ECU has been named in the Times Higher Education (THE) 150 under 50 rankings for 2016. Recognising the world’s 150 best universities less than 50 years of age, the rankings are a global showcase of a new breed of university. They focus on performance indicators such as research, teaching excellence, international outlook and innovation, and highlight universities that are developing at an exceptional rate. ECU is proud to be recognised for its research productivity, research influence, quality of teaching, industry innovation and international focus. And we’re looking forward to building on this success in 2017.

ECU is committed to reconciliation and recognises and respects the significance of Aboriginal and Torres Strait Islander peoples’ communities, cultures and histories. ECU acknowledges and respects the Aboriginal and Torres Strait Islander peoples, as the traditional custodians of the land. ECU acknowledges and respects its continuing association with Nyoongar people, the traditional custodians of the land upon which its campuses stand.
Welcome from the Dean

Welcome to the School of Nursing and Midwifery.

At the School of Nursing and Midwifery, our research platforms and dedicated teams consist of a collaboration of world-class researchers, clinical professionals and industry leaders. Our research program strongly focuses on making positive changes for communities and the broader health and education sectors.

“Our vision is to undertake innovative research to develop knowledge, evaluate effectiveness and implement change in healthcare through interventions, treatments and knowledge to transform and shape policy and practice”.

The School achieved a ranking of 5 (well above world average) in the 2015 Excellence in Research for Australia (ERA) evaluation. ERA is a comprehensive quality evaluation of all research produced in Australian universities against national and international benchmarks. This rating provides assurance of the excellence of research conducted by the Centre for Nursing, Midwifery and Health Services Research to government, health, and the wider community.

The School integrates the areas of education, research and career development into our overall approach. We are dedicated to training and educating our nurses and midwives in clinical research, and through this, aim to produce research savvy experts that will contribute to advancing nursing practice, impact policy development, and improve health outcomes for the community.

We provide our students, partners and the community with access to a unique range of research resources and programs which seek to improve the capacity of individuals, teams and organisations to lead, facilitate and manage change and innovation across the health system.

“We are grounded in making a real difference to people, their families, the communities in which they live, and the broader health and education sectors”.

I would like to congratulate our academic and professional staff on their outstanding commitment to research that has enabled the School to achieve its goals and objectives of producing quality research that continues to grow and influence change in healthcare.

Professor Di Twigg
Dean, School of Nursing & Midwifery
Edith Cowan University
Message from the Associate Dean Research

Welcome to the Centre for Nursing, Midwifery and Health Services Research

The Centre for Nursing, Midwifery and Health Services Research is a centre of excellence in research, proudly attributing this success to the research programs we have implemented, as well as our research team with links to international experts, leaders in industry, and clinical professionals.

Our research programs were developed with the vision to positively impact on health and well-being and our work is underpinned by three cross cutting principles:

- Engagement with service users, families and communities;
- Commitment to conceptual and methodological innovation;
- Translation – consideration of the policy relevance and practical application of findings.

Research at the Centre for Nursing, Midwifery and Health Services Research crosses the life span from health promotion, health maintenance and disease prevention through to end of life care, engaging with local and global communities.

High quality research:
Real world impact

Our research programs on improving health and well-being across the lifespan, and quality and safety of healthcare, are recognised as being ‘well above world standard’ and have consistently received the maximum rating (5) for quality through the Excellence in Research for Australia (ERA) framework. Our research in the fields of chronic disease management, child and family health, safety and quality of healthcare are recognised as innovative and relevant to national and international audiences.

We collaborate with world-class researchers, industry leaders and clinical experts in the development, conduct and application of our research in our drive to conduct high quality research with real world impact.
We undertake innovative research to develop knowledge, evaluate effectiveness and implement change in healthcare through interventions, treatments and knowledge to transform and shape policy and practice in three key areas:

**Safety and Quality of Healthcare**
This program of research is focused on:
- Workforce (policy, planning and delivery, and mediators of healthcare system outcomes).
- Patient, organisational and economic outcomes.
- Evaluation of clinical practice changes and enhancements.

**Improving Outcomes for Adults with Chronic Health Conditions**
This program of research is focused on:
- Innovative care delivery and person centred outcomes.
- Self-management, families, palliative care, eHealth & mental health, and clinical discovery.

**Childbearing, Children and Young People Research**
This program of research is focused on:
- Advancing local, national and international practice in midwifery, and children and young people.
- Discovering and implementing ways to improve the care and experience of childbearing women and their families through pregnancy, postpartum, up to the age of 18 years.

“Our partnerships with industry are highly important in addressing key clinical priorities and strategic developments with the further aim of building research capacity in the workforce. We have worked in partnership with Sir Charles Gairdner Hospital since 1987. Our more recent partnership between the School of Nursing and Midwifery and Joondalup Health Campus reflects a collaboration that generates evidence based practice. To date research studies in the areas of child and young people, maternity care, ICU survivorship and diabetes management have been developed in collaboration with clinicians at Joondalup Health Campus.”

I would like to acknowledge the staff of the Centre for Nursing, Midwifery and Health Services Research for their consistent hard work in undertaking and producing quality research and securing funding to achieve our goal of shaping policy and practice to implement change in health care and make a positive difference to the community.

**Professor Lisa Whitehead**
Associate Dean Research
School of Nursing & Midwifery
Edith Cowan University
Our Researchers

Associate Professor Diana Arabiat  
Associate Professor Clinical Research & Innovation  
MClnurs, PhD  
Diana is an Associate Professor of Clinical Research and Innovation in the School of Nursing and Midwifery. She received her PhD in nursing studies from Hull University in England, and her Master’s degree in clinical nursing from the University of Boras in Sweden, and the University of Jordan. Diana has over 35 published articles in a number of international journals with high impact factors, and two published books in paediatric nursing. Her principal research interests are in child and adolescent health, in particular the impact of long term illnesses on children’s health, adjustment and quality of life, as well as the child’s experience in coping with long term illness such as cancer. She has particular expertise and interest in the influence of Arab culture and its beliefs from an emotional and psychological perspective.

https://www.researchgate.net/profile/Diana_Arabiat

Dr Ma’en Abu-Qamar  
Lecturer  
PhD, RN  
Dr Ma’en Abu-Qamar is a Lecturer and Unit Coordinator in the School of Nursing and Midwifery. Ma’en is a registered nurse and holds a Doctor of Nursing degree. His research interest is in diabetes care, mainly in the prevention of diabetic foot ulcers. In his doctoral degree, he investigated burn injuries to patients with diabetes.

Ma’en is working with a group on survey data concerning nutritional patterns and diabetes risk factors among people living within the catchment area of ECU’s South West campus. He is leading a systematic review concerning the most commonly reported environmental reasons of foot injury among people with diabetes, and has a growing list of publications in the field of diabetic foot care. His research activities extend to generating evidence to improve the quality of his teaching. In this regard, his publication record contains two articles reporting a research project aiming to improve nursing students’ clinical placement experiences.

https://www.researchgate.net/profile/Maen_Abu-Qamar

Dr Susan Alexander  
Lecturer  
RN, PhD GDcounsel GCTE, RN  
Dr Susan Alexander has been a Nurse researcher/academic for ten years, mainly in the areas of palliative care and foundational/professional studies. Her previous clinical specialties include palliative care and wound management.

Susan’s research interests are in palliative care, but particularly from the holistic perspective including spirituality and psychosocial aspects at end of life. She is currently researching Indigenous health, specifically the influences on treatment decision making in the context of cancer. Susan is also in the early stages of updating previous research into the ethics of conducting research among vulnerable populations. Her prior research has focused on the experience of living with non-healing wounds. Phenomenology and narrative analysis are favoured methods for furthering her research into understanding the human experience of unwellness, with the ultimate aim of assisting individuals as they live with chronic or even terminal illnesses.

https://www.researchgate.net/profile/Susan_Alexander

Associate Professor Sara Bayes  
Associate Professor Midwifery & Associate Dean Midwifery  
Dip Nurs, PGDip Midwifery, PhD, RN, RM  
Associate Professor Sara Bayes completed her PhD in 2010, after which she spent two years in the UK as a post-doctoral fellow with the National Institute of Health Research developing and refining research implementation (knowledge translation) methodologies. She is a longstanding member of the Australian College of Midwives and is currently the Deputy Chair of the WA Branch. Sara continues to teach in the ECU midwifery courses and conducts original research; she also supervises Master’s and PhD students undertaking research on midwifery and maternity care topics. Her research interests include antenatal education, woman-centred maternity care and the translation of evidence into practice.

https://www.researchgate.net/profile/Sara_Bayes
Dr Judith Blake
Lecturer
MSc, PhD, RN

Dr Judith Blake is a Lecturer in the area of Clinical Sciences in the School of Nursing and Midwifery, as well as a Research Scholar in the field of Medical Science (Human Biology). Her research interests have been aimed at increasing the understanding of developmental genes and their involvement in human stem cells and disease.

Dr Blake acquired expertise using state-of-the-art methodologies for the visualisation and characterisation of adult stem cells collaborating with Professor Ziman (ECU), Professor Paul Rigby (UWA), and Professor Frederic Relaix (University Paris-Creteil). In 2014, Dr Blake co-authored an invited review for the leading journal 'Development' which reviewed the molecular functions of developmental genes and detailed the regulatory mechanisms by which they specify and maintain stem/progenitor cells across various tissue lineages. This review also discussed the mechanistic insights into the roles of developmental genes in regeneration and in adult diseases, including cancer.

Judith's recent work is aimed at the characterisation of adult brain stem cells and their roles in neurobiology and glioma (brain cancer).

