with brain tumours undergoing awake craniotomy	CAHLRI Pre-PhD/Pre-MPhil Scholarship	\$10,532	\$10,532 (2018)
<b>Penni Burfein</b>	Speech Pathology	Return to work for younger stroke survivors with aphasia in the Australian context	CAHLRI Pre-PhD/Pre-MPhil Scholarship	\$13,077	\$13,077 (2018)
<b>Shana Taubert</b>	Speech Pathology	Enhancing practice in videofluoroscopic swallow study assessment	RBWH Foundation PhD Scholarship	\$36,864	\$36,864 (2018)

## 2018 Research Publications

### Journal Articles:

- Bhagwat M**, Hewetson R, Jones L, Hill A, Nunn J, Tosh R, & Cahill L. Comparison of Paired and Single Clinical Placement Models: a Time-Use Analysis. *International Journal of Language & Communication Disorders*, (2018), 53(3), 468-479
- Burns C** & Wall L. Using telepractice to support the management of Head and Neck Cancer: key considerations for speech-language pathology service planning, establishment, and evaluation. *Perspectives of the ASHA Special Interest Groups*, (2018) 2(13), 139-146. doi:10.1044/persp2.SIG13.139
- Dunn K**, & Rumbach A. Incidence and risk factors for dysphagia following non-traumatic subarachnoid haemorrhage: a retrospective cohort study. *Dysphagia*, (2018), doi.org/10.1007/s00455-018-9934-3
- Moroney L, Helios J, Ward E, Crombie J, Blake C**, Pelecanos A, Chua B, Kenny L. Helical IMRT with concurrent chemotherapy for oropharyngeal SCC: a Prospective investigation of acute swallowing and toxicity patterns. *Head and Neck*, (2018) 40(9):1955-1966. doi: 10.1002/hed.25182
- Moroney LB, Helios J, Ward EC, Crombie J**, Pelecanos A, **Burns CL, Spurgin A-L, Blake C**, Chua B, Kenny L & Hughes BGM. Radiotherapy for cutaneous head and neck cancer and parotid tumours: a prospective investigation of treatment related acute swallowing and toxicity patterns. *Supportive Care in Cancer*, (2018), doi.org/10.1007/s00520-018-4352-5
- Rohde A**, Worrall L, O'Halloran R, Godecke E, **Farrell A**. Diagnosis of aphasia in stroke populations: a systematic review of language tests. *PLoS ONE*, (2018) 13(3): e0194143. doi.org/10.371/journal.pone.0194143
- Twomey K, **Lehn B**, Vasani, S. Management of leaking tracheoesophageal puncture with hyaluronic acid injection. *Head and Neck*, (2018). 1-4DOI: 10.1002/hed.25162
- Young A, Treleaven E, & **Farrell A**. Nutrition, Mealtimes: recipes for success. *Journal of Clinical Practice in Speech-Language Pathology*, (2018), 20(3), 177-179.

## 2018 Conference Presentations – Invited Speaker, Oral and Poster

### Oral Presentations:

1. **Burns C**, Ward E, Cowie B, Saxon R, Gray A, Baker L, Bignell S, Winter N, Rusch R. – service outcomes, costs, consumer engagement and implementation issues associated with establishment of telehealth service for clinical assessment of dysphagia in 5 sites. Speech Pathology Australia Conference, Adelaide, 29<sup>th</sup> May 2018
2. **Burns C**, Ward E, Cowie B, Saxon R, Gray A, Baker L, Bignell S, Winter N, Rusch R. An evaluation of service outcomes, costs and consumer engagement following implementation of telepractice services for clinical assessment of dysphagia. Dysphagia Research Society Annual Scientific Meeting, Baltimore USA, March 2018
3. **Collins A, Burns C**, Ward E, Comans T, Blake C, Kenny L, Greenup P, Best D. Home based telehealth service for swallowing and nutritional management following head and neck cancer treatment. Speech Pathology Australia, Adelaide, 29<sup>th</sup> May 2018
4. **Dignam J**, Rodriguez A, O'Brien K, **Burfein P, Farrell A**, McKinnon E, Copland D. (2018). Probe naming performance as a predictor of anomia treatment success. Aphasiology Symposium of Australasia, Sunshine Coast, 28<sup>th</sup> November 2018
5. **Farrell A**, Rumbach A, Nund R, Scarinci N, Verner-Wren S, Hutchinson N, Henderson R, McCombe P. (2018). The lived experience of MND: Caregiver perspectives of the impact of communication and mealtime-related problems. Speech Pathology Australia Conference, Adelaide, 29<sup>th</sup> May 2018
6. Roxbury T, McMahon K, **Wong A, Farrell A, Burfein P, Taubert S**, O'Brien K, Read S, Coulthard A, Copland D. Neurophysiological markers of language recover in sub-acute stroke. An fMRI study. Aphasiology Symposium of Australasia, Sunshine Coast, 28<sup>th</sup> November 2018
7. **Turkington L**, Ward E, **Farrell A**. Impact of carbonation on neurogenic dysphagia. Smart Strokes, Sydney, 7<sup>th</sup> August 2018.

### Poster Presentations:

1. Ward E, **Burns C**, Cowie B, Saxon R, Gray A, Baker L, Bignell S, Turvey J, Rusch R. Evaluation of the implementation of telepractice services for the clinical assessment of adult swallowing disorders. Dysphagia Research Society Annual Scientific Meeting, Baltimore, USA, March 2018
2. **Whitty S, Farrell A, Gallagher J**, Wong A. Swallow and communication outcomes following Endovascular clot retrieval for acute stroke. Speech Pathology Australia Conference, Adelaide 30<sup>th</sup> May 2018.

### Other Communications and Outputs:

- Clare Burns      Video of Dr Burn's telehealth research featured in new CRE Telehealth video  
<https://cretelehealth.centre.uq.edu.au/what-is-telehealth>
- Clare Burns      Invited speaker to deliver international webinar to American Association of Veterans Affairs Speech Language Pathologist with Prof Liz Ward (CFAHR, UQ). Implementing telepractice in the care pathway for patients with head and neck cancer. 10<sup>th</sup> December 2018.

