

SCHOOL OF NURSING AND MIDWIFERY

Research Strengths

1st in Australia, 2nd in the world
2022 Shanghai Global Ranking of Academic Subjects

June 2023



Research Strengths

The School of Nursing and Midwifery at Griffith University has a long-established history of undertaking the highest quality research that has practical benefits to individuals, the community and society. We have an exemplary track record of highly competitive research grant funding including funding for research translation. We are highly skilled in clinical trials, co-designing complex interventions, and a range of other quantitative and qualitative designs. We have expertise in several areas that run through our research strengths such as patient centred care, patient safety, health services and knowledge translation. The table below demonstrates our research strengths and the first point of contact for these areas.

Research Strengths	Contact Person
Acute and Critical Care	Professor Andrea Marshall (a.marshall@griffith.edu.au)
Ageing and Older People	Professor Wendy Moyle (w.moyle@griffith.edu.au)
Chronic Conditions and End of Life Care	Professor Ann Bonner (a.bonner@griffith.edu.au)
	Professor Paul Bennett (SoNMResearch@griffith.edu.au)
Health Education	Professor Thea van de Mortel (t.vandemortel@griffith.edu.au)
	Associate Professor Marion Tower (m.tower@griffith.edu.au)
Patient Safety	Professor Brigid Gillespie (b.gillespie@griffith.edu.au)
Mass Gatherings and Disaster Health	Associate Professor Jamie Ranse (j.ranse@griffith.edu.au)
Maternity Care	Associate Professor Amanda Carter (a.carter@griffith.edu.au)
Wound Care	Professor Wendy Chaboyer (w.chaboyer@griffith.edu.au)
Vulnerable Populations in Emergency Care	Professor Julia Crilly (j.crilly@griffith.edu.au)
Infection Prevention and Control	Dr Peta-Anne Zimmerman (p.zimmerman@griffith.edu.au)
Family Health	Dr Helen Petsky (h.petsky@griffith.edu.au)
Paediatrics and Child Health	Associate Professor Elizabeth Forster (e.forster@griffith.edu.au)
Neonatal Care	Associate Professor Victoria Kain (v.kain@griffith.edu.au)

Inquiries can also be made to Professor Paul Bennett, Deputy Head of School (Research) at SoNMResearch.edu.au

Research Leadership Team

Professor Ann Bonner

Head of School



Professor Ann Bonner is an internationally recognised nephrology nurse researcher whose interdisciplinary research program focuses on improving outcomes for people along the trajectory of chronic kidney disease; from slowing disease progression to kidney replacement therapies and to end-of-life care. She heads the Kidney Nursing Collaborative Research Centre at Metro North Hospital and Health Service and holds a Visiting Research Fellow appointment in the Kidney Health Service. Her research is multidisciplinary, involving consumers, and focuses on health service innovation, symptom management, self-management, health literacy, and advanced practice nursing roles. She is a Chief Investigator in the NHMRC Chronic Kidney Disease Centre of Research Excellence, is member of the Australian Institute of Health and Welfare Chronic Kidney Disease Expert Advisory Board, and the Advisory Board for the Australian Kidney Trials Network. Ann is a life-member of the Renal Society of Australasia, and in 2021, was inducted into the Sigma International Nurse Researcher Hall of Fame. Professor Bonner is also the School's lead researcher for the Healthy Lifestyles group.

Academic Profile: <https://experts.griffith.edu.au/27348-ann-bonner>

Professor Paul Bennett

Deputy Head of School (Research)



Professor Paul Bennett's program of research underpins his mission to positively impact the lives of people with chronic kidney disease. Research exploring peer support, happiness, resistance exercise, patient-reported outcomes, patient activation and home dialysis has contributed to this mission. He leads the Global Renal Exercise Network Initiative, was lead investigator for the Global Peritoneal Dialysis Exercise Guidelines and mentors' nephrology nursing leaders throughout the world through the International Society of Nephrology and the Renal Society of Australasia. Paul is the first nurse to receive the distinguished Fellowship of the International Society of Nephrology for his international contributions to education and research in kidney care.

Academic Profile: <https://experts.griffith.edu.au/40589-paul-bennett>

Associate Professor Marion Tower

Deputy Head of School (Learning and Teaching)



Associate Professor Marion Tower has an established career in teaching and learning and leadership experience in the higher education sector. She is also a Board Director and Deputy Chair for Metro South Hospital and Health Services and Chairs the Metro South Safety & Quality committee. Marion completed a Bachelor of Nursing (Hons) in Sydney and then worked across NSW, VIC and QLD with experience in critical care and acute medical surgical areas, specialising in cardiology and emergency nursing. She completed a Master of Nursing in Women's Health through QUT and a PhD at Griffith University. Marion has also completed EHPIC (Educating Health professionals in Interprofessional Care) training at the University of Toronto and is a graduate of the Australian Institute of Company Directors. Marion has extensive experience in leading curriculum design, implementation and review and has been

involved in numerous research projects around students' experiences of university and supporting and developing students' learning. Her research interests include nurse education, interprofessional education, student experience of university and nursing workforce development. Marion also supervises several PhD students across a range of interests and research methodologies.

Academic Profile: <https://experts.griffith.edu.au/4188-marion-tower>

Professors

Professor Melissa Bloomer



Melissa Bloomer holds an appointment of Professor of Critical Care, a role shared between Griffith University and The Princess Alexandra Hospital, Metro South Health. Professor Bloomer has more than 25 years of experience as a registered nurse in intensive care (ICU), general acute and sub-acute care settings. She brings with her a wealth of knowledge in end-of-life care in acute and critical care environments, including end-of-life management, communication and decision-making, family care and participation, and nurse preparedness for dying and death. Melissa's work focuses primarily on adults,

including exploring the unique and often additional needs of vulnerable groups including older people and people from culturally and linguistically diverse populations at the end of life.

Academic Profile: <https://experts.griffith.edu.au/35738-melissa-bloomerlife>.

Professor Wendy Chaboyer

Director, National Health and Medical Research Council Centre of Research Excellence in Wiser Wound Care



Professor Wendy Chaboyer is the Lead of the Wiser Wound Care Group in Menzies Health Institute Queensland, Griffith University. She is an experienced acute care nurse researcher focusing on patient safety, preventing hospital-acquired complications such as pressure injuries and surgical site infection, patient-centred care and nursing interventions that contribute to improving care of hospitalised patients. Three significant bodies of her research have influenced health policy and practice are: ICU Liaison Nurse Services, Bedside Nursing Handover and Pressure Injury Prevention.

Academic Profile: <https://experts.griffith.edu.au/19093-wendy-chaboyer>

Professor Julia Crilly OAM



Professor Julia Crilly OAM is a Professor of Emergency Care, a joint appointment between Griffith University and Gold Coast Health. She worked as a registered nurse in the Emergency Department for nearly 10 years before completing her delivery models of care for vulnerable population groups as well as understanding and improving aspects of the Emergency Department workforce. Professor Crilly has led and been involved in multi-disciplinary and local, state-wide, and international emergency care research that has attracted over \$6 Million dollars and resulted in over 120 peer-review publications. Examples of her research include: (1) Improving outcomes for people with acute mental illness in the emergency department (Funded by NHMRC), (2) Evaluating the impact of emergency nurses working in the watch house (Funded by Emergency Medicine Foundation and Gold Coast Hospital Foundation)

(3) Morale, stress and coping strategies of staff working in the emergency department (Funded by Medicare Emergency Foundation).

Academic Profile: <https://experts.griffith.edu.au/18768-julia-crilly>

Professor Brigid Gillespie



Professor Gillespie is an internationally recognised leader in perioperative nursing. She is a Chief Investigator in the recently established Wiser Wounds NHMRC Centre of Research Excellence. In wound care, she leads a research program in patient safety which includes perioperative/surgical care and pressure injury prevention. Professor Gillespie has led/is leading two of the largest clinical trials, funded by the NHMRC. The first trial assessed the effectiveness of negative pressure dressings in reducing surgical site infection, and the second, is assessing the clinical and cost effectiveness of foam dressings in the prevention of pressure injuries. Professor Gillespie's research has an impact in changing practice, and has been cited in clinical guidelines, standards of practice, and Cochrane reviews. Professor Gillespie has authored over 220 publications, one edited book and 7 book chapters. She has won \$10.4 million dollars in competitive grant funding, including 5 NHMRC grants.

Academic Profile: <https://experts.griffith.edu.au/18573-brigid-gillespie>

Professor Andrea Marshall

Director of Strategic Research and Development



Professor Marshall is a leading critical care nursing researcher whose program of research focuses on improving outcomes for acute and critically ill patients with a particular focus on nutrition interventions and person-centred care. She uses knowledge translation strategies in practice and research to improve nutrition-related outcomes for acutely ill hospitalised patients. With a strong national and international profile in critical care nursing, Andrea leads many interdisciplinary research projects. She is currently Editor-in-Chief of the leading critical care nursing journal, Australian Critical Care. Andrea has authored over 130 research manuscripts in peer-reviewed journals, 13 book chapters and edited two editions of the leading Australian text Critical Care Nursing.

Academic Profile: <https://experts.griffith.edu.au/18519-andrea-marshall>

Professor Wendy Moyle

Menzies Health Institute Queensland Program Director, Healthcare Practice and Survivorship.



Professor Wendy Moyle's research focus is in the areas of ageing and mental health, specifically neurocognitive disorders such as Alzheimer's disease. Her research aims to achieve the best evidence possible for care of people with dementia and to reduce the distresses of the disease for the individual and their carers. She is internationally recognised for her research investigating the use of social robots and assistive technologies. Her current research focuses on the evaluation of technologies and in particular the use of telepresence, a mobile video conferencing robot that enables people with dementia to connect to family and friends no matter where they are in the world. She supervises students investigating dementia care and developing assistive technologies such as medication devices and mHealth applications. She was named by Robohub (2019) as one of 30 Women in Robotics you need to know about and Analytics

Insight in 2020 as one of the top 50 women scientists in robotics in the world. She is Speciality Chief Editor of Frontiers Dementia Care. She has over 285 publications.

Academic Profile: <https://experts.griffith.edu.au/19094-wendy-moyle>

Professor Thea van de Mortel



Professor Thea van de Mortel is a Registered Nurse with a science background who conducts research into infection prevention and control (IP&C) and learning and teaching (L&T). Her IP&C research interests include hand hygiene, healthcare workers' attitudes towards patients with infectious diseases, infectious illness absenteeism, and antimicrobial resistance. Her L&T research focuses on evaluation of curricula, near-peer teaching and vertically integrated learning, tertiary student support, and models for work-integrated learning. She has had a range of successful consultancies focussed on research and methods to best support learners and learning in the healthcare professions.

Academic Profile: <https://experts.griffith.edu.au/thea-van-de-mortel>

Associate Professors

Associate Professor Amanda Carter



Associate Professor Amanda Carter is Director of the Bachelor of Midwifery program. She is passionate about developing and evaluating students' cognitive competence in preparation for autonomous midwifery practice. Her current research areas examine the development of critical thinking in undergraduate midwifery students.

Academic Profile: <https://experts.griffith.edu.au/7569-amanda-carter>

Associate Professor Elizabeth Forster



Associate Professor Elizabeth Forster is Postgraduate Program Director for Nursing and Infection, Prevention and Control programs and is Program Advisor for Paediatric Nursing. Her clinical research focuses on paediatric pain and parental perceptions of support in follow up care and is conducted with the Nurse Practitioner Acute Pain Service at Queensland Children's Hospital. Elizabeth is experienced in both qualitative and mixed methods research. Elizabeth is an International Editorial Board member for the Journal of Paediatric Nursing and is Editor in Chief of the Journal of Children and Young People's Health, the journal publication of the Australian College of Children and Young People's Nursing, a key body representing paediatric and child health nursing in the Asia-Pacific region. Elizabeth is also the editor of a number of Australian and New Zealand paediatric nursing texts.

Academic Profile: <https://experts.griffith.edu.au/8120-elizabeth-forster>

Associate Professor Bronwyn Griffin



Emergency Nurses Australia, regularly leading workshops, and teaching. She is a member of the Steering Committee of the Burns Registry of Australia and New Zealand and the Injury Prevention Committee for the Australia and New Zealand Burns Association optimising registry data for research projects and developing injury prevention campaigns. Dr Griffin also acts as a member of the Queensland Statewide Trauma Clinical Network representing Queensland Children's Hospital. Her research contributions have recently been recognised with the awarding of the Centre for Children's Burns and Trauma Research Centre Medal.

Academic Profile: <https://experts.griffith.edu.au/30151-bronwyn-griffin>

Associate Professor Victoria Kain



Associate Professor Victoria Kain is an educator and researcher in the specialised field of neonatal nursing. She founded and co-edits Elsevier's first neonatal textbook for nurses and midwives in Australia and New Zealand, which is the primary text for neonatal and midwifery curriculum in Australia and New Zealand. She is a current member of three neonatal Journal Editorial Boards. Her research focuses on neonatal palliative care as well as neonatal care in resource-constrained countries, and her current research focuses on the Helping Babies Breathe initiative of the American Academy of Paediatrics in Vietnam and Nepal. She is a Senior Fellow of the Higher Education

Academy and has led baccalaureate nursing programs at two universities.

Academic Profile: <https://experts.griffith.edu.au/9719-victoria-kain>

Associate Professor Jamie Ranse



Associate Professor Dr Jamie Ranse is recognised internationally for his work focusing on strengthening health systems for disruptive events that are either planned (such as mass gatherings / major events) or unplanned (such as disasters / public health emergencies). Jamie completed his Doctor of Philosophy in 2017 at Flinders University, where he received the University Medal for his research on the experience of Australian nurses who assist in the out-of-hospital disaster environment. He has over 80 peer-reviewed publications in the area of disaster and mass gathering health. His work is supported by over AUD\$1.5M in research funding, including a prestigious Discovery Early Career Researcher Award (DECRA) from the Australian Research Council. Jamie was awarded the Griffith University Vice Chancellor's Research Excellence Award as the 2021 Early Career Researcher.

Academic Profile: <https://experts.griffith.edu.au/8443-jamie-ranse>

Associate Professor Rachel Walker



Associate Professor Rachel Walker is a Registered Nurse and a Principal Research Fellow with a joint appointment in the School of Nursing and Midwifery at Griffith University (GU) and the Princess Alexandra Hospital (PAH). Following completion of her PhD in 2012 (nominated for a Chancellor's Medal), Rachel commenced a Research Fellowship with the NHMRC Centre of Research Excellence in Nursing based at the PAH. Her research in skin integrity includes pressure injury prevention and treatment, surgical site infection and vascular access devices. More recently she has developed an interest in machine learning. Five years post-doc, she conceptualised, wrote and prepared the successful NHMRC Project grant application for the EEPOC Trial (\$1.8 million, APP1158379). She is also a Chief Investigator on a \$706,528 NHMRC Early Career Project Grant and an Associate Investigator in Wiser Wound Care Centre of Research Excellence. She has also led industry funded research (\$700,000, Becton Dickinson and Company) which has extended her growing international reputation as a leader in wound care research. In 2019 she led the working group for Device Related Pressure Injuries; a new addition to the EPUAP/NPIAP/PPPIA Clinical Practice Guidelines that has made a major international contribution to the overcoming the emerging challenges associated with the assessment and management of device related PI. As a result of this outstanding performance, Expertscape's PubMed-based algorithms places her in the top 1% of international Experts in pressure injury (PI) research.

Academic Profile: <https://experts.griffith.edu.au/9332-rachel-walker>

Griffith SONM Researchers making an impact

Name	Position	Academic Profile
Dr Matthew Barton	Senior Lecturer	https://experts.griffith.edu.au/8949-matthew-barton
Dr Katina Coronas-Watkins	Lecturer	https://experts.griffith.edu.au/8562-katina-coroneswatkins
Dr Elizabeth Coyne	Senior Lecturer	https://experts.griffith.edu.au/8061-elizabeth-coyne
Dr Roslyn Donnellan-Fernandez	Senior Lecturer	https://experts.griffith.edu.au/9263-roslyn-donnellanfernandez
De Elizabeth Elder	Research Fellow	https://experts.griffith.edu.au/16512-elizabeth-elder
Dr Carolyn Hastie	Senior Lecturer	https://experts.griffith.edu.au/16316-carolyn-hastie
Dr Jayne Hewitt	Senior Lecturer	https://experts.griffith.edu.au/16913-jayne-hewitt
Dr Lynda Hughes	Senior Lecturer	https://experts.griffith.edu.au/15363-lynda-hughes
Dr Ursula Kellett	Senior Lecturer	https://experts.griffith.edu.au/9699-ursula-kellett
Dr Sharon Latimer	Senior Lecturer	https://experts.griffith.edu.au/9414-sharon-latimer
Dr Amanda McGuire	Senior Lecturer	https://experts.griffith.edu.au/7632-amanda-mcguire
Dr Rachel Muir	Lecturer	https://experts.griffith.edu.au/9209-rachel-muir
Dr Judith Needham	Senior Lecturer	https://experts.griffith.edu.au/8434-judith-needham
Dr Helen Petsky	Senior Lecturer	https://experts.griffith.edu.au/8266-helen-petsky
Dr Karin Plummer	Lecturer	https://experts.griffith.edu.au/33804-karin-plummer
Dr Kristen Ranse	Senior Lecturer	https://experts.griffith.edu.au/8588-kristen-ranse
Dr Amornrat Saito	Lecturer	https://experts.griffith.edu.au/7651-amornrat-saito
Dr Charrlotte Seib	Senior Lecturer	https://experts.griffith.edu.au/7790-charlotte-seib
Dr Georgina Tobiano	Senior Research Fellow	http://experts.griffith.edu.au/8206-georgia-tobiano
Dr Michael Todorovic	Senior Lecturer	https://experts.griffith.edu.au/8841-michael-todorovic
Dr Naomi Tutticci	Senior Lecturer	https://experts.griffith.edu.au/33405-naomi-tutticci
Dr Winnie Wu	Senior Lecturer	https://experts.griffith.edu.au/8858-winnie-wu
Dr Peta-Anne Zimmerman	Senior Lecturer	https://experts.griffith.edu.au/9193-petaanne-zimmerman

Menzies Health Institute Queensland

Many members of the School of Nursing and Midwifery (SONM) also are members of Menzies Health Institute Queensland (MHIQ) (<https://www.griffith.edu.au/menzies-health-institute-queensland>). SONM members are research members of the Healthcare Practice and Survivorship Program, and within this program, the groups entitled Changing Health Systems (CHESS), Healthy Lifestyles (HL), Neuroscience, Ageing and Dementia (NAD), Patient-Centred Health Services (PCHS), and a NHMRC Centre for Research Excellence – Wiser Wounds.

The Menzies Health Institute Queensland undertakes research across the lifecycle to identify key factors that influence health. From this, members develop and test strategies to improve health and wellbeing for individuals, families and communities.

With exceptional biomedical, nursing, allied health, social and behavioural scientists, clinical researchers and research candidates, Griffith's MHIQ has achieved remarkable outcomes.

Three overarching programs; Disability and Rehabilitation, Infectious Diseases and Immunology, and Healthcare Practice and Survivorship encapsulate MHIQ research strengths and align with local and national health priorities. Underpinning the work of these programs is a focus on innovation, data science, research translation and meaningful clinical and community partnerships.

Healthcare Practice and Survivorship

Our research aims to directly improve the health and wellbeing of the Australian and international community by facilitating world-class discoveries that target the development of healthcare practice and survivorship. MHIQ researchers undertake committed scientific research with an emphasis on improving patient care, experiences, and outcomes. We have five groups:

- Changing Health Systems
- Healthy Lifestyles
- Neuroscience, Ageing and Dementia
- NHMRC Centre for Research Excellence – Wiser Wounds
- Patient-Centred Health Services

Changing Health Systems

We identify challenges in the health system and co-design person-centered, integrated and holistic models of care to improve client outcomes and inform best policy.

Healthy Lifestyles

The Healthy Lifestyles group has a vision that all Australians are supported to reach their full potential in life, by being enabled to have healthy lifestyles (such as eating well, being physically active, reducing stress, managing weight, ceasing smoking, and optimising sun exposure). Several staff in the school are members of this group whose research aims to understand and promote the positive relationships between lifestyle and health, including its role in reducing morbidity and mortality associated with the prevention and management of chronic health conditions.

Neuroscience, Ageing and Dementia

Our researchers investigate the links between mind-body functions. Our goal is to improve understanding and management of conditions that affect brain function and behaviour, such as normal development and ageing, dementia, delirium, stroke, traumatic brain injury, autism and schizophrenia.

NHMRC Centre for Research Excellence – Wiser Wounds

Our vision is to improve the delivery of acute wound care services to prevent hospital-acquired complications. Our research focus is on three high-volume, high-risk and high-cost acute wounds: pressure injuries; surgical wounds; and intravascular devices. Our research programs generate and implement evidence-based wound care practices and identify and de-implement low-value wound care practices to improve the quality, safety and cost-effectiveness of wound care.

Patient-Centred Health Services (PCHS)

We use world-class research methods to understand and promote the positive relationships between lifestyle and health, including its role in reducing morbidity and mortality associated with the prevention and management of chronic health conditions.