Associate Professor Angela Christiansen
Associate Professor Nursing Education & Associate Dean Teaching & Learning
BSc (Hons), PGradDip, MSc, PhD

Associate Professor Angela Christiansen is an experienced educationalist and researcher who as Associate Dean Teaching and Learning provides academic leadership to staff within the School. She is committed to the development and enhancement of professional education through innovation, knowledge exchange and evidence based research. She led the development and validation of the undergraduate and postgraduate pre-registration Nursing Programmes at Edge Hill University in the UK. Her research interests include professional education, qualitative research methods including narrative research, active learning approaches, patient safety and compassionate practice. She has led projects in partnership with NHS Service Provider organisations in relation to service improvement, patient safety enhancement and supporting the transition of newly qualified nurses into first employment. She has undertaken the role of Quality Reviewer of Professional Registration Programmes on behalf of the Nursing and Midwifery Council from 2007-2013 and is a reviewer for a number of professional journals including The Journal of Clinical Nursing, Nurse Education Today, Journal of Leadership and Management, and the Journal of Nursing and Care.

https://www.researchgate.net/profile/Angela_Christiansen

Dr Linda Coventry
Research Fellow
DipSc, BSc, MS, PhD, RN

Dr Coventry is a Research Fellow and has a joint position with the Centre for Nursing Research at Sir Charles Gairdner Hospital and the Centre for Nursing, Midwifery and Health Services Research at the School of Nursing and Midwifery, ECU. Linda was successful in receiving a National Health Medical Research Council scholarship to complete a PhD in the area of myocardial infarction. Linda has attracted over $250,000 in research funding, and authored a number of peer reviewed papers. Research areas of interest include translational research, nurse-led models of care, patient outcomes, and evidence based practice. Linda has a clinical background with over 20 years’ intensive care nursing experience including more than 10 years in research.

https://www.researchgate.net/profile/Linda_Coventry2

Dr Hugh Davies
Lecturer
BNurs, PGDip (Intensive Care), MHM, PhD, RN

Dr Hugh Davies is a Lecturer and Unit Coordinator for Professional Nursing Practice and Advanced Nursing Science. Hugh has over 25 year’s clinical experience in the area of critical care nursing. His research interests focus on the care of the critically ill patient. This includes the management of patients who require haemodialysis. Patients with severe acute kidney injury are at risk of fluid overload when excess fluid is allowed to accumulate in the body. If normalisation of fluid balance control is delayed this can affect patient recovery. The importance of improving fluid balance control has directed Hugh’s attention on the practice of fluid balance charting and in the monitoring of body weight changes. Following a review of clinical practice, changes made to the frequency and timing of when patients are weighed forms the basis of Hugh’s current research activities. This includes comparing trends in daily fluid balance totals with changes in body weight to improve the identification of patients at risk of fluid overload.
Dr Gideon de Jong  
Senior Lecturer  
MSc (Hons), PhD, RN

Dr Gideon de Jong is a Senior Lecturer and researcher in mental health nursing and public/community mental health issues within the School of Nursing and Midwifery. Gideon began his career as a Registered Nurse in various mental health care units of GG Drenthe in the north of the Netherlands and Arkin in Amsterdam. Prior to his appointment at ECU, he held a position as Researcher and Lecturer at the VU University Medical Center (Vrije Universiteit medisch centrum, Amsterdam), Department of Medical Humanities, working on the project “Process and outcomes of Family Group Conferencing in mental health care”. Since 2013 he has held an appointment as Research fellow at the University of San Gil (UNISANGIL), Colombia, where he is involved in improving the research capabilities of teachers within the UNISANGIL. He also worked part-time as a researcher from 2008 to 2013 at the University of Groningen and the Hanze University of Applied Sciences. Gideon has a strong interest in mental health research, particularly in family and social network involvement and supported decision-making.

https://www.researchgate.net/profile/Gideon_De_Jong

Professor Christine Duffield  
Professor of Nursing & Health Services Management  
DipNEd, BScNurs, MHP, PhD, RN

Professor Christine Duffield completed her doctoral education at the University of New South Wales where she also completed a Master of Health Planning. She graduated from the University of Western Ontario with a Bachelor of Science in Nursing. Prior to her appointment to her academic positions she worked for several years as a clinical nurse, educator and manager in a variety of acute care hospitals in Canada, Australia, New Zealand and the United Kingdom.

Christine’s research has focused on issues associated with nurses and their work, and a range of current issues facing the nursing workforce. She led the first study in Australia which examined the relationship between nursing numbers, the mix of staff and patient, and staff outcomes. Other funded research projects include defining advanced practice in a range of clinical facilities, the impact of adding nursing support workers, the costs and consequences of nursing turnover, factors impacting on nurses' health, and the role of nurse managers and leaders in ensuring positive patient and staff outcomes. She has been at the forefront of ensuring the translation of her research findings into management and clinical practice across a range of care facilities nationally and internationally.

Christine has over $10M in research funding and currently holds ARC-linkage grants as a Chief Investigator. She supervises PhD, Masters and Honours students studying a range of factors related to nursing workforce and service delivery. Examples of topics include workforce flexibility in the emergency department, the impact of patient movements on nursing workload, impact of the ICU ‘hot floor’ on staff and patient outcomes, the expanded role for practice nurses, retention and the aging workforce, and span of control and nursing autonomy.

https://www.researchgate.net/profile/Christine_Duffield

Dr Beverley Ewens  
Lecturer  
Dip Prof.Stud.Nurs, Grad.Cert Mgmt., BSc Nurs (Hons), PGradDip Crit.Care, PhD, RN

Dr Beverley Ewens is currently Director of Postgraduate Nursing Studies within the School of Nursing and Midwifery, as well as coordinator of many of the postgraduate programs. Beverley has also held positions as Critical Care Manager, Nurse Consultant, and Ward Manager in the UK and Australia. Her research areas of interest include intensive care recovery and all aspects of intensive care nursing, including the implementation of ICU patient diaries. Her current research focuses on the psychological outcomes of an innovative ICU recovery program. Beverley is also undertaking an evaluation of a clinical handover system and educational research to implement an intervention to support non midwives to care for pregnant women in the general setting.

https://www.researchgate.net/profile/Beverley_Ewens

Dr Mandie Foster  
Lecturer  
PGCertHsc, PGDipHsc, PhD, RN

Dr Mandie Foster is a Lecturer and Unit Coordinator for the undergraduate and postgraduate Child and Adolescent and Children and Young People’s nursing. Mandie’s career began in New Zealand as a senior registered comprehensive nurse and she has 25 years of paediatric clinical experience within various paediatric areas. She is also currently on the editorial board for the Praxis Journal New Zealand and a reviewer for the Journal of Pediatric Nursing; Journal of Child Health Care; Child: Care, Health and Development; Neonatal, Paediatric and Child Health Nursing.

Mandie’s research interests are in systematic literature reviews, building research capacity, tool development, psychometrics, mixed methods, translational research into practice, education and innovation and ways to facilitate family and child centred care through meeting the needs of parents, staff and children within various healthcare facilities.

https://www.researchgate.net/profile/Mandie_Jane_Foster
Sadie Geraghty
Lecturer
BA (Hons), BSc (Hons), MMid, MEdRM, PhD candidate

Sadie Geraghty is Coordinator of the Master of Midwifery Practice program and a Lecturer in Nursing within the School of Nursing and Midwifery. Sadie has a background in clinical midwifery, specialising in drug and/or alcohol use in antenatal, intrapartum and postnatal care, and also has an interest in Indigenous cultures and birth, and work-related stress issues in midwives. In 2016, Sadie was awarded with the Vice Chancellor’s Award for Excellence in Teaching: For innovation and excellence in the teaching of the Master of Midwifery Practice. Sadie’s research interests include improving and implementing woman-centred care, and midwifery workforce promotion and support.

https://www.researchgate.net/profile/Sadie_Geraghty

Dr Nick Gibson
Senior Lecturer
DipNurs, BAppSc, PGDipHlthAdmin, PhD RN, FCNA

Dr Nick Gibson started his working career as a Registered Nurse and Midwife, which he enjoyed for many years before becoming interested in emergency medicine, technology and data linkage. As a research academic at the University of Western Australia, he completed his PhD in the area of pre-hospital care and emergency medicine.

Nick has collaborated and published on many projects including outcomes of nursing home patients transported by ambulance, patients presenting with pulmonary embolism, the use of troponins in the emergency department (ED), nurse led analgesia in the ED, the impact of continuing care teams in the ED on falls in the elderly, frequent ED attenders and many more. Nick’s current areas of interest are in international health, and nursing research in the areas of clinical nursing and workflow. He is currently an investigator on a large multi-centred NHMRC grant looking at the effect of the four-hour rule on ED outcomes.

https://www.researchgate.net/profile/Nicholas_Gibson2

Dr Deb Ireson
Lecturer
MMid, CHN, IBCLC, PhD, RN, RM

Dr Deb Ireson is a Lecturer at the School of Nursing and Midwifery’s South West Campus. Deb is a registered nurse, midwife/lactation consultant and a family & community health nurse (child health). She has a passion for high risk and hard to reach families and their needs for care and health education.

Deb’s research interests are reflected from her clinical background in midwifery, community health, lactation and child & adolescent health. Her PhD explored pregnant adolescent’s reasons for engaging with pregnancy and antenatal care as a means of aligning effective midwifery care for this age group.

https://www.researchgate.net/profile/Deb_Ireson

Dr Elisabeth Jacob
Associate Dean Nursing
MEd, PhD, RN

Dr Elisabeth Jacob commenced as a Lecturer at ECU in 2015 for the School of Nursing and Midwifery, and is currently the Associate Dean (Nursing). Elisabeth practiced as a registered nurse for over 20 years in both rural and metropolitan hospitals. She has experience in clinical nurse management and education, and practiced in medical, emergency and intensive care wards. Elisabeth’s research interests include: development of the nursing workforce; skill mix and its effect on patient outcomes; critical thinking and patient outcomes; and mixed methods research.

https://www.researchgate.net/profile/Elisabeth_Jacob

Gina Mata
Lecturer
DipNurs, BSc(HProm), PGradDipNurs, MTD, RN

Gina Mata is a Lecturer at the School of Nursing and Midwifery in Health and Healthcare Systems. She worked in a variety of hospitals in all areas and specialties of nursing before joining ECU as a clinical educator and sessional tutor. At ECU Gina has held many roles: unit coordinator; lecturer; tutor; undergraduate course coordinator; and clinical coordinator, whilst teaching a variety of units in the undergraduate course. Her research interests include: professionalism in nursing; online learning; learning styles; teaching methods; and development of online resources for use in an online environment. This year, Gina is part of a team of ECU colleagues who secured a $5000 ECU teaching and learning grant for an “orientation program to learning and achieving with Interactive Learning Activities”.

https://www.researchgate.net/profile/Gina_Mata
Helen Myers
Senior Research Assistant
BSc, MNurs

Helen Myers is a Senior Research Assistant in the Centre for Nursing, Midwifery and Health Services Research. Helen’s nursing career began as a registered nurse at Graylands Hospital before moving to Sir Charles Gairdner Hospital to undertake a role in the Centre for Nursing Research, conducting clinically focused research. Helen has extensive experience in linked data analysis, quantitative research methods and statistics. She has published 14 articles in peer reviewed journals and received over $300,000 in research funding. Helen’s research interests include health services research, health of vulnerable populations, mental health promotion, data linkage, quantitative research methods, and health economics.

https://www.researchgate.net/profile/Helen_Myers

Carol Pinch
Lecturer
MMidwifery, BAS, PGradDip

Carol Pinch is a Lecturer in Midwifery at the School of Nursing and Midwifery. Carol is currently undertaking research in the development and implementation of a walk-in centre for pregnant women.

https://www.researchgate.net/profile/CAROL_PINCH

Rosemary Saunders
Senior Lecturer
BApp.Sc, PGradDip, MPub.Hlth, PhD Candidate, RN

Rosemary Saunders is a Senior Lecturer within the School of Nursing and Midwifery. Rosemary has held other academic positions in Western Australia and Brunei, and worked as a Clinical Nurse Consultant in aged care. Her research areas of interest include older adults, stroke care and interprofessional practice and education. Her current research is evaluating the impact of older adults living in residential care as simulated patients. Her other research is related to stroke care (Supporting the needs of patients and carers following stroke; Containment strategy for the treatment of intractable faecal incontinence); and interprofessional practice and education in aged care and ambulatory care settings. Rosemary is also undertaking educational research to develop, implement and evaluate an interprofessional education toolkit for staff in residential aged care to better support the care needs of people with cognitive and functional decline.

https://www.researchgate.net/profile/Rosemary_Saunders

Dr Aisling Smyth
Lecturer
BScNurs (Hons), MSc, PhD, RN

Dr Aisling Smyth is Unit Coordinator and Lecturer in Clinical Science Introduction. Her Bachelor degree is in Nursing and she completed her Masters degree and PhD in biological sciences. Currently, Aisling is looking at the link between sleep disturbances and chronic/inflammatory diseases. Aisling’s research interests include; chronic inflammation, rheumatoid arthritis, immunometabolism, circadian rhythm and neuro-degeneration. She is an active member of the Cochrane Nursing Care Field. Aisling is a past recipient of a Science Foundation Ireland scholarship and an ECU Early Career Research grant. She has presented her work at a number of prestigious scientific meetings including Irish Society of Immunology and Cell Immunometabolism conference.

https://www.researchgate.net/profile/Aisling_Smyth

Dr Deborah Sundin
Senior Lecturer & Stage 5 Practice Coordinator
BNurs (Hons), PhD, RN

Dr Deborah Sundin has more than 30 years clinical nursing experience in metropolitan, rural and international venues. Her clinical and research passion lies in critical care. Deborah’s PhD work examined the clinical decision-making occurring at the termination of care in terms of those factors facilitating or constraining the process and impacting upon the outcome and the experience for the decision-makers (families and clinicians). This project included the development of a new critical post-structural methodology. She has since completed two funded projects in this area.

Dr Sundin has supervised six research and higher degree students to successful completion. She has recently successfully applied for a Western Australian DOH grant ($89,000) for the development of Simulation education materials to be used in teaching health professionals how to ‘break bad news’.

https://www.researchgate.net/profile/Deborah_Sundin
Professor Di Twigg
Dean, School of Nursing & Midwifery
B Health Sc (Nsg), MBA, PhD, RN, RM, FACN

Professor Di Twigg is Dean of the School of Nursing and Midwifery at Edith Cowan University, Perth, Western Australia and Research Consultant in the Centre for Nursing Research at Sir Charles Gairdner Hospital. As Dean, Di is the executive leader of the School, and is accountable to the Vice-Chancellor for its effective leadership and management. As a member of the University Executive, she also provides strategic leadership to the wider University and undertakes a strong engagement role nationally and internationally. Previously, Professor Twigg spent most of her career in the health industry and has held several senior health executive roles, most notably as Executive Director of Nursing Services at Sir Charles Gairdner Hospital, a 600 bed Magnet designated teaching hospital.

Professor Twigg combines her extensive experience in Health Service leadership with more recent research and policy development, to make a research contribution to issues related to nursing workforce, hospital staffing and cost effective care. She is recognised for her work in relation to nursing workforce and patient outcome research, which specifically relates to safe staffing levels and the relationships between staffing, patient, organisational and economic outcomes. Since joining academe in 2010, this work has attracted over $1,680,000 research funding, resulted in over 30 peer reviewed papers, a number of key note presentations and has been used by industry and industrial organisations to argue for safe staffing levels.

Professor Twigg currently holds an appointment to the National Nursing and Midwifery Education Advisory Network (NNMEAN) which is an advisory body responsible for the provision of advice to Health Ministers on issues relating to the planning and coordination of education, employment and immigration for nurses and midwives.

Professor Twigg holds a Bachelor of Science (Nursing) Honours from Edith Cowan University, a Master of Business Administration from Murdoch University and a Doctor of Philosophy from The University of Technology, Sydney. She is a Fellow of the Australian College of Nursing, Fellow of the Australasian College of Health Services Management and member of the Honor Society of Nursing, Sigma Theta Tau International.

https://www.researchgate.net/profile/Di_Twigg

Dr Mandy Towell
Post-Doctoral Research Fellow
Dip (CCN), B Cur, M Cur, D Cur, RN

Dr Mandy Towell is a Post-Doctoral Research Fellow in the School of Nursing and Midwifery, and an Adjunct Research Fellow in the Centre for Nursing Research at Sir Charles Gairdner Hospital. She is a registered nurse with 22 years’ experience in critical care nursing and 10 years’ experience in teaching critical care nursing. Her research interests include infection control, intravascular catheters, emotional intelligence, resilience, care of the patient with diabetes in the acute care setting and quality in nursing.

https://www.researchgate.net/profile/Amanda_Towell

Dr Caroline Vafeas
Senior Lecturer & 2nd Year Coordinator
BSc (Hons), MA, PhD, RN

Dr Caroline Vafeas is a Senior Lecturer within the School of Nursing and Midwifery teaching Older Adult Health and post graduate studies in Dementia and Gerontology. Caroline was employed as a District Nursing Sister in the UK for 13 years. She then took up the position of Senior Lecturer at the University of Brighton in the UK, before coming to Perth to work as a Project Nurse for Silver Chain. Caroline then moved to Royal Perth Hospital taking up the position of Staff Development Educator, and in 2007 began lecturing at the School of Nursing and Midwifery, ECU. Caroline’s research interests are in the areas of dementia, older adults and aged care, nurse migration, and mentoring undergraduate student nurses.

https://www.researchgate.net/profile/Caroline_Vafeas

Carol Wang
Lecturer
Cert IV T&A, DipNurs., ADPsych, BNurs, PhD Candidate, RN

Carol is a practitioner, educator and applied researcher with over 26 years’ experience in Nursing. Carol is a Registered Nurse in China, Singapore and Australia. Currently Carol is a Lecturer within the School of Nursing and Midwifery in Professional Nursing Practice 2 (undergraduate) and Clinical Teaching Practicum (postgraduate).

Carol’s career began in China where she worked as a Registered Nurse for eight years, followed by a further eight years at the National Kidney Foundation and Gleneagles Hospital in Singapore. She moved to Perth and worked at St John of God, Royal Perth and Sir Charles Gairdner Hospitals as a Registered Nurse, Staff Development Nurse, Diabetic Educator, and Clinical Nurse. Carol then took up a Lecturer position at West Coast Institute followed by Edith Cowan University. Her research interests include international education and narrative inquiry. Carol is nearing completion of a PhD with eight publications.

https://www.researchgate.net/profile/Carol_Wang13
Professor Lisa Whitehead
Associate Dean Research
BSc (Hons), MA, PhD, RN

Lisa Whitehead is a Professor of Nursing Research, Director of the Centre for Nursing, Midwifery and Health Services Research, Associate Dean Research and an honorary Research Professor at the University of Otago, New Zealand.

Lisa’s research experience over more than 20 years has centred on improving clinical outcomes for people with chronic conditions and supporting older people to remain at home through self-management interventions. Lisa leads the research group “Improving health outcomes for adults living with chronic conditions” within the Centre for Nursing, Midwifery and Health Services Research. Lisa has a strong interest in working with families to support the management of chronic conditions. Most of her research and clinical practice has been in the primary health care setting collaborating with GPs, practice nurses, psychologists, mental health nurses and psychiatrists.

Lisa has been awarded over $5M in research funding during her career and is currently an investigator on an $1.11M grant to explore factors predicting regression from pre-diabetes to normal glucose regulation, funded by the Health Research Council (HRC) of New Zealand.

Lisa has supervised 10 PhD students to completion (7 as primary supervisor) and over 30 Masters students, regularly acts as a PhD examiner and is currently supervising 7 PhD students and 2 Masters by Research students. Lisa is an Associate Editor for the International Journal of Nursing Studies and an active member of the International Family Nursing Association, sitting on the Practice Committee, Practice Sub-Committee, Nominating Committee, and as a country liaison. Lisa reviews research grants for a number of funding bodies including the HRC and Lottery Health Research.

Lisa publishes regularly in nursing and wider health journals and values capacity building of early career researchers and higher degree by research students through research experience, publication and presentations.

https://www.researchgate.net/profile/Lisa_Whitehead

Professor Anne Wilkinson
Chair in Palliative and Supportive Care
MS, PhD

Professor Anne Wilkinson is currently Professor and Chair in Palliative and Supportive Care in the School of Nursing and Midwifery at ECU. Professor Wilkinson has over 20 years of independent and collaborative research experience in both the public and private sectors and has held a number of academic and private sector non-profit research centre Directorships and direct service positions, including Director of the WA Cancer and Palliative Care Research Centre in the School of Nursing and Midwifery at ECU. Prior to her move to Australia in 2007, Professor Wilkinson was a Senior Health Policy Analyst at the RAND Corporation, an internationally known public policy think tank in Washington, DC.

Areas of research focus include health policy analysis, health systems research, clinical quality improvement, and quality of life at the end of life. Examples of her work include a systematic review of the evidence base for outcome measures in palliative care; leading end-of-life clinical quality improvement collaboratives in daily practice in diverse clinical settings across the US; and exploring complex aspects of the patient and family experience in the last phase of life. She has published numerous articles on her research focusing on the reform of health care systems to more effectively support appropriate advanced chronic illness and end of life care, and she is a principal author of two volumes on quality improvement at the end of life: The Common Sense Guide to Improving Palliative Care and Improving Care for The End of Life, both published by Oxford University Press in 2007.

https://www.researchgate.net/profile/Anne_Wilkinson2
Meet Our Partners & Adjunct Associate Professors from Sir Charles Gairdner Hospital

Tony Dolan is the Executive Director of Nursing Services Sir Charles Gairdner and Osborne Park Health Care Group, and the North Metropolitan Health Service. He is responsible for providing strategic and operational nursing leadership, advice and direction on nursing related issues.

Tony has held an Adjunct appointment with Edith Cowan University since 2010, forming a strong collaborative partnership between Sir Charles Gairdner hospital and ECU. The research model adopted by the two Institutions is highly effective and has produced evidence to inform nursing practice.

“My relationship and appointment with ECU allows me to be part of the future discussions that influence the levels of nursing educational preparation for the future to meet our workforce demands”.

Tony Dolan
Adjunct Associate Professor and Executive Director Nursing Services

Sue Davis is Nurse Director Corporate Nursing Research and Education at Sir Charles Gairdner Hospital. In this role, Sue provides leadership to hospital wide nursing services which include, nursing research, nursing education, clinical nurse consultant and nurse practitioner roles, nursing recruitment, and patient equipment. She is a highly respected nurse leader and has had many significant achievements throughout her 45 year nursing career. Sue was awarded the prestigious Lifetime Achievement Honour which celebrates her highly impactful and influential nursing career, helping to alter the nursing landscape in Western Australia.

Sue Davis has held an Adjunct Associate Professor appointment with Edith Cowan University since 2009. Our strong collaborative partnership with Sue and Sir Charles Gairdner hospital supports the development and conduct of quality research to generate evidence that has driven change in nursing practice.

“The outstanding collaborative partnerships between Charlies and ECU have been sustained over many years. These partnerships have included both the Centre for Nursing Education and the Centre for Nursing Research and their success has been driven by innovative programs and staffing models. The outcomes from these partnerships have benefitted both staff and patients at Charlies and we look forward to continuing our productive association for many more years.”

Sue Davis
Adjunct Associate Professor and Nurse Director Corporate Nursing Research
Joondalup Health Campus and IPN

Joondalup Health Campus

Following a major redevelopment, funded primarily by the State Government and Ramsay Health Care, Joondalup Health Campus (JHC) has grown from a 380-bed general hospital to a 712 bed state-of-the-art sub-tertiary facility with close to 75,000 hospital admissions every year and one of the busiest Emergency Departments (EDs) in the country. JHC also delivers more than 4,250 babies every year and performs some 30,700 procedures.

The redevelopment delivered extensive new facilities, including a 145-bed private hospital, an expanded ED, a Level 2B Special Care Nursery, 12 new operating theatres, a day procedure unit, a catheterisation lab, and upgraded pathology and radiology facilities. Importantly, it also delivered a new Community Clinical School, which has strengthened the hospital’s relationship with ECU.

In June 2016, JHC opened the 37-bed Telethon Children’s Ward. With 13 additional beds, this expanded paediatric facility means more local children are receiving better care closer to home.

“The relationship between JHC and ECU was borne out of a commitment to grow with the local community and at the same time improve health care services.

The close geographic location of ECU and JHC, as well as the expanded hospital facilities enables excellent training and research opportunities.

By carrying out joint research projects on the hospital’s key clinical priorities, we are generating evidence based practice and improving health outcomes.

The partnership with the Centre for Nursing Midwifery and Health Service Research is extremely important to us here at JHC.”

Ben Irish
Director of Clinical Services
Joondalup Health Campus

ECU Health Centre and the Independent Practitioner Network (IPN)

The ECU Health Centre is a significant example of engagement with the community. The Centre opened in September 2014, and in addition to traditional GP services, offers midwifery, physiotherapy, occupational therapy, speech pathology, exercise physiology, podiatry, dietetic services and pathology collection. The GP Super Clinic is operated by the Independent Practitioner Network.

The School of Nursing and Midwifery have developed research collaborations in the fields of midwifery, psychological services and primary health care.
# Collaborations 2016

## National Research Collaborations

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<tr>
<td>Agency for Clinical Innovation NSW</td>
<td>Rick Iedema</td>
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<td>Brightwater Care Group WA</td>
<td>Aimee Hallsworth</td>
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### International Research Collaborations

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<td>Mandy Wilkinson</td>
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<td>University of Stirling Scotland</td>
<td>Carol Bugge</td>
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<td>Vu University Amsterdam</td>
<td>Ellen Meijer</td>
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<td>Marjolein van Dijk</td>
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### Strategic Partnerships for Clinical Research

- SJOG Midland Private and Public Hospital
- Princess Margaret Hospital for Children
- Sir Charles Gairdner Hospital
- Joondalup Health Campus
- Fiona Stanley Hospital

- Adventist Health Pacific Union New Zealand
  - Adrielle Carrasco

- Ara Institute of Canterbury New Zealand
  - Nicola Davies

- Arak University of Medical Sciences Iran
  - Nazi Nejat

- Asian Institute of Health Sciences Cambodia
  - Marlene Drysdale

- Boston College USA
  - Sean Clarke

- Diaverum New Zealand
  - Jon Hosking

- Eastern Institute of Technology New Zealand
  - Sally Abel
Research Highlights

There are many research highlights from the Centre for Nursing, Midwifery and Health Services Research. We would like to share three projects that showcase the excellent work carried out by our Researchers in joint projects that demonstrate impact and engagement to improve health outcomes.

Clinically Relevant Differences (Including Genetic Risk) Between Those Who Regress to Normoglycaemia, Those with Persistent Prediabetes and Those Who Progress to T2DM

**Investigators:** Kirsten Coppell, Lisa Whitehead, Leigh Perreault, Terri Speeding, Sally Abel, Jeremy Krebs, Tony Merriman, Andrew Gray.

A study examining factors that predict regression from prediabetes to normoglycaemia was awarded $1.1 million from the Health Research Council of New Zealand. The research, a collaboration between the University of Otago in New Zealand, Edith Cowan University, Health Hawkes Bay, and University of Colorado, will target people diagnosed with prediabetes, a condition highly likely to progress to a diagnosis of diabetes if left untreated. Research Professor Lisa Whitehead from ECU’s School of Nursing and Midwifery, believes that a diagnosis of prediabetes creates a window of opportunity for behavioural change.

This three-year study runs from 2016-2019.

"Being diagnosed with prediabetes is often a shock for people, and we want to see how we can best support people to make lifestyle changes to prevent them going on to develop type 2 diabetes. We will explore the impact of a dietary intervention delivered by nurses in the clinical setting and assess genetic predisposition, run a cost effectiveness analysis, and a qualitative evaluation to fully explore the factors that contribute to progression to type 2 diabetes mellitus or regression to normoglycaemia."

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**Diagnosis of Pre-diabetes =**
- High risk of developing Type 2 diabetes

**Outcome Measures**
- HbA1c
- Weight
- Genetic risk score
- Qualitative data

**Study intervention (over 6 months)**
- **Goal Setting**
- **Dietary intervention**
  - Individual patient education
  - Nutritionally supportive primary care environment
- **Community-based group education**
The Impact of Adding Nursing Support Workers on Patient, Nurse and System Outcomes

Investigators: Christine Duffield, Diane Twigg, Anne Williams, Michael Roche, Catherine Stoddart, Karen Bradley, Sue Davis, Sean Clarke.

Professors Diane Twigg and Christine Duffield received an Australian Research Council (ARC) grant of $300,000 to explore the impact of introducing Assistants in Nursing (AINs) to the acute care hospital setting. AINs are being employed in these settings due to projected nursing workforce shortages and cost drivers. Such significant redesign of the nursing workforce by adding unregulated workers needs to be evaluated to ensure there are no adverse impacts on patient outcomes. The research team included national, international and industry partners. The work took a different approach to most work in this field, with a focus on evaluating the impact of AINs as additional workforce rather than substituting for nurses.

The study used a longitudinal design, evaluating the impact on patient outcomes over a 4 year period (two years before the introduction of AINs and two years after) in 11 hospitals (64 wards). There were 256,302 patient records in the total sample with 125,762 in the pre-test period (2006–2007) and 130,540 in the post-test period (2009–2010). Outcome measures included mortality, failure to rescue, sepsis, urinary tract infections (UTI), pneumonia, pressure injuries, and falls.

Additionally, a cross sectional component (10 matched wards at 3 hospitals) explored the impact on workplace environment, absenteeism, turnover intention, and patient satisfaction with emotional care. Work sampling was also used to understand any changes in task distribution between different types of nursing staff.

A qualitative component collected information on nurses’ experiences with the new workforce arrangement. The key findings have been presented to industry partners and two articles have been published to date.

Findings: There were differences in patient outcomes in wards without assistants in nursing compared with wards with assistants in nursing added to ward nurse staffing, with positive and negative outcomes recorded from each setting. See (Twigg et al. 2016) for further detail.

Conclusion: If nursing assistants are to be added to the existing staffing complement, there should be clear implementation guidelