

NURSING AND

MIDWIFERY SERVICES



Nursing and Midwifery Services



Adj. Prof. Alanna Geary
Executive Director
Nursing and Midwifery Services
MNHHS

Nursing and Midwifery services are a shining example of the effort and commitment that is necessary to ensure high quality research outcomes. Our ongoing focus is to strengthen and grow a research culture, ensuring sustainability into the future. This is achieved through our mentorship opportunities including the employment of research nurses on clinical trials and studies; as well as the one-on-one ‘drop in’ research support to help nurses undertake their own research and work alongside world class researchers at Royal Brisbane and Women’s Hospital.

Nursing and Midwifery research continues to have a strong focus on improving patient outcomes by producing best evidence to support healthcare delivery. Nurse-led research projects conducted at the RBWH and in partnership with our collaborating institutions continue to shape evidence-based practice both nationally and internationally. This important research has been published in several high-quality nursing and medical journals, including the Lancet, the Journal of Hospital Medicine, and the Cochrane Library.

2018 saw the retirement of Professor Joan Webster, who has been the Director, Nursing Research since 1991. We would like to express our sincere gratitude to Joan for success in providing a strong foundation for our positive nursing and midwifery research culture. As a result of Joan’s leadership, mentorship, positive role modelling and education, many nurses and midwives have begun their own academic and research pursuits.

2018 was a fine example of the ongoing efforts of our researchers, and I am sure 2019 will continue to expand and embed research within Nursing and Midwifery. As the Executive Director Nursing and Midwifery, I would like to congratulate all our dedicated Nursing and Midwifery Researchers and all of those who assisted in making what we have achieved possible in 2018. I look forward to the next exciting chapter of our wonderful journey.



Nursing and Midwifery Research Centre

We have again completed a very successful year in terms of research outputs with 26 published papers, 14 conference presentations and a total of \$1,312,107.46 in competitive grant funding. We currently have 37 active research projects, three of which are NHMRC funded (the Dressing trial, evaluating the effectiveness of negative pressure wound therapy on clean surgical wounds to prevent surgical site infection; and the PISCES trial, evaluating various central line dressings and devices to prevent catheter failure from any cause; and the ENCORE trial, Transforming nursing assessment in acute hospitals: A cluster randomised controlled trial of an evidence based core assessment protocol).

Research support is provided through the Evidence-Based Practice program; which continues to attract a great deal of backing from nurse/midwifery managers; who need to adjust rosters to enable staff to be released for 1-day/week for 12 weeks. Furthermore, the new 'mentoring' program, offers one-to-one research support for nurses and midwives who are keen to undertake a research study or a practice improvement project. Support is provided for the full spectrum of research activity, from refining a research idea into a researchable question; literature searching; protocol development; research design; obtaining Ethics approval; data collection and analysis; and publishing. A total of 19 higher research-degree students are being supervised, primarily by Professors Fiona Coyer and Theresa Green.

Staff from the unit have also won numerous awards for research excellence this year. For example, Professors Fiona Coyer and Theresa Green won QUT Vice Chancellors awards for Excellence for their research professorial units; Nicole Marsh won the Australian College of Nursing's Research award and the Menzies Health Institute Queensland 'Excellence in Publishing Award'. Other awards included 'Outstanding Leadership Award' (Professor Joan Webster); and the Cecelia Brazil Research Award (Nicole Marsh and Joan Webster).

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)
Hajar Alasmari	PhD, Queensland University of Technology (2012-2018)	Examining Intensive Care Nurses' Clinical decision-making associated with acute kidney injury and continuous renal replacement therapy in Saudi Arabia	Prof Ann Bonner, Prof Fiona Coyer
Sonia Hines	PhD, Queensland University of Technology	An educational intervention to improve nurses' research literacy	Prof Joanne Ramsbotham, Prof Fiona Coyer
Sandra Johnston	PhD, Queensland University of Technology	Effectiveness of high fidelity simulation as a teaching tool in undergraduate nursing education	Prof Fiona Coyer , Prof Robyn Nash
Lizanne Dalglish	PhD, Queensland University of Technology	The role of microcirculatory dysfunction and skin breakdown in the critically ill	Prof Fiona Coyer , Dr Jill Campbell , Dr Kathy Finlayson, Prof Andre VanZundert
Adrianna Hada	PhD, Queensland University of Technology (2017- 2021)	Transforming patient outcomes through improved and effective nursing clinical handover	Prof Fiona Coyer , Dr Leanne Jack
Paul Jarrett	PhD, Queensland University of Technology (2017-2021)	Administration of antibiotics in the intensive care unit	Prof Fiona Coyer , Prof Sam Keogh, Prof Jason Roberts
Anthony Batterbury	PhD, Queensland University of Technology (2018-2021)	How sick is too sick and how heavy too heavy? A mixed method study to understand clinical acuity and dependence to define thresholds for escalation or resource mobilisation	Prof Fiona Coyer , A/Prof Clint Douglas
Hannauh Rheault	Doctor Health Science, Queensland University of Technology (2014-2019)	Examining the health literacy and chronic disease self-management of remote Aboriginal Australians: a mixed method study	Prof Ann Bonner, Prof Fiona Coyer
Leanne Stone	Doctor Health Science, Queensland University of Technology (2014-2019)	Comparing "Magnet" attributes in nursing between Australia and the United States	Prof Fiona Coyer , Prof Ray Chan, Prof Alexandra McCarthy
Bryan Gregory	PhD, Queensland University of Technology (2018-2022)	The effects of continuous renal replacement therapy and sustained low-efficiency dialysis on immunosuppressive drug levels in critically ill patients with acute kidney injury	Prof Fiona Coyer , Prof Jason Roberts, Prof Ann Bonner
Jessica Ingleman	Masters of Applied Science (Research), Queensland University of Technology (2016-)	Exploring tissue reperfusion in two body positions and varied load periods in critically ill patients (EXTREME 2 pressure study)	Prof Fiona Coyer , Dr Christina Parker

