



Nursing Research and Practice Development Centre

The Prince Charles Hospital
Australian Catholic University

RESEARCH JUNE 2012 - DECEMBER 2013

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Welcome

Professor Paul Fulbrook

On behalf of The Prince Charles Hospital (TPCH) and Australian Catholic University (ACU) Nursing Research and Practice Development Centre (NRPDC), we welcome you to our second research report.

This report provides information about the NRPDC research activities from July 2012 to December 2013. Future reports will be produced annually. The report includes information about our many and varied research projects, research awards and commendations, affiliated clinicians and research students, and research outputs. It demonstrates significant progress and a thriving research centre. We look forward to continued development and expansion over the coming years.

In terms of personnel, the NRPDC has grown during the last eighteen months. It now houses two research fellows and three part-time research assistants. All but one position are jointly funded between TPCH and ACU. The NRPDC has also facilitated six visiting researchers from ACU, who have been involved with TPCH staff on a variety of projects. Their collaboration provides support to TPCH staff with potential and ongoing research projects, and strengthens the research training environment within both organisations. Other users of the NRPDC include ACU higher degree research students, of which the large majority is nursing staff employed within the hospital. These students are supported via the NRPDC and have on-site access to their supervisors, office facilities, and research equipment.

In recognition of her important role and support of the NRPDC, as well as her key role in the development of the ACU Clinical School, the honorary academic title of Clinical Associate Professor was conferred by ACU to Megan Lowe.

The NRPDC has continued to actively submit a number of research grants. Whilst competition for research grants is tough, we have been successful in securing a good amount of funds, which have been instrumental in ensuring that nurses are provided adequate time to undertake rigorous research projects.

Publication output from the NRPDC has been excellent, with many colleagues contributing to peer-reviewed publications in high quality nursing journals. Furthermore, research undertaken under the auspices of the NRPDC has been presented internationally, nationally, as well as locally. A highlight of 2013 was the one-day research seminar *Pressure Injury and Falls Prevention: Research and Implications for Practice*, which was held at TPCH. Several TPCH research projects were showcased to a large audience from across the state.



Two of the main research priorities for the NRPDC are pressure injury and falls injury prevention. These research areas have been very productive, and the research focus on these themes helped TPCH to achieve an excellent result in the 2013 Australian Council on Healthcare Standards Accreditation, with a total of seven merits awarded in these two areas.

The continuing hard work of the NRPDC staff, and the collaborations formed with clinician-researchers, have significantly increased our capacity and capability to conduct clinically relevant research. Whilst most of our research has been nurse-led, we have also continued to develop productive collaborative research partnerships with other professional disciplines.

Our achievements, which are detailed in this report, would not have been possible without the ongoing support received from TPCH and ACU, generous support from TPCH Foundation, which has provided research grants for a number of important projects, and Kedron and Wavell Services Club which has donated funds to support nursing research at TPCH.

Messages



Mary Wheeldon
A/Director of Nursing
Nursing Services
The Prince Charles Hospital

I am delighted to present this second report for the Nursing Research and Practice Development Centre, The Prince Charles Hospital (TPCH), which was established in 2010 in collaboration between TPCH and ACU.

The initial years were focused on defining our research strategic priorities and developing the resources and infrastructure to support their achievement. This year we celebrate our 3rd anniversary and I am very proud of the Centre's achievement. We have built some strong relationships with TPCH Foundation and also Kedron and Wavell Services Club, which we will continue to develop over future years.

The Centre offers our nurses the opportunity to increase their level of knowledge by participating in its mentoring and scholarship programs, enrolling in master's and doctoral research programs and a range of research activities to advance their clinical practice and improve patient outcomes.

To ensure that nursing services are being provided in an efficient and effective manner it is very important that we integrate research into clinical practice. To achieve this we have supported a variety of quality research projects via the Centre, which are presented in this report. Our nurses' research has been presented formally via published articles and conference presentations nationally and internationally.

I am proud of our Centre's achievements and look forward to many productive years ahead.



Professor Michelle Campbell
Executive Dean
Faculty of Health Sciences
Australian Catholic University

I am very pleased to present this second report for the Nursing Research and Practice Development Centre, The Prince Charles Hospital (TPCH).

The Faculty of Health Sciences at Australian Catholic University (ACU) offers courses in the areas of exercise science, midwifery, nursing, paramedicine, physiotherapy and occupational therapy. Indeed, ACU is the largest provider of graduate nurses in Australia, an accomplishment that comes from its commitment to promoting excellence in teaching and research.

As part of ACU's commitment to research, the Nursing Research and Practice Development Centre was established in 2010 as a joint collaboration between TPCH and ACU. This partnership meets the strategic goals of the Faculty and the University as well as ensuring ACU's continued commitment to helping vulnerable people by supporting vital research.

I look forward to a long and productive alliance.

About Us

Who we are

The NRPDC was founded in 2010, to foster change through research and encourage the implementation of evidence-based practice regarding patient care. Its overall aim is to contribute to improved clinical outcomes.

The NRPDC houses a nurse-led research team whose aim is to inspire, support, and undertake quality research within the hospital. Our current research priority areas, which are established annually in the NRPDC Performance Plan and are aligned with nursing priorities that are identified within TPCH Nursing Strategic Plan, are:

- falls injury prevention
- pressure injury prevention.
- cardiac care
- thoracic care
- emergency care

Our aims

- To undertake research and practice development that is aligned with TPCH nursing strategy.
- To undertake research and practice development that impacts on the quality of patient care and improves outcomes.
- To extend nursing research capacity and capability, and enhance the research culture within the hospital and the university.
- To assist clinicians in research activities by providing mentorship and facilitation for research development, data collection, data analysis, and dissemination.
- To provide research ethics and governance guidance.

- To provide information regarding internal and external funding sources, and assist/collaborate with research grant applications.
- To support and co-write research articles for local, national and international conferences and peer reviewed journal publications.
- To assist clinical staff to obtain adequate funds to provide time away from their substantive roles to work on research projects.
- To support nursing staff to undertake higher degree by research (HDR) studies; supervised via the NRPDC.
- To provide HDR students with supervision, a research community, and office space and facilities to work on their research.

Governance

The NRPDC is governed by a Steering Committee, which meets to agree on and monitor the strategic direction and outcomes of the centre. Its members are:

Mary Wheeldon, A/Director of Nursing, TPCH; **Professor Michelle Campbell**, Executive Dean, Faculty of Health Sciences, ACU; **Clinical Associate Professor Cherie Franks**, Nursing Director, Clinical Effectiveness, TPCH; **Professor Mary Courtney**, Head, National School of Nursing, Midwifery and Paramedicine, ACU; **Clinical Associate Professor Megan Lowe**, Nursing Director, Education & Workforce, TPCH; **Associate Professor Paula Schulz**, Deputy Head, School of Nursing, Midwifery and Paramedicine, ACU & Visiting Research Fellow, NRPDC, TPCH; **Professor Paul Fullbrook**, Nursing Director, Research and Practice Development, NRPDC, TPCH & Professor of Nursing, School of Nursing, Midwifery and Paramedicine, ACU.



The Prince Charles Hospital

Personnel



Professor Paul Fulbrook RN; PhD, MSc, PGDipEduc, BSc (Hons)

Nursing Director

Paul was appointed as Professor of Nursing at ACU in late 2004. He began collaborating with TPCH in a mid-2008. This led to his establishment in a full-time jointly funded role at TPCH in mid-2009, as Nursing Director, Research and Practice Development. He has an active role in the research life of TPCH, and is a founder member of its Research Council, and a member of the Hospital Research Ethics Committee. Paul's clinical and research background is in intensive care nursing. He is well known for his critical care nursing work, has published widely in this field and spoken at many national and international conferences.



Dr Meanie Jessup RN; PhD, BN (Hons)

Research Fellow

Melanie joined the NRPDC in 2013, bringing research experience from working with multi disciplinary, multi-site teams in paediatrics, emergency department and chronic respiratory illness. Her clinical background in paediatrics reflects a family-centred focus, with a particularly qualitative strength. Melanie mentors visiting researchers, supervises research students and facilitates research in the clinical setting. A key research focus is fall prevention: her research program is examining causes, context, culture and potential solutions, with consideration of the experience of both the faller and the health professional. Melanie collaborates with several teams researching in cystic fibrosis on aspects of care across the lifespan, education, through to issues of adult care.



Sandra Miles RN, RM; BN, MN (Child & Adol), PhD candidate

Research Fellow

Sandra is a Research Fellow working part time (0.6 WTE) in the NRPDC. Her role is to work with TPCH personnel to advance research and practice in the specialty area of pressure injury prevention and to publish and increase awareness of the quality activities undertaken in this area at the hospital. Sandra also works part time as a Lecturer in the School of Nursing, Midwifery & Paramedicine, at ACU. Sandra also supervises research students via the NRPDC.



Petra Lawrence RN; BN (Hons), PhD candidate

Research Assistant

Petra is an early career researcher and has worked at the NRPDC as a research assistant since November 2010. Currently, part-time, her projects involve nurses' knowledge of pressure injury management, and the early detection and treatment of psychological distress in emergency department attendees. She has presented her research at several conferences and is drafting several journal articles and reports. Her PhD is supported by a full time Australian Post Graduate Award.



Jodie Lay RN

Research Assistant

Jodie has recently joined the NRPDC as a part-time research assistant. She undertakes research activities such as literature searching, data collection and data entry. She is currently researching in wound care, skin tears, and emergency care, and will commence her Masters by Research degree in 2014.

Steering Committee

The NRPDC is governed by a Steering Committee, which meets to agree on and monitor the strategic direction and outcomes of the centre. It is comprised of the following members

Mary Wheeldon	A/Director of Nursing, TPCH	Clinical Associate Professor Cherie Franks	Nursing Director, Clinical Effectiveness, TPCH
		Clinical Associate Professor Megan Lowe	Nursing Director, Education & Workforce, TPCH
Professor Michelle Campbell	Executive Dean, Faculty of Health Sciences, ACU	Associate Professor Paula Schulz	Deputy Head, School of Nursing, Midwifery and Paramedicine, ACU & Visiting Research Fellow NRPDC
Professor Mary Courtney	Head, National School of Nursing, Midwifery and Paramedicine, ACU	Professor Paul Fulbrook	Nursing Director, Research and Practice Development, NRPDC & Professor of Nursing, ACU

TPCH and ACU Partnership Representatives



Mary Wheeldon RN, B Health Sc, Grad Cert Public Sector Manage, M Health Service Manag

A/Director of Nursing, The Prince Charles Hospital

Ms Mary Wheeldon has been the Acting Director of Nursing since August 2013 and has been the Nursing Director of

Surgery and Critical Care Services at The Prince Charles Hospital, Metro North Hospital and Health Service for the past decade. She has extensive clinical experience in cardio thoracic surgical and intensive care nursing. Ms Wheeldon is a Registered Nurse with a Post Graduate Certificate in Cardio-thoracic Nursing and has a Bachelor of Health Science, Graduate Certificate in Public Sector Management, Masters of Health Service Management. Ms Wheeldon is interested in advancing health care through utilising new technologies and models of care and has an interest in mentoring future nurse leaders.



Professor Mary Courtney, RN, RM, M&CHC; PhD, BA (Accounting), M Health Planning

National Head of School of Nursing, Midwifery and Paramedicine, Faculty of Health Sciences, ACU

Mary has worked in tertiary education for 24 years. She commenced as Head,

School of Nursing, Midwifery and Paramedicine at ACU in January 2012, having previously worked at the University of New England, Armidale for eleven years and Queensland University of Technology for thirteen years. She recently returned to Australia after a year at the University of British Columbia, Canada. Mary is a very active researcher, and has authored over 110 refereed articles, 25 book chapters and seven books. She has also received significant funding from ARC Discovery, ARC Linkage, and NHMRC grants. Her current research interests include: quality of life and family care giving; self-management; aged care and chronic disease; and intervention studies.



Cherie Franks, RN; BN, Grad Cert Health Stud (Nurs), Dip Manage

Nursing Director, Clinical Effectiveness, TPCH; Clinical Associate Professor, ACU

Cherie is responsible and accountable for the provision of effective leadership, high level operational management and clinical expertise. She is involved in the planning, coordination, formulation and direction of policies relating to

the provision of nursing clinical governance and quality initiatives for nursing services. Her department – in which the NRPDC is housed - supports excellence in clinical care and ensures the planning, delivery and evaluation of high quality and cost effective services that are consistent with the strategic and operational directions of TPCH, and Queensland Health policy. Cherie is chair for the Falls Injury Prevention Committee and Tissue Viability Committee at TPCH and has membership on both Metro North and state-wide committees in both areas. Cherie is very interested in nursing research and works collaboratively with the Nursing Director Research and Practice Development. She has a firm belief that when entering the arena of clinical effectiveness, it is necessary to ensure that the implementation of good practice is based on the best available evidence. Best practice involves the ability to transfer research evidence to practice, and by creating a research culture within the hospital ensures that her goals as Nursing Director of Clinical Effectiveness are achieved. In recognition of her key supporting research role, Cherie was awarded a Clinical Associate Professorship with ACU.



Megan Lowe, RN; B H Sc, Dip App Sc (Nursing Education), MA Admin Leadership

Nursing Director, Education and Workforce, TPCH; Clinical Associate Professor, ACU

In her current role, Megan is responsible and accountable for the provision of effective leadership, high level operational management and clinical expertise. She is involved in the

planning coordination, formulation and direction of policies relating to the provision of nursing education, staff development and nursing workforce at TPCH to support excellence in clinical care. Megan has worked for Queensland Health for over 28 years and has held a number of senior nursing positions across clinical, educational and workforce fields. Over the last ten years, her interest in human error and patient safety has led to her active involvement in advocating for a just healthcare culture and teaching multidisciplinary teams about the role of system error in patient harm. Megan participated in a range of activities associated with visioning and bringing to life an interactive partnership with ACU in the development of a Clinical School.

Visiting Researchers



Dr Jenneke Foottit, RN; PhD, M Soc Sc, B Soc Sc

Visiting Research Fellow

Jenneke is based at the NRPDC one day per week, and lectures in the School of Nursing, Midwifery and Paramedicine at ACU (Brisbane) the remainder of the week.

Jenneke completed her PhD in 2010 at QUT where her research was in wellness perceptions in older adults. Her specialty is ageing and her research focus is on people with dementia, particularly later stages. She is interested in issues around managing pain in cognitively impaired older adults, and the management of behaviours of concern in people with late stage dementia. Her earliest research work of people with dementia included working on a research project examining the use of case conferencing in the introduction of palliative care, systematic reviews on palliative

care, use of supplements, and use of thickened fluids. From there she progressed to completing her PhD, examining how older adults perceive wellness, particularly older women over 85 years of age. She has been teaching in different levels of education in nursing: Bachelor, Diploma and Certificate III in Aged Care, and has worked in a variety of clinical settings such as; hospital, domiciliary, urban, regional, and different countries. Her personal commitment to research is due to her belief that research needs to inform the education provided to health professionals and that quality research and education are linked to good health outcomes. She believes health professionals need a strong grounding in both the science and art of their chosen field, fostered by good teaching and supported by good ongoing research and role modelling. Jenneke is working with TPCH colleagues on projects involving the use of ECT with dementia patients who have challenging behaviours and fall prevention in cognitively impaired patients.



Alison Peeler, RN; M Phil, P G Cert (Paed), P G Cert (Paed Int Care), Grad Dip (Neonat), PhD student

Visiting Research Fellow

Alison is based at the NRPDC one day per week, and lectures in the School of Nursing, Midwifery and Paramedicine at ACU (Brisbane) the remainder of the week. She has over twenty five years

experience as a registered nurse and has worked in many areas including education, research and management. For her Master of Philosophy degree, Alison researched parents' and nurses' experiences of respiratory support of children with respiratory distress syndrome due to acute bronchiolitis. Her PhD is in the area of paediatric emergency care, and is evaluating the new paediatric emergency department at TPCH.



Dr Roger Lord, PhD, B App Sc, ARCPA

Visiting Research Fellow

Roger has a background in both clinical biochemistry and immunology. He is a lecturer in Medical Sciences attached to the School of Science, Australian Catholic University and a Visiting Research Fellow with the NRPDC. Roger also serves as

a member of the Advisory Committee on Biologicals to the Therapeutic Goods Administration and is an Associate of the Royal College of Pathologists of Australasia. During his career he has made significant contributions to the development of a vaccine against *Plasmodium falciparum* (malaria) and in immunological mechanisms involved in liver transplantation tolerance. Roger is currently involved in the emerging science of proteomics and treatment strategies for chronic wound healing. Roger's main project at TPCH is titled *A double blind trial of the application of 0.2% glyceryl trinitrate for the healing of chronic venous leg ulcers*. Earlier studies suggested that the application of Rectogesic will have a significant effect on increasing the healing rates of these wounds. This confirmation will be a critical step towards larger studies looking at cytological and biochemical changes which are likely to take place with treatment. These studies have the potential to change the current medical management of a disease which is common in elderly members of society and likely to become more prevalent given Australia's aging population.



Sandra Hyde, RN; Mental Health Practitioner, M Adv Prac (Mental Health), MA (Educ & Work), B Appl Sci (Adv Nurs), PhD student

Visiting Researcher

Sandra is a Visiting Researcher to the NRPDC, and has been involved in several mental health research studies. Her

main role is Lecturer in the School of Nursing, Midwifery and Paramedicine at ACU (Brisbane). Sandra has worked in adult mental health in the acute and community settings, mental health consultation liaison, with clients who have a dual diagnosis in an acquired brain injury unit and in the Mental Health Information Unit as a Clinical Indicator Coordinator, and continues to collaborate in clinical mental health partnerships. She also has extensive experience in general medical surgical nursing. Sandra's areas of research interest include examining and enhancing the care of the consumer in the acute care setting, and the early detection and treatment of depression and anxiety in the general population.



Associate Professor Paula Schulz, RN; BA, B Sci (Hons), M Psych, D Psych (Health)

Visiting Research Fellow

Paula is based at the NRPDC as a Visiting Research Fellow. She has worked in tertiary education for 21 years and is an academic staff member of ACU in the School of

Nursing, Midwifery and Paramedicine (Brisbane campus). She has held a number of academic leadership positions with the School and Faculty at ACU and is currently Deputy Head of School. Paula completed her PhD in 2007, investigating the efficacy of a modified Theory of Planned Behaviour that included anticipated regret as an additional variable in determining the reproductive intentions of women. Her research interests lie in the area of positive psychology and resilience, chronic illness self management and health behaviour change.

Associate Researchers



Alissa Anderson, RN; BA, BN, Grad Cert

Intensive care nurse researcher

Alissa is a registered nurse currently working in the adult intensive care unit (ICU) at TPCH. She holds a Graduate Certificate in intensive care nursing and has worked in this area for five years. She is currently undertaking a mentored research project via the NRPDC, which is systematically investigating the research evidence surrounding the prevention of pressure injuries in critically ill and highly immobile patients, especially those receiving extracorporeal membrane oxygenation (ECMO). Alissa is also the successful recipient of a TPCH Foundation Novice Research grant with Professor Fulbrook as her mentor. The first phase of her research evaluated the validity and reliability a recently developed and validated Spanish pressure injury risk assessment tool, the COMHON Index, which has been developed specifically for intensive care patients. The second phase, commencing in 2014, will investigate its predictive validity.



Stephanie Gettens, RN; BN

Internal Medicine/Quality Effectiveness Support Team nurse researcher

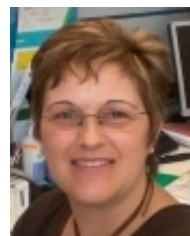
Stephanie is clinical nurse at TPCH and works in the Early Medical Assessment Unit and the Quality Effectiveness Support Team. She is the project officer for falls prevention and has worked on several projects with Professor Fulbrook. Stephanie was awarded a Novice Research grant from TPCH Foundation, with Professor Fulbrook as her mentor, to investigate 'fear of falling' and its relationship to clinical outcomes, such as hospital length of stay. Her study on falls is highly relevant to TPCH and will provide valuable data that will help to provide the basis for practice development and will form the foundation for further larger studies. Stephanie has enrolled in a Master of Philosophy degree commencing in 2012 at ACU through which she is continuing her research regarding falls prevention. Her supervisors are Professor Paul Fulbrook and Dr Melanie Jessup.



Elyse Fitzpatrick, RN; BN

Emergency nursing researcher

Elyse is based at the NRPDC as a part-time research assistant, where she is undertaking research in TPCH emergency department concerning pressure injuries. The first study is investigating the relationship between emergency department admission times and the subsequent development of pressure injuries in wards. She is undertaking this research in part fulfilment of her Honours degree, under the supervision of Sandra Miles. The second study will investigate the prevalence of pressure injuries in patients who arrive at the emergency department by ambulance.



Pauline Hughes, RN; Dip Higher Educ Nurs

Community nurse practitioner researcher

Pauline is a Nurse Practitioner - Respiratory, employed in the Heart Lung team, within Primary and Community Health Services (P&CHS). Prior to gaining a Masters Degree in chronic disease specialising in respiratory in July 2010, she worked as a respiratory nurse in both the UK and Australia. With the help of a group of researchers and specialists across the district, led by Professor Paul Fulbrook and Associate Professor Ian Yang from TPCH, a chronic disease research grant was obtained, to investigate oxygen concordance. The data have now been collected and analysed and a publication is in preparation. As part of the research a motivational interview (MI) tool was developed that will help clients with COPD to make health care choices that are evidence-based.



**Damian Williams RN; BNSc, Grad
Cert Clin Nsg, Cert IV WPAT N**

Wound care researcher

Damian Williams is a Registered Nurse and has been directly involved in delivering advanced wound management services for over 16 years. His current position is Clinical Nurse Consultant for Wound Management at TPCH. Damian is actively involved in gaining knowledge and

promoting best practice wound management. He holds post graduate qualifications in wound management, conducts regular wound management education and has presented at conferences at both state and national level. Damian has held committee positions on both the Australian Wound Management Association (AWMA) National Committee and Queensland Committee, and is a past President of the Australian Wound Management Association (Queensland) and the current website manager for AWMA (Queensland). Damian is collaborating on several research projects with the NRPDC. He received a TPCH Foundation Novice Researcher grant for his first project, which is comparing two different dressings for use with skin tears. Professor Fullbrook is research mentor for this project. He is also a co-researcher in Dr Lord's project, investigating the use of glyceril trinitrate ointment for the treatment of venous leg ulcers.



**Maria Podger RN; BSc (Health
Prom & Educ), Grad Cert Asthma
Educ**

Heart failure nurse researcher

Maria is Clinical Nurse Consultant in the Heart Failure Support Service at TPCH, where she has worked since 2006. Her past roles have included Clinical Nurse Consultant in the Medical Assessment and Planning Unit

at the Mater Hospital, Nurse Unit Manager of the Rehabilitation Unit at Ipswich Hospital, and Project Manager/Clinical Nurse Consultant for the Lung Health Service, Ipswich Hospital where she established a service to support patients with chronic respiratory disease. Maria, with her colleague Robyn Peters at the Royal Brisbane and Women's Hospital, and Paul Fullbrook have undertaken a Delphi study of heart failure specialist nurses in Queensland. The aim of the project was to identify heart failure specialist nurse standards of practice. The study is important as there are no existing standards to guide nurses' practice. The results will inform the development and evaluation of heart failure nursing standards and education requirements, which in turn will improve the standard of care for people with heart failure. Clarification of the role of specialist heart failure nurses will also assist performance review and career planning.



Clinical Sciences Building TPCH

Research Collaborators

Collaborators	University and other organisations
Dr Hossein Haji Ali Afzali	Health Economist, University of Adelaide
Professor Scott Bell	Senior Staff Specialist, Thoracic Medicine, TPCH
Cathy Boyle	Educator, Nursing Education, TPCH
Professor Rose Chapman	Faculty of Health Sciences, ACU
Dr Aaron Conway	Research Fellow, Queensland University of Technology
Professor Maureen Coombs	Victoria University, Wellington
Dr James Douglas	Director, Sleep Disorders Centre, TPCH
Dr Usha Gurunathan	Senior Staff Specialist Anaesthetist, TPCH
Professor Kwon Fung	Heart & Lung Institute, TPCH
Ewan Kinnear	Director, Podiatry, TPCH
Dr Frances Kinnear	Emergency Specialist, Department of Emergency Medicine, TPCH
Associate Professor Liz McInnes	Deputy Director, Nursing Research Institute, St. Vincent's Hospital, Sydney
Dr Colin Myers	Department of Emergency Medicine, TPCH
Dr Jeffrey Rowland	Director of Physician Education, Internal Medicine, TPCH
Associate Professor Shawn Somerset	School of Public Health, ACU
Dr Judith Sheridan	Principal Research Fellow, Allied Health, TPCH
Professor David Thompson	Faculty of Health Sciences, ACU
Associate Professor Kerrienne Watt	James Cook University
Professor Nereda White	Centre for Indigenous Research and Education, ACU
Associate Professor Ian Yang	Consultant Thoracic Physician, TPCH

Post Graduate Research Students

Completed Post Graduate Research Students			
Research Student	Degree	Supervisors	Thesis title
Aaron Conway	Doctor of Philosophy	^α Prof. Paul Fulbrook Dr John Rolley Dr Karen Page	Sedation practices during percutaneous coronary angioplasty
Current Post Graduate Research Students			
Research Student	Degree	Supervisors	Thesis title
^α Sandra Miles	Doctor of Philosophy	^α Prof. Paul Fulbrook Debra Betts	Able-Bodied Children: Development and Education
^α Petra Lawrence	Doctor of Philosophy	^α Prof. Paul Fulbrook Assoc. Prof. Shawn Somerset Assoc. Prof. Paula Schulz	A randomised controlled trial of a psychosocial brief intervention for emergency department attendees with moderate psychological stress
^β Vainess Mbuzi	Doctor of Philosophy	^α Prof. Paul Fulbrook Prof. Nereda White ^β Dr Melanie Jessup	Indigenous people's experiences of acute cardiac care
^α Alison Peeler	Doctor of Philosophy	^α Prof. Paul Fulbrook Prof. Rose Chapman ^β Dr Frances Kinnear	Evaluation of a paediatric emergency department
^β Lynn Hoey	Doctor of Philosophy	^α Prof. Paul Fulbrook ^α Dr Roger Lord ^β Dr James Douglas	Sleep quality in acute hospitalised patients
^β Stephanie Gettens	Master of Philosophy	^α Prof. Paul Fulbrook ^β Dr Melanie Jessup	Psychosocial implications of sustaining a fall while in hospital
^β Cathy Saxon	Master of Nursing (Research)	^α Prof. Paul Fulbrook ^β Prof. Kwun Fong	Patients with chronic respiratory disease: experiences of bronchoscopy
Rachel Teis	Master of Nursing (Research)	Prof. Sue Kildea ^α Prof. Paul Fulbrook	The use of prompts based on crisis resource management principles to improve resuscitation team performance
^β Jodie Lay	Master of Nursing (Research)	^α Prof. Paul Fulbrook	Falls injury prevention
Elyse Fitzpatrick	Honours	^α Sandra Miles	The association between emergency department admission time and occurrence of pressure injury

^αNRPDC ^βTPCH

Guests and Visitors

Guests and Visitors	University	
Dr Rui Hou, Dr Jin Sanli Dr Shiu-Yun Fu, Rou-Hui Chen, Man Chin Ku, Wan-Shu Chang	Peking University, China Fu Jen Catholic University, Taiwan	Meetings to discuss research and clinical practices
Professor Sheila Grossman, Associate Professor Joyce Shea	Fairfield University, USA	Discussions and meetings about research and cardiac care and cancer care
Professor Shu Ying Zhang	Tongji University, China	Discussions and meetings about research and cardiac care
Professor Nick Santamaria, Professor of Nursing Research,	University of Melbourne	Papers presented at TPCH Pressure Injury and Falls Research seminar:
Dr Anne-Marie Hill, Research Fellow	University of Notre Dame	Papers presented at TPCH Pressure Injury and Falls Research seminar
Master of Nursing Practice Inquiry international students	ACU	TPCH research projects presented to students

Completed Research Projects

Validity and reliability of a pressure injury risk assessment tool for intensive care patients

^αPaul Fulbrook, ^βAlissa Anderson

The incidence of pressure injuries is a key clinical indicator of the standard and effectiveness of care. However, in the intensive care setting, despite interventions aimed at their prevention, their incidence is relatively high. The aim of this study was to evaluate the application of the a new pressure injury risk assessment tool, designed specifically for intensive care: the COMHON index. The objectives are to: evaluate the validity and reliability of the COMHON Index within an adult Australian ICU population; compare the appropriateness of the COMHON Index with three commonly used – but non-ICU-specific - internationally used scales i.e. Waterlow, Braden, and Norton scales; and identify common risk factors of PI development in adult ICU patients. The results demonstrate the the COMHON Index possessed the best inter-rater reliability and was strongly correlated with both the Braden and Norton scales. Dissemination: the study has been presented at several conferences and an article is being prepared for peer-reviewed publication.

Survey of nurses' knowledge of skin integrity and its management

^αPetra Lawrence, ^αSandra Miles, ^αPaul Fulbrook, ^βCherie Franks et al.

A district wide skin integrity knowledge survey was undertaken to determine nursing staff knowledge on the topic of pressure injury prevention, skin tears and incontinence associated dermatitis. These injuries cause significant patient harm and increase hospital length of stay, yet are largely preventable. A quantitative cross sectional survey of nursing staff across the Metro North Health Service District used a proportional stratified sample of all facilities and levels of nurses. The voluntary survey was online and anonymous. Over 800 nurses completed the survey. The results indicated that overall nurses' knowledge was good, but also identified several areas where knowledge was weak and requires further education. When compared to other similar studies in other countries, Queensland nurses' knowledge was similar or better. Dissemination: a peer-reviewed publication is under review plus several conference papers have been presented.

Systematic review of interventions to reduce pressure injury in immobile critically ill patients

^βAlissa Anderson, ^αPaul Fulbrook

Pressure injury (PI) prevention in critically ill patients features prominently in current research literature, as it is a key clinical indicator of the effectiveness of care; critically ill adults are often at higher risk than other patients. The impetus for this review arose from clinical concerns about the relatively high incidence of occipital PI in TPCH extra-corporeal membrane oxygenation (ECMO) patients, due to their being immobile and supine for prolonged periods of time. Thus, the initial inquiry via the research literature was focused on risk factors and methods of PI prevention for this group. However, the first search revealed an absence of research on this topic. The search remit and terms were therefore expanded to cover PI risk and prevention in all immobile critically ill patients. Thus, the aim of this review is to critically evaluate the effectiveness of interventions aimed at preventing PI in immobile critically ill patients.

Prevalence of pressure injury: a ten-year analysis

^αSandra Miles, ^αPaul Fulbrook, ^βTracy Nowicki, ^βCherie Franks

An analysis of the trend in prevalence of pressure injuries at TPCH over a ten-year period. Trends were examined in relation to various hospital-based initiatives to reduce the incidence of pressure injury i.e. quality improvement activities and education interventions. Dissemination: Article published in peer-reviewed journal.

Provision of a new children's emergency service: an investigation of the utility of a multidisciplinary simulation exercise with respect to staff awareness and preparedness

^βMichelle Davison, ^βFran Kinnear, ^αPaul Fulbrook

This research studied the effect of a multidisciplinary simulated opening day of the new children's emergency service on both staff knowledge of workplace practices and flows for children presenting to the service and staff confidence regarding the proposed workplace change. It used quantitative and qualitative pre- and post-intervention. The results found that the intervention was effective. Dissemination: the study has been presented at a national conference and a publication is being prepared for peer review.

A South African survey of critical care nurses' attitudes and experiences of end of life care

Shelley Schmollgruber, Gayle Langley, ^αPaul Fulbrook, John Albarran, Jos Latour.

A survey of South African critical care nurses. The results indicated that South African nurses' views were, on the whole, similar to nurses in other countries. However, the findings suggest that South African nurses' autonomy was less than in other countries. Dissemination: several national and international conference papers; peer-reviewed publication.

^αNRPDC ^βTPCH

Use of ECT for severe behaviour concerns in people with late stage dementia

^αJenneke Footitt, ^βWendy Austin, ^αPaul Fulbrook

A retrospective chart audit of a cohort of patients admitted to the Confusion Assessment and Management (CAM) unit at TPCH with dementia causing severe behavioural problems that were treated with electroconvulsive therapy. Outcomes were described and analysed. Dissemination: TPCH Grand Rounds and a publication is being prepared for peer review.

Competencies and standards for heart failure specialist nurses

^βMaria Podger, Robyn Peters, ^αPaul Fulbrook

A Queensland statewide modified Delphi survey. Key standards for nursing practice were identified. Dissemination: the results have been presented at several conferences and a publication is being prepared for peer review.

Fear of falling and its association with hospital length of stay

^βStephanie Gettens, ^αPaul Fulbrook

A prospective observational study investigating fearing of falling using the Modified Falls Efficacy Scale (MFES). The results indicated that patients with lower MFES scores have significantly longer hospital stays. Dissemination: the results have been presented at several conferences and a publication under review.

Use of simulation to improve staff confidence and orientation to a new children's emergency service

^βMichelle Davison, ^βFrances Kinnear, ^αPaul Fulbrook

The aim of this project was to evaluate the effect of a simulation exercise to improve staff confidence and orientation in a new paediatric emergency service. Participating staff were briefed and assigned roles as either participants or observers. Several simulation exercises were employed that represented typical clinical scenarios. On completion of the simulation exercises participating groups were debriefed to explore clinical, systems, and crisis resource management issues. Pre- and post-intervention surveys were collected. The results demonstrated that the simulation exercises were effective in improving both role confidence and orientation adequacy. Dissemination: a paper has been prepared for a peer-reviewed medical education journal and conference papers have been presented.

EN2RN: Transitioning to a new scope of practice

Candy Brown, ^αMelanie Jessup, Andrea Marshall

This qualitative inquiry examined the transition of enrolled nurses to the role of registered nurses following graduation. Participating new graduates described their new role in terms of negotiating great expectations, either their own (of self or of others), or the expectations that clinical colleagues subtly placed on them.

Emergency department patient admission predictive tool: evaluation of user experience

ªMelanie Jessup, J Boyle, J Crilly, J Lind, D Green, Mariann Wallis, G Fitzgerald

Emergency department (ED) overcrowding is an increasing issue impacting patients, staff, and quality of care, resulting in poor patient and system outcomes. In order to facilitate better management of ED resources, a patient admission predictive tool (PAPT) was developed and implemented. Evaluation of the PAPT's accuracy and efficacy was complemented with a qualitative explication of the experiences of users and its impact on their management strategies. The use of a PAPT, embedded in patient flow management processes and championed by a manager, can facilitate efficacious patient flow, bed and staff management.

Pain in paediatric patients: what factors influence health professionals' responses?

ªMelanie Jessup, Creina Mitchell, Janet Reinbold, Jena Pulkkinen

In the context of this qualitative inquiry, health-carers at a large tertiary hospital were interviewed regarding their experiences with paediatric pain management. Disparate pain assessment, management, and documentation practices coexist within and between individual RNs. Focus must be placed on modifiable factors so that the less than gold standard aspects of clinical practice can be addressed to achieve safe, high quality paediatric nursing care.



Emergency Department TPCH

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Current Research Projects

Indigenous people and their families' experiences of cardiac care in a hospital setting

^βVainess Mbuzi, ^αPaul Fulbrook, Nereda White, ^αMelanie Jessup

This project is in its early stages, and is employing a mixed methods design. The aim is to understand how Indigenous people experience acute cardiac care, in order to inform the provision of culturally sensitive care. It is part-funded by a research grant from TPCF Foundation. Dissemination: two articles are currently being prepared for peer-reviewed publication.

Adhesive silicone foam dressing versus meshed silicone interface dressing for the management of skin tears: a comparison of healing rates, and patients' and nurses' satisfaction

^βDamian Williams, ^αPaul Fulbrook, ^αJodie Lay

Point prevalence audits within TPCF between 2009 and 2011 have yielded skin tear prevalence results between 5.38% and 12.59% and 95% of skin tears were on patients over the age of 65. The main goal of this study is to compare two standard dressings in terms of their skin tear healing times. Secondary goals are to assess nurses' satisfaction with the dressings (fit for purpose) and patients' satisfaction (comfort et cetera). This will also enable a cost-benefit comparison to be made.

Provision of a new paediatric service: an investigation of staff's perceptions and experience of the transition from an adult emergency department

^αAlison Peeler, ^αPaul Fulbrook, ^βFrances Kinnear

This research studied the opening of a separate paediatric emergency department at TPCF from the viewpoint of the staff directly affected. It is using quantitative and qualitative analysis of data from a combination of surveys and interviews. These will examine readiness, progress and effects (real and perceived) of the change process at different stages i.e. before, during and after. The surveys were administered widely to staff affected involving different levels and different disciplines. The interviews were conducted with a more limited number of staff representatives of the different groups. The information obtained may help guide the process and should also be of use in planning future similar changes here and elsewhere.

Application of 0.2% glyceryl trinitrate ointment for the healing of chronic venous leg ulcers

^αRoger Lord, ^βDamian Williams, ^αSandra Miles, ^αPaul Fulbrook, ^βEwan Kinnear, ^βJeffrey Rowland

A small study by Roger Lord showed that glyceryl trinitrate, the active ingredient in rectogesic ointment, increased production of nitric oxide in venous leg ulcers. This resulted in vasodilation and immune system activation at the wound site, helping to clear bacterial load and promote wound closure. This new study will recruit a larger sample to reach statistical significance. Consenting patients with venous leg ulceration, confirmed with the use of transdermal oxygen sensors, will be randomly allocated to a control (usual treatment) or experiment (application of 0.2% glycerol trinitrate) group. Planimetry will be used for baseline measurements of ulcer size and to ascertain healing rates at weekly visits over four to six weeks, to monitor whether treatment is having an effect.

A pilot study of nurse-led screening for anxiety and depression in adult heart transplant recipients followed by referral for cognitive behavioural therapy and co-ordination of communication with on-going specialist

Aaron Conway, ^βJudith Sheridan, Patsy Yates, ^βJoanne Maddicks-Law ^αPaul Fulbrook

The main aim of this study is to assess the feasibility of telephone-delivered cognitive behavioural therapy followed by case-conferencing with specialist and primary care services to improve psychological and clinical outcomes for heart transplant patients. The data from this pilot study will be used to determine the likely recruitment and attrition rates as well as estimate the sample size for an adequately powered clinical trial. A secondary aim is to determine the validity of brief, self-administered tools to screen for anxiety and depression in heart transplant recipients.

Falls knowledge survey

Keith Skelton, ^αMelanie Jessup, Nancy Low-Choy N, ^αJenneke Footitt J, ^βStephanie Gettens S, ^αJodie Lay

The aim of this project is to conduct a district wide survey on the topic of falls to ascertain health professionals' current knowledge of falls: their impact and prevention. A questionnaire is being developed to identify potential gaps in knowledge and to inform further research and education.

Information needs of parents of children newly diagnosed with cystic fibrosis

Linda Shields, ^aMelanie Jessup, Cindy Branch-Smith, Lynn Priddis, Tonia Douglas (ArestCF)

Diagnosis cystic fibrosis (CF) is a landmark event. Content and delivery of initial education exert a powerful influence on adjustment to diagnosis and ensuing engagement with the care team. This study is investigating education needs and information seeking behaviours of parents whose child is diagnosed with CF. Following an in-depth qualitative inquiry with a cohort of parents, a questionnaire has been created, validated and piloted in a small convenience sample of respondents, and will now be administered nationally.

Family-centred care in cystic fibrosis

Linda Shields, Melanie Jessup, Tonia Douglas

This study is investigating the implementation and applicability of family-centred care as a model of care for families in which a member with cystic fibrosis (CF), to determine if what has come to be acknowledged as an ideal model is a) implemented in CF care in Australia, and b) relevant and applicable in that care delivery, particularly for those families living in remote settings. A qualitative component complemented by a set of validated and trialed tools are being used.

New Research Projects

Implementation and evaluation of an emergency department 'Navigator' role to improve timely delivery of patient care

^aPaul Fulbrook, ^bFrances Kinnear, ^aMelanie Jessup

Delayed treatment in the emergency department (ED) is a major healthcare issue. Over a twenty week period a new nursing role will be implemented in the ED. This novel role will troubleshoot factors contributing to patient delays. This mixed methods study will evaluate the effectiveness of the role in terms of measurable outcomes, such as length of stay in the ED, and ED staff's evaluation of the role. The study is funded by a research grant from the Australian Centre for Health Services Innovation.

The presence of pressure injury in patients admitted to the emergency department via ambulance: pilot descriptive study

^aPaul Fulbrook, ^aSandra Miles, Elizabeth McInnes, Rose Chapman, ^bFrances Kinnear

The study aim is to determine the prevalence of pressure injury (PI) presence in adult patients arriving at an emergency department (ED) by ambulance. Its objectives of this study are to: describe the relationship between the presence and grade of PI identified on presentation to ED and the presence and grade of PI identified when patients are admitted to the wards; examine the association between various factors (patient-related; pre-ambulance arrival condition; length of ambulance journey; patient position in ambulance; stretcher surface) and the presence of PI; and examine the association between PI presence on admission to the ward and various timed events (ambulance call; ambulance pick up; ambulance arrival in ED; length of stay in ED).

Pilot study of waist circumference as a predictor of major post-operative adverse outcomes following elective non-cardiac surgery

^βUsha Gurunathan, ^βKate Hallinan, ^βIvan Rapchuk, ^βPeter Baker, ^βGemma Duncan, ^aPaul Fulbrook

The main aim of this risk-adjusted cohort study of surgical patients is to estimate the ability of waist circumference to predict major operative adverse outcomes. Secondary aims are to: compare the predictability of waist circumference with body mass index to predict post-operative adverse events; to evaluate the role of surrogate markers (waist:hip ratio, body mass index, neck circumference) to predict post-operative adverse events; and to estimate the length of stay and costs incurred during the primary hospital admission as predicted by waist circumference.

Intensive care nurses' experiences of, and attitudes towards, end of life care: a New Zealand perspective

Maureen Coombs, Kay deVries, Sarah Donovan, ^aPaul Fulbrook,

This research study builds on previous research by Fulbrook, and aims to identify the experiences of, and attitudes towards, end of life care of New Zealand (NZ) intensive care nurses and compare these to those of European intensive care nurses. Building on this, the study also seeks to scope NZ nursing research priorities in end of life care in intensive care. This two phase study uses a mixed methods design.

Perioperative changes in elderly patients undergoing hip fracture surgery

^βUsha Gurunathan, ^βChris Stonell, ^αPaul Fulbrook, ^βBernadette Brown

The main aim of this study is to assess the perioperative changes in patients undergoing surgery for proximal femoral fractures. The secondary aims are to: calculate the prevalence of hypothermia in patients on arrival to the post anaesthetic care unit; and evaluate the association between occurrence of hypothermia and post-operative length of stay in the recovery room.

Efficacy of a brief intervention for emergency department attendees with moderate to high psychological distress

^αPetra Lawrence, ^αPaul Fulbrook, ^αPaula Schuld, Shawn Somerset, ^βCathy Boyle, ^βFrances Kinnear

This study will investigate the efficacy of a brief intervention

(motivational interview) in terms of health outcomes for emergency department (ED) attendees who present with moderate to high psychological distress. The Kessler Psychological Distress Scale will be used to screen for distress. Participants will be followed up for one year

Is waiting time in the emergency department associated with hospital acquired pressure injury occurrence?

^αElyse Fitzpatrick, ^αSandra Miles, ^αJenneke Footitt, ^αPaul Fulbrook, ^βFrances Kinnear

The aim of this study is to investigate whether waiting time in the emergency department (ED) is associated with pressure injury occurrence. The study will review medical charts of all patients who were admitted to hospital via the ED, during a six month period, who later developed a pressure injury while in hospital. ED length of stay and grade of pressure injury will be recorded.

Publications

Peer Reviewed Publications

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Journal Articles Under Review or in Preparation

Hoey LM, ^αFulbrook P, Douglas JA (under review). Sleep assessment of hospitalised patients: a literature review.

McKellar S, ^αFulbrook P (under review). Compliance with lipid lowering medication at one year follow-up.

^αFulbrook P, ^αLawrence P (under review). Prevalence of mental health disorders in an Australian general emergency department.

^αLawrence P, ^αFulbrook P (under review). Efficacy of a brief intervention for emergency department attendees with moderate to high psychological distress: research protocol

Kearney L, ^αFulbrook P (under review). Open access community child health surveillance clinics: A prospective cohort study of parents with infants aged 0-18 months.

^αLawrence P, ^αFulbrook P, ^αMiles S (under review). Survey of Australian nurses' knowledge of pressure injury management.

^αFulbrook P, ^βGettens S (under review). Use of the Modified Falls Efficacy Scale to predict hospital falls.

^αJessup M, Crilly J, Boyle J, Lind J, Green D, Wallis M, Fitzgerald G (under review). Users' experiences of an Emergency Department patient admission predictive tool: a qualitative evaluation.

Crilly J, Boyle J, ^αJessup M, Lind J, Green D, Wallis M, Fitzgerald G (under review). The implementation and evaluation of the Patient Admission Prediction Tool (PAPT): assessing its impact on decision making strategies and patient flow outcomes in two Australian hospitals.

Hohn R, ^αFulbrook P, Rosenberg J, McDonald T (under review). Transition to end of life in the age care setting: identifying the changes.

^βDavison M, ^βKinnear F, ^αFulbrook P. The use of simulation to improve staff confidence and role orientation in the emergency department.

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^αLawrence P, ^αFulbrook P. Screening for mental health: a comparison of the K10 and DASS21.

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Brown C, ^aJessup M, Marshall A. EN2RN: Transitioning to a new scope of practice.

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International

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^aFulbrook P (2013). Pressure injury risk assessment. ANZICS/ACCCN Annual Scientific Meeting. Hobart. 17-19 October 2013.

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^aMiles S, Flowers, K. (2013). Promoting safety in potential life threatening medical crises in a school setting. Paper presented at the Australian College of Children and Young People's Nurses and 4th International Congress on Paediatric Nursing, Melbourne, 24-27 August 2013.

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National

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Local

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^βGettens S, ^αFulbrook P. Reduced confidence in activities: is there an association with hospital length of stay? Pressure Injury and Falls Prevention: Research and Implications for Practice. TPCH/ACU one-day seminar 25 November 2013.

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- ^αFulbrook P, ^αLawrence P, Watt K, Fischer J, ^αHyde S (2012). Prevalence of mental health disorders in an Australian general emergency department. The Prince Charles Hospital Research Forum. The Prince Charles Hospital, Brisbane. 18-19 October 2012.
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- ^βPodger M, Peters R, ^αFulbrook P (2012). Developing standards for specialist heart failure nurses: A Delphi Study. The Prince Charles Hospital Research Forum. The Prince Charles Hospital, Brisbane. 18-19 October 2012.
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- ^βGettens S, ^αFulbrook P (2012). Fear of falling: association with falls and hospital length of stay. The Prince Charles Hospital Research Forum. The Prince Charles Hospital, Brisbane. 18-19 October 2012.
- ^αLawrence P, ^αFulbrook P (2012). The effect of feedback on compliance with the ventilator care bundle. The Prince Charles Hospital Research Forum. The Prince Charles Hospital, Brisbane. 18-19 October 2012.
- ^αMiles S, ^βNowicki T, ^αFulbrook P, ^βFranks C (2012). Ten Years of Pressure Injury Prevalence Audit data from The Prince Charles Hospital The Prince Charles Hospital Research Forum. The Prince Charles Hospital, Brisbane. 18-19 October 2012.

Research Grants

Family centred care in cystic fibrosis

Shields L, ^aJessup, M.

Australian College of Nursing RCNA Research Grant: \$10,000

Pilot descriptive study: the presence of pressure injury in patients admitted to the emergency department via ambulance

^aFulbrook P, Chapman R, McKinnes E, ^aMiles S, ^bKinnear F.

ACU Faculty grant: \$14,000.

Implementation and evaluation of an emergency department 'Navigator' role to improve timely delivery of patient care

^aFulbrook P, ^aJessup M, Kinnear F.

Australian Centre for Health Services Innovation. \$74,000

Adhesive silicone foam dressing versus meshed silicone interface dressing for the management of skin tears: a comparison of healing rates, patients' and nurses' satisfaction

^bWilliams D, ^aFulbrook P (mentor).

The Prince Charles Hospital Foundation: \$9,938.

Cardiac Indigenous patients' and their relatives' experience of acute hospital care

^bMbuzi V, ^aFulbrook P (mentor).

The Prince Charles Hospital Foundation: \$9,978.

TPCH Foundation Small Research Equipment Grant

^aFulbrook P.

The Prince Charles Hospital Foundation: \$4,533.

Intensive care nurses' experiences of, attitudes towards, end of life care: a New Zealand perspective

Coombs M, deVries K, Donovan S, ^aFulbrook P.

University of Victoria, Faculty Grant: \$4,989.

A double blind trial of the application of 0.2% glyceryl trinitrate ointment for the healing of chronic venous leg ulcers

^aLord R, ^aFulbrook P, Williams D, ^aMiles S, Kinnear E, Rowland J.

ACU, Faculty of Health Sciences: \$10,000

Hospital ethics approvals

HREC/12/QPCH/224: Validity and reliability of a pressure injury risk assessment tool for intensive care patients. (CPI P. Fulbrook)

HREC/13/QPCH/68: A double blind trial of the application of Rectogesic Ointment(0.2% glyceryl trinitrate) for the healing of chronic venous leg ulcers. (CPI R. Lord)

HREC/13/QPCH/69: Pilot study: Adhesive silicone foam dressing versus meshed silicone interface dressing for the management of skin tears: a comparison of healing rates, patients' and nurses' satisfaction. (CPI D. Williams)

HREC/13/QPCH/143: Is waiting time in the Emergency Department associated with hospital acquired pressure injury occurrence? (CPI P. Fulbrook)

HREC/13/QPCH/239: A pilot study of nurse-led screening for anxiety and depression in adult heart transplant recipients followed by referral for cognitive behavioural therapy and co-ordination of communication with on-going specialist (CPI A. Conway)

HREC/13/QPCH/244: Efficacy of a brief intervention for emergency department attendees with moderate to high psychological distress (CPI P. Fulbrook)

HREC/13/QPCH/247: Perioperative temperature changes in elderly patients undergoing hip fracture surgery (CPI U. Gurunathan)

HREC/13/QPCH/316: Indigenous cardiac patients' and their relatives' experiences of hospitalisation and acute care: a qualitative study. (CPI V. Mbuzi)

Esteem Indicators

Editorship

Paul Fulbrook

- Connect: The World of Critical Care Nursing

Editorial boards

Paul Fulbrook

- Nursing in Critical Care

Journal referee

Paul Fulbrook

- Australian Critical Care
- International Journal of Nursing Studies
- International Journal of Mental Health Nursing
- Journal of Clinical Nursing
- Nursing in Critical Care

Melanie Jessup

- Chronic Illness
- Clinical Child Psychology and Psychiatry
- Contemporary Nurse
- International Journal of Nursing Studies
- International Journal of Qualitative Methods
- Journal of Cystic Fibrosis
- Psychology of Sport & Exercise Respirology

Sandra Miles

- Australian Critical Care

Roger Lord

- Cytokine

Research indices

Paul Fulbrook

- 2013 H-Index: 16
- 2013 i10-Index: 26

Roger Lord

- 2013 H-Index: 17
- 2013 i10-Index: 25

Professional roles and affiliations

Paul Fulbrook

- National President, Australian College of Critical Care Nurses
- Queensland State President, Australian College of Critical Care Nurses
- Honorary Fellow, European Federation of Critical Care Nursing Associations
- Member, Department of Health and Ageing Nursing and Midwifery Stakeholder Reference Group
- Member, Research and Research Training Committee, School of Nursing, Midwifery and Paramedicine, ACU

- Member, TPCH Research Council.
- Member, TPCH Hospital Research Ethics Committee
- Member, TPCH Emergency Department Research Group
- Member, TPCH Nursing Advisory Committee
- Senior academic, Intensive Care Coordination and Monitoring Unit, NSW. Systematic review of pressure injury prevention and management in intensive care

Melanie Jessup

- Member, TPCH Falls Injury Prevention Committee
- Member, Statewide Falls Prevention Collaborative Committee
- Member, European Cystic Fibrosis Society
- Member, International Nurse Specialist Group - Cystic Fibrosis
- Member, Australian and New Zealand Cystic Fibrosis Nurses Group

Sandra Miles

- Member, Australian College of Children and Young People's Nurses
- Academic Branch Vice President, National Tertiary Education Union

Petra Lawrence

- Member, Drug and Alcohol Nurses Australasia
- Queensland Representative, National Management Committee, Drug and Alcohol Nurses Australasia
- Nurse Leader, Honor Society of Nursing, Sigma Theta Tau International
- Member, Shared Governance Clinical Effectiveness Council TPCH
- Member, Research and Research Training Committee, School of Nursing, Midwifery and Paramedicine, ACU
- Member, Australian College of Nursing

Jodie Lay

- Member, Australian Wound Management Association
- Member, TPCH Emergency Department Research Group

Roger Lord

- Associate, Royal College of Pathologists of Australasia
- Member, Australian Society of Biochemistry and Molecular Biology
- Member, Australian Wound Management Association
- Member, Institute of Biology (UK)
- Member, Advisory Committee on Biologicals
- Member, ACU Biosafety Committee (Brisbane)
- Member, ACU School of Science, Research and HDR Training Committee

Jenneke Foottit

- Member, Australian Association of Gerontology

**Nursing Research & Practice
Development Centre
The Prince Charles Hospital**

Contact: Petra Lawrence
petra.lawrence@health.qld.gov.au
Tel: 07 3139 4984/4513
Level 5, Clinical Sciences Building
The Prince Charles Hospital, Rode Road,
Chermside, Qld 4032, Australia

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