Supervised Post-Graduate Research Students (cont)

Name (RBWH staff in bold)	Current Studies (e.g. PhD, Masters etc.) University (duration)	Research Project Title	Supervisors (RBWH staff in bold)
David McIntyre	PhD, Queensland University of Technology (2016-)	Developing and validating haemodialysis nurse-sensitive indicators	Prof Ann Bonner, Prof Fiona Coyer
Tain Lloyd	Master of Applied Science (Research), Queensland University of Technology (2016-)	Investigation of Chronic Kidney Disease and Stroke Development	Prof Ann Bonner, Prof Theresa Green , Dr. Louise Purcell
Eric Tanlaka	PhD, University of Calgary (2016-)	The impact of wait times on outcomes of stroke rehabilitation	Prof Kathryn King-Shier, Prof Theresa Green
Cheryl Blaber	Masters of Applied Science (Research), Queensland University of Technology	The assessment and management of pain and suffering in persons with cognitive impairment approaching the end of life as inpatients within an acute tertiary facility	Prof Theresa Green , Dr. John Rosenburg, Dr. Jenny Fox
Pauline Nicholas	Masters of Applied Science (Research), Queensland University of Technology	Using brain training to improve cognition of patients on dialysis	Prof Ann Bonner , Prof Theresa Green , Dr. Louise Purcell
Lan Van Huong	Doctor of Philosophy	Exploring of family support for people receiving haemodialysis therapy in Vietnam	Prof Ann Bonner, Prof Theresa Green
Nicole Marsh	PhD, Griffith University	Prevention of peripheral intravenous catheter failure	Prof Claire Rickard, Prof Marie Cooke, Prof Joan Webster
Amanda McKie	MPhil, QUT	Sexual dysfunction in patients with CKD	Prof Ann Bonner , Prof Theresa Green

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

Name	Type of Fellowship	Research Program	University (years)
Emily Larsen	Project Manager/ Honorary Research Fellow	Numerous Vascular Access Trials	Griffith University (2017-2020)
Julie Flynn	Project Manager	Numerous Vascular Access Trials	Griffith University (2011 – current)
Claire Rickard	Honorary Research Fellow	Numerous Vascular Access Trials	Griffith University (2017-2020)
Amy Spooner	Honorary Research Fellow	Cancer Care Research	QUT (2017-2020)
Amanda Ullman	Honorary Research Fellow	Numerous Vascular Access Trials	Griffith University (2017-2020)
Anne Bonner	Honorary Research Fellow	Numerous Renal projects – please refer to Internal Medicine Research Report	QUT (2017-2020)
Jo Wu	Honorary Research Fellow	Cardiac research	University of Sunshine Coast (2017-2020)
Samantha Keogh	Honorary Research Fellow	Numerous Vascular Access Trials	QUT (2016-2019)
Amanda Corley	Honorary Research Fellow	Critical Care Research; Vascular Access Trials	Griffith University (2017-2020)
Carol Reid	Honorary Research Fellow	No current active projects with Nursing Services	Griffith University (2016-2019)
Gillian Ray-Barruel	Honorary Research Fellow	Vascular Access Trials	Griffith University (2018-2021)
Carol Windsor	Honorary Research Fellow	Transforming nursing assessment in acute hospitals: A cluster randomised controlled trial of evidence-based nursing core assessment	QUT (2016-2019)
Monica Stankiewicz	Honorary Research Fellow	No current active projects with Nursing Services	Redcliffe Hospital (2017-2020)
Sonya Osborne	Honorary Research Fellow	Clinically-indicated replacement versus routine replacement of peripheral venous catheters – a Cochrane Systematic Review	QUT (2016-2019)

2018 Research Positions: Coordinators, Fellow, Adjunct and Honorary Positions (cont)

Name	Type of Fellowship	Research Program	University (years)
Tiffany Harris-Brown	Honorary Research Fellow	Infection Control	UQ (2018-2021)
Karen New	Honorary Research Fellow	Women's and Newborn Services	UQ (2018-2021)
Jessica Ingleman	Project Manager	The effect of time spent in a position on critically ill patient's skin: the EXTREME pressure 2 study. Extreme pressure study: exploring pressures, tissue reperfusion and body positioning – a pilot evaluation among critically ill patients	QUT (2014-2018)
Jane-Louise Cook	Project Manager	Efficacy of nasogastric and endotracheal tube securement devices, preventative dressings and topical skin applications for reducing device-related pressure injuries in intensive care patients; the REMEDy study, a randomised controlled trial. Translating evidenced-based pressure injury prevention into the intensive care environment: the SUSTAIN trial	QUT (2014-2018)
Anna Doubrovsky	Project Manager	Efficacy of Incontinence-Associated Dermatitis interventions for critically ill patients in intensive care; the Distinct pilot randomised control trial.	QUT (2016-2018)
Fiona Coyer	Visiting Professor	Institute for skin integrity and infection prevention	University of Huddersfield (2016 – current)
Theresa Green	Adjunct Professor, Visiting Research Fellow, Fellow of the American Heart Association	Neurology/Neurosurgical Nursing Research	<ol style="list-style-type: none"> 1. University of Calgary, Faculty of Nursing (2015-present) and Hotchkiss Brain Institute Alberta Health Services, Department of Clinical Neurosciences (2013 – present) 2. Gold Coast University Hospital (2017-2020) 3. AHA (2017 – current)
Joan Webster	Adjunct Associate Professor, Professor, Associate Professor, Honorary Visiting Professor	Nursing Research	<ol style="list-style-type: none"> 1. School of Nursing, UQ 2001 – current 2. School of Nursing and Midwifery, Griffith University 3. School of Nursing and Midwifery, University of Queensland 4. The University of Manchester
Alanna Geary	Adjunct Associate Professor, Adjunct Associate Professor, Adjunct Professor	Nursing Research ENCORE Trial	<ol style="list-style-type: none"> 1. School of Nursing Queensland University of Technology (2010 – current) 2. School of Nursing and Midwifery Griffith University (2015 – current) 3. School of Nursing and Midwifery University of Queensland (2017 – current)
Robyn Fox	Adjunct Associate Professor, Adjunct Associate, Professor Clinical Associate Professor	Nursing Research ENCORE Trial	<ol style="list-style-type: none"> 1. School of Nursing Queensland University of Technology (2009 – current) 2. School of Nursing and Midwifery University of Queensland (2017 – current) 3. Australian Catholic University (2012 – current)
Catriona Booker	Clinical Associate Professor, Clinical Fellow	Nursing Research ENCORE Trial	<ol style="list-style-type: none"> 1. Queensland University of Technology (2018 – current) 2. Australian Catholic University (2012 – current)

2018 Current RBWH Research Group / Department Led Research Activity

RBWH Research Group/Department Lead Researchers	Collaborative Researchers	Research Project Title
Prof Fiona Coyer (Nursing Research and Critical Care)	Jill Campbell (Skin Integrity)	Efficacy of incontinence-associated dermatitis interventions for critically ill patients in intensive care; The Distinct pilot randomised control trial
Prof Fiona Coyer (Nursing Research and Critical Care)	Tony Parker (QUT), Jill Campbell (Skin Integrity), Anna Doubrovsky (QUT)	BiocheMical characteristics and hEaling rates of medical device-related pressure Injuries (the MEDICI study); a prospective observational pilot study
Prof Fiona Coyer (Nursing Research and Critical Care)	Stacey Watts (ICU), Dr Jayesh Dhani (ICU), Prof Samantha Keogh, QUT	Intensive Care Point of Care Testing for Arterial Gas Analyses: the INCEPT audit
Prof Theresa Green (Nursing Research and Neuro)	Tara Hormann (Stroke), Dr Tony Parker (QUT), Dr Jonathon Peake (QUT), A/Prof Gregory Bix (USA)	Characteristics of physical activity required to elevate circulating neuroprotective LG3 peptide as a novel stroke therapy
Prof Theresa Green (Nursing Research and Neuro)	Dr David Rosengren (Emergency Medicine), Kevin Clarke (MNHHS Nsg Admin), Kerrie Gillespie (QUT), Bernd Ploderer (QUT)	Better Individualised Stroke Care Using Technology (BISCUT)
Prof Theresa Green (Nursing Research and Neuro)	Dr Anna Farrell (RBWH/SLP), Tara Hormann (RBWH/Stroke), Jennyfer Tayler (QUT), Bernd Ploderer (QUT)	An image-based tablet app to support communication of daily activity scheduling between patients with post-stroke aphasia, family and hospital staff
Theresa Green (Nursing Research and Neuro)	Bernd Ploderer (QUT), Anna Farrell (Speech Pathology), Tara Hormann (Neurology)	Aphasia Communication App
Theresa Green (Nursing Research & Neuro)	Andrew Wong (Internal Medicine), Sandy Jamieson (Internal Medicine)	Post-acute NP-led stroke service delivery model: managing residual neurological issues and multiple chronic conditions post discharge – a pilot project
Theresa Green (Nursing Research and Neuro)	B Ploderer (QUT)	StrokeAssist aphasia app evaluation
Nicole Marsh (Nursing Research)	Prof Joan Webster (Nursing Research), Prof Claire Rickard (Griffith), Marie Cooke (Griffith), Emily Larsen (Griffith), Sue Cadigan (Surgical)	RELIABLE (RELIable Intravenous Access By Line Experts)
Nicole Marsh (Nursing Research)	Emily Larsen (Griffith), Sam Tapp (HITH), Prof Claire Rickard (Griffith)	Hospital In The Home (HITH) – Management of Peripherally Inserted Central Catheters a retrospective cohort study
Prof Joan Webster (Nursing Research)	Brigid Gillespie (Griffith), Wendy Chaboyer (Griffith), David Ellwood (Griffith), Helen Stapleton (UQ), Jennifer Whitty (UQ), Lukman Thalib (Kuwait University), Nicky Cullum (Uni of Manchester), Margarete Somerville (Nursing Research), Deborah Birthisel (Nursing Research)	Adding negative pressure to improve healing (the DRESSING trial)
Nicole Marsh (Nursing Research)	Claire Rickard (Griffith), Amanda Ullman (Griffith), Tricia Kleidon (LCCH)	Secure My Intravascular Line Effectively (SMILE)
Nicole Marsh (Nursing Research)	Joan Webster (Nursing Research), Amanda Ullman (Griffith), Gabor Mihala (Griffith), Marie Cooke (Griffith), Claire Rickard (Griffith)	Peripheral intravenous catheter failure and complications in adults: a systematic review and meta-analysis. (a study)
Joan Webster (Nursing Research)	Sonya Osborne (QUT), Claire Rickard (Griffith), Nicole Marsh (Nursing Research/Griffith)	Clinically indicated replacement versus routine replacement of peripheral venous catheters
Joan Webster (Nursing Research)	Paul Scuffham (Griffith), Monica Stankiewicz (Redcliffe Hospital), Wendy P Chaboyer (Griffith), Zhenmi Liu (Manchester Uni), Jo C Dumville (Manchester Uni), Gill Norman (Manchester Uni)	Negative pressure wound therapy for surgical wounds healing by primary closure

2018 Collaborative Research Activity involving RBWH Research Group / Department

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Alison Mudge	Adrian Barnett (PAH), Merrilyn Banks (RBWH) , Ruth Hubbard (PAH), Prof Nick Graves (QUT), Dr Nancy Peel (UQ), Assoc Prof Kwang Lim (Uni of Melbourne), Dr Irene Blackberry (La Trobe Uni), Prof Theresa Green (Nursing Research and Neuro) , Prue McRae (UQ), Jessica Suna (RBWH) , Adrienne Young (RBWH)	Collaborative for Hospitalised Elders: Reducing the Impact of Stays in Hospital (CHERISH)
Margot LeesonSmith, (Nutrition and Dietetics)	Prof Theresa Green (Nursing Research and Neuro) , Adrienne Young (RBWH), Rebecca Moore (TPCH)	Implementation and evaluation of a multi-site acute stroke nutrition care pathway
Rohan Grimley (Nambour Hospital)	Theresa Green (Nursing Research and Neuro) , Ingrid Rosbergen (RBWH) , Dr Suzanne Keys, Dr Louise Gustafsson, Dr Eleanor Horton, Dr Benjamin Chen (Gold Coast Hospital), Greg Cadigan (Health Improvement Unit)	Building efficient and equitable pathways to and through rehabilitation in stroke
Kathleen Finlayson (QUT)	Helen Edwards (QUT), Prof Fiona Coyer (Nursing Research and Critical Care)	Validity of laser speckle contrast imaging for assessment of superficial perfusion in the lower limb of patients with vascular leg and foot ulcers
Stijn Blot (Ghent Uni Belgium)	Sonia Labeau (Ghent Uni Belgium), Prof Fiona Coyer (Nursing Research & Critical Care) , Wendy Chaboyer (Griffith), Frances Lin (Griffith)	DecubICUs one-day point-prevalence study on pressure injuries in ICUs
Helen Edwards (QUT)	Kerrie Coleman (Skin Integrity) , Patricia Sinasac (TPCH), Kathleen Finlayson (QUT), Prof Fiona Coyer (Nursing Research and Critical Care) , Christina Parker (QUT), Jessica Schluter (TPCH)	Reducing the prevalence and severity of wounds through implementation of the Champions for Skin Integrity Model – Protecting Skin Integrity (PSI)
Claire Rickard (Griffith)	Nicole Marsh (Nursing Research) , Peter Carr (Fiona Stanley Hospital), Gavin Jackson (Fiona Stanley Hospital), Marie Cooke (Griffith), Marianne Wallis (Griffith)	Integrated versus nOn-integrated Peripheral inTravenous catheter. Which Is the most clinical and cost-effective system for peripheral intravenoUs catheter Management? (The OPTIMUM trial)
Prof Claire Rickard (Griffith)	Li Zhang (Griffith), Prof Joan Webster (Nursing Research) , Marie Cooke (Griffith), Peter Mollee (PAH), Alexandra McCarthy (PAH), Samantha Keogh (QUT), Cindy Mervin (Griffith), Nicole Marsh (Nursing Research)	Prevention of central venous catheter infection and occlusion by needleless connector design and disinfection in haematology-oncology patients
Prof Claire Rickard (Griffith)	A McCarthy (Griffith), Tricia Kleidon (LCCH), Emily Larsen (Griffith), Li Zhang (Gold Coast Uni), Amanda Ullman (Griffith), Nicole Marsh (Nursing Research) , Rachel Edwards (LCCH), Melissa Arneil (PAH)	Controlling device Occlusion and infection by Connector Design And decontamination (The COCOA pilot trial)
Emily Larsen (Griffith)	Nicole Marsh (Nursing Research) , Nicole Gavin (Cancer Care) , Julie Flynn (Cancer Care/Nursing Research), Prof Joan Webster (Nursing Research)	Cancer caRE: The risk factors of vEnous access failuRe (CareTaKER study)
Prof Claire Rickard (Griffith)	Prof Joan Webster (Nursing Research) , Raymond Chan (QUT), Peter Mollee (PAH), Geoffrey Playford (PAH), Li Zhang (Griffith), Andrew Hallahan (LCCH), Evan Alexandrou (Liverpool Hospital)	Peripherally InSerted CEntral catheter Securement: the PISCES Trial
Zena Moore (Royal College of Surgeons in Ireland, Dublin)	Joan Webster (Nursing Research)	Dressings and topical agents for preventing pressure ulcers
Rachael Bailey (Caboolture Hospital, ICU)	Alexis Tabah (Redcliffe Hospital, ICU), Manesh Ramanen (Redcliffe Hospital, ICU), Prof Fiona Coyer (Nursing Research and Critical Care)	Survey of family visiting in ICU – WELCOME– ICU Study
Kate Kynoch (Mater Hospital)	Prof Fiona Coyer (Nursing Research & Critical Care) , Marian Mitchell (PAH/GU), Gary Von Dohren (Redcliffe Hospital, ICU)	IvES family visiting study
Nicole Gavin (Cancer care)	Amanda Ullman (Griffith), Tricia Kleidon (LCCH), Nicole Marsh (Nursing Research) , Emily Larsen (Griffith), Jill Campbell (Skin Integrity), Prof Claire Rickard (Griffith)	Estimating prevalence of impaired skin surrounding DevicEs: the EPISODE study
Julie Flynn (Cancer Care/ Nursing Research)	Samantha Keogh (QUT), Amanda Ullman (QUT), Lee Zhang (Gold Coast Uni), Prof Claire Rickard (Griffith)	Evaluating effective decontamination methods for needleless connectors: a pilot randomised control trial

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

Collaborative Lead Researchers	RBWH Researchers	Research Project Title
Colette McIntyre (Women's and Newborns Services)	Amanda Ullman (Griffith), Karen New (UQ), Donna Hovey (RBWH), Deanne August (Townsville Hospital), Patricia Smith (RBWH), Pieter Koorts (RBWH), Katie Foxcroft (RBWH), Nicole Marsh (Nursing Research)	NeOnatal Vascular Access (NOVA) study: an observational study of neonatal vascular access complications
Hal Rice, Laetitia de Villiers (Dept of Medical Imaging, GCUH)	Theresa Green (Nursing Research & Neuro) , Jason Wenderoth & Andrew Cheung (Prince of Wales Hospital Sydney), Will McAuliffe & Tim Phillips (Sir Charles Gardner Hospital, Perth), Justin Whitley (RBWH), Maame Owusu (GCUH)	SCOPE-AUS: The Safety and Clinical Effectiveness Of Pipeline™ Flex Embolization devices with Shield Technology™ in patients with intracranial aneurysms: a multicentre retrospective study of an AUstralian cohort
H Tuffaha (Griffith)	Nicole Marsh (Nursing Research) , J Byrnes (Griffith Uni), Prof Joan Webster (Nursing Research) , Nicole Gavin (Cancer Care Services), Marie Cook (Griffith Uni), Claire Rickard (Griffith Uni)	The cost of vascular access devices in public hospitals in Queensland
Clint Douglas	Cojoint Associate Prof Clint Douglas (QUT & MNHHS) , Prof Sandy Middleton (ACU Sydney), Emeritus Professor Glen Gardner (QUT), Prof Liz McInnes (Sydney ACU), A/Prof Patrick Kelly (University of Sydney), A/Prof Rachael Morton (University of Sydney), A/Prof Carol Wondsor (QUT), Adj Prof Alanna Geary (RBWH, MNHHS) , Adj Prof Robyn Fox (RBWH) , Clinical Assoc Prof Catriona Booker (RBWH)	Transforming Nursing Assessment in Acute Hospitals: a Cluster Randomised Controlled Trial of an Evidence Based Core Assessment protocol (the ENCORE Trial)

2018 Research Awards and Achievements

Recipient	Award	Event
Nicole Marsh (Nursing Research/Griffith)	Australian College of Nursing Research Award	The National Nursing Forum, 28-30 August 2018
Nicole Marsh & Joan Webster et al. (Nursing Research/Griffith)	The Cecilia Brazil Nursing Research Award	27 th Annual RBWH Healthcare Symposium
Nicole Marsh (Nursing Research/Griffith)	Menzies Health Institute Queensland, Excellence in Publication Award	Menzies Health Institute Queensland
Prof Fiona Coyer (Nursing Research/Intensive Care Services)	Vice-Chancellor's Award for Excellence	2018 Vice-Chancellor's Award for Excellence ceremony, Queensland University of Technology, 20 July 2018
Prof Theresa Green (Nursing Research/Internal Medicine)	Vice-Chancellor's Award for Excellence	2018 Vice-Chancellor's Award for Excellence ceremony, Queensland University of Technology, 20 July 2018
Prof Joan Webster (Nursing Research)	Health Services Implementation	27 th Annual RBWH Healthcare Symposium
Prof Joan Webster (Nursing Research)	Extraordinary Leadership Award	QuARRIES, RBWH
Prof Joan Webster (Nursing Research)	Service Line Award	QuARRIES, RBWH

2018 Research Grants – Awarded

Investigators (RBWH staff in bold)	RBWH Research Groups/Departments	Project Title	Granting Body	Amount in 2018	Total Amount (years)
Claire Rickard, Maria Cooke, Amanda Ullman, Nicole Marsh , Joshua Byrnes, A Bulmer, J Schults, Tricia Kleidon	Nursing and Midwifery Research Centre	Griffith-BD Catheter Choice Coalition	MHIQ Capacity Grants Scheme	\$15,000	\$50,000 (2018-2020)
Ullman AJ, Bulmer A, Runnegar N, Kleidon T, Lee-Archer, Pearch B, August D. Al: Biles C, Byrnes J, Chopra V, Coulthard A, Ware R, Marsh N , Peter Mollee , Rickard C, Wallis M	Nursing and Midwifery Research Centre, Haematology and Oncology Department	Peripherally inserted central catheter innovation to reduce infections and clots: the PICNIC trial	NHMRC New Investigator Grant	\$20,000	\$706,582 (2018-2020)

2018 Research Grants – Awarded (cont)

Investigators (RBWH staff in bold)	RBWH Research Groups/Departments	Project Title	Granting Body	Amount in 2018	Total Amount (years)
Bryan Gregory, Dwarakanathan Ranganathan, Fiona Coyer	Renal Medicine, Nursing and Midwifery Research Centre, Department of Intensive Care Services	The effects of renal replacement therapy on immunosuppressive drug concentrations	Royal Brisbane and Women's Hospital Foundation	\$20,000	\$40,000 (2018-2019)
Jill Campbell, Judith Eddy, Andrea Garrett, Kerri Coleman, Maree Grier, Cara Masterson, Fiona Coyer	Skin Integrity, Gynaecology Department, Gynaecology Oncology Department, Psychology Department, Physiotherapy Department, Nursing and Midwifery Research Centre	A multidisciplinary pre-operative optimisation care bundle for women undergoing vulval surgery; a feasibility study	Royal Brisbane and Women's Hospital Foundation	\$13,332.66	\$39,998 (2017-2019)
Claire Rickard, Marie Cooke, Amanda Ullman, Nicole Marsh , Gillian Ray-Barruel, Tricia Kleidon, V Chopra	Nursing and Midwifery Research Centre	IMAGINE – Innovative Michigan and Griffith International Network	MHIQ Capacity Grants Scheme	\$50,000	\$100,000 (2018-2019)
Nicole Marsh, Julie Flynn , Claire Rickard	Nursing and Midwifery Research Centre, Cancer Care Services	Managing intravenous devices among patients with limited vascular access or prolonged therapy: investigating the efficacy of midline catheters – the MIDLINE study	Australian College of Nursing (ACN) Project Grant	\$15,000	\$30,000 (2018-2019)
Kathleen Finlayson, Helen Edwards, Fiona Coyer	Critical Care and Clinical Support Services	Validity of laser speckle contrast imaging for assessment of superficial perfusion in the lower limb of patients with vascular leg and foot ulcers	QUT Institute of Health and Biomedical Innovation Mid-Career Research Grant	\$9,554	\$9,554 (2018)
Theresa Green, David Rosengren , Kerrie Gillespie, Bernd Ploderer	Neurology, Emergency Medicine	Better Individualised Stroke Care Using Technology (BISCUT)	MNHHS Link Grant	\$85,000	\$170,000 (2018-2019)
Theresa Green , Margot Leeson-Smith, Adrienne Young, Rebecca Moore	Neurology, Nutrition and Dietetics	Implementation and evaluation of a multi-site acute stroke nutrition care pathway	Health Research Practitioner Scheme	\$26,059	\$26,059 (2018)
Theresa Green , Bernd Ploderer, Anna Farrell, Tara Hormann	Neurology, Speech Language Pathology	Aphasia Communication App	QPACT, MHealth	\$35,700	\$35,700 (2018)
Nicole Marsh , Emily Larsen, Sam Tapp, Claire Rickard	Nursing and Midwifery Research Centre	Hospital In The Home (HITH) – Management of peripherally inserted central catheters a retrospective cohort study	School of Nursing and Midwifery Research Capacity Building Seed Funding Grant Round 2018	\$5,500	\$5,000 (2018)
Amanda Ullman, Karen New, Donna Hovey, Deanne August, Patricia Smith , Pieter Koorts, Katie Foxcroft, Nicole Marsh	Neonatology Women's and Newborn Services Nursing and Midwifery Research Centre	NeONatal Vascular Access (NOVA) study: an observational study of neonatal vascular access complications	RBWH and RBWH Foundation Research Project Grant	\$35,338.80	\$35,338.80 (2018)
Fiona Coyer , Tony Parker, Jill Campbell , Anna Doubrovsky	Nursing and Midwifery Research Centre, Critical Care and Clinical Support Services, Skin Integrity Services, Queensland University of Technology	Biochemical characteristics and healing rates of medical device-related pressure Injuries (the MEDICI study); a prospective observational pilot study	Queensland University of Technology, School of Nursing Pilot Grant	\$30,000	\$30,000 (2018)
Fiona Coyer, Stacey Watts, Jayesh Dhani , Samantha Keogh	Nursing and Midwifery Research Centre, Critical Care and Clinical Support Services, Queensland University of Technology	Intensive care point of care testing for arterial gas analyses: the INCEPT audit	Queensland University of Technology, New Professor Grant	\$25,000	\$25,000 (2018)
Theresa Green, Andrew Wong, Sandy Jamieson	Nursing and Midwifery Research Centre, Neurology/Stroke, Internal Medicine	Post-acute NP-led stroke service delivery model: Managing residual neurological issues and multiple chronic conditions post discharge: a pilot project	HADPC – Queensland University of Technology and Institute of Health and Biomedical Innovation	\$25,000	\$25,000 (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)
Theresa Green, B. Ploderer	Nursing and Midwifery Research Centre, Neurology/Stroke, Internal Medicine	StrokeAssist aphasia app evaluation	QPAC, DOH	\$35,700	\$35,700 (2018)
Clint Douglas , Sandy Middleton, Glenn Gardner Patrick Kelly, Rachael Morton, Elizabeth McInnes, Carol Windsor, Robyn Fox , Catriona Booker , Alanna Geary	QUT School of Nursing and Metro North Hospital and Health Service	Transforming nursing assessment in acute hospitals: A cluster randomised controlled trial of an evidence-based core assessment protocol (the ENCORE trial)	NHMRC Partnerships for Better Health – Partnership Projects	NHMRC funding \$865,923	\$2.1M (2018-2020)

2018 Research Publications

Journal Articles:

- Marsh N, Webster J, Larsen E**, Cooke M, Mihala G, Rickard C. Observational study of peripheral intravenous catheter outcomes in adult hospitalized patients: a multivariate analysis of peripheral intravenous catheter failure. *Journal of Hospital Medicine* 2018;13(2):83-89
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- Coyer F**, Cook J-L, Doubrovsky A, Campbell J, Vann A, McNamara G. Understanding contextual barriers and enablers to pressure injury prevention practice in an Australian intensive care unit: an exploratory study. *Australian Critical Care*. <https://doi.org/10.1016/j.aucc.2018.02.008>
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Book Chapters / Letter publications:

1. **Green, TL**. Decompressive Hemicraniectomy for Severe Stroke: an updated review of the literature. In Watson, R. & Zibadi (Eds). *Lifestyle and Heart Health and Disease*. 2018. Academic Press. Elsevier
2. **Green, TL**. (2018). Surgical Interventions for Severe Stroke: impact on quality of life, caregiver burden and family outcomes. In Watson, R. (Ed). *Lifestyle in Heart Health and Disease*
3. **Green, TL**. (2018). Chapter 10: Rehabilitation Nursing. In J. Hinkle and K. Cheever (Eds), *Brunner & Suddarth's Textbook of Medical-Surgical Nursing*, 14th Ed. Philadelphia, PA: Wolters Kluwer Health/Lippincott Williams & Wilkins.

2018 Conference Presentations – Invited Speaker, Oral and Poster

Invited Speaker:

1. **Marsh N**. How often are patients experiencing local and catheter-related bloodstream infections within an adult population? A systematic review of peripheral venous catheter complications and failure. Australasia College for Infection Prevention and Control, 2018 conference, Brisbane Top poster abstract presentation, November 2018
2. **Marsh N**. PICCs at Home – A Retrospective Cohort Study. Hospital in the Home Society Conference. Brisbane, Australia. November 2018
3. **Green T**. Better individualised stroke care using technology (BISCUT). Statewide Stroke Network Forum. Cairns, Australia. November 2018
4. **Green T**.... Supporting relationships and intimacy with people affected by stroke. World Stroke Congress, Montreal, Canada. October 2018
5. **Green T**.... Empowering patients and families in shared decision-making: preferences and values across stroke transitions. WSC, Montreal, Canada. October 2018
6. Campbell J, Coleman K, Hocking K, **Coyer F**. Lack of recognition and treatment of pain for people with incontinence-associated dermatitis: a call for action. Wounds Australia National Conference. Adelaide, Australia. October 2018
7. **Coyer F**. Efficacy of Incontinence-Associated Dermatitis interventions for critically ill patients in intensive care: The Distinct pilot RCTI. Wounds Australia National Conference. Adelaide, Australia. October 2018
8. Chaboyer W, Thalib L, Harbeck E, **Coyer F**, Blot S, Bull C, Nogueira P and Lin F. Incidence and prevalence of pressure injuries in adult intensive care patients: a systematic review and meta-analysis. Australian and New Zealand Annual Scientific Meeting on Intensive Care. Adelaide, Australia. October 2018. Best nursing free paper (\$1,500)
9. **Coyer F**. Reducing intensive care medical device-related pressure injuries caused by nasogastric and endotracheal tubes: a pilot study. 20th Annual Meeting of the European Pressure Ulcer Advisory Panel. Rome, Italy. 12-14 September 2018
10. **Marsh N**, Rickard CM. Reliable intravenous access by line experts (the RELIABLE Pilot Trial) comparing PIV insertion by generalists with insertion by a vascular access specialist. Association for Vascular Access Annual Scientific Meeting. Columbus, Ohio. 15-18 September 2018
11. **Marsh N**, Rickard CM. Incidence, risks and outcomes of primary bloodstream and local infections: Prospective data from 12,936 peripheral intravenous catheters. Association for Vascular Access Annual Scientific Meeting. Columbus, Ohio. 15-18 September 2018
12. **Green T**. Nursing studies that impact on patient care, interpretation of recent publications in neuroscience nursing, and future directions for nursing research. 2nd International Neuroscience Nursing Research Symposium. Dallas, Texas. 10-12 August 2018
13. **Coyer F**. How to build nursing research in ICU. Queensland Critical Care Research Forum, Sunshine Coast, Australia. May 2018.

Oral Presentations:

1. **Green T.** Overview of the current state of stroke survivors and their family carers. 2018 International Stroke Conference, Los Angeles, USA, January 2018.

Poster Presentations:

1. **Green T.** Current state of online education for stroke survivors and family caregivers. 2018 World Stroke Conference. Montreal, Canada. October 2018
2. **Webster J,** Ray-Barruel G, Rickard C, **Marsh N,** Mihala G, Alexandrou E. Just in case: use of large bore intravenous catheters in parturient women: A global Study. 27th Annual RBWH Healthcare Symposium. September 2018
3. **Marsh N, Webster J,** Ullman A, Mihala G, Cooke M, Rickard C. Peripheral intravenous catheter failure and complications in adults: A systematic review. 27th Annual RBWH Healthcare Symposium. September 2018
4. **Marsh N,** Larsen E, Genzel J, Mihala G, Ullman A, Kleidon T, **Cadigan S,** Rickard C. Dressing and securing peripheral intravenous catheters: a pilot randomised controlled trial of a novel integrated dressing. 27th Annual RBWH Healthcare Symposium. September 2018
5. **Marsh N, Webster J,** Larsen E, Genzel J, Cooke M, Mihala G, **Cadigan S,** Rickard C. Expert versus generalist inserters for peripheral intravenous catheter insertion: pilot randomised controlled trial. 27th Annual RBWH Healthcare Symposium. September 2018
6. Tuffaha H, **Marsh N,** Byrnes J, **Webster J,** **Gavin N,** Cooke M, Rickard C. The cost of vascular access devices in Queensland. 27th Annual RBWH Healthcare Symposium. September 2018
7. **Webster J,** McLeod K, O'Sullivan J, Bird L. 8-hour versus 12-hour shifts in an ICU: effect on nursing satisfaction and patient outcomes. 27th Annual RBWH Healthcare Symposium. September 2018
8. **Larsen E.** The incidence and cumulative risk of primary bloodstream and venous infections in 12, 623 peripheral intravenous catheters in Australia, World Congress Vascular Access (WoCoVA), Copenhagen, June 2018
9. **Marsh N.** Different transparent dressings – different problems. World Congress Vascular Access (WoCoVA), Copenhagen June 2018
10. **Marsh N.** Securement of PIV. World Congress Vascular Access (WoCoVA), Copenhagen. June 2018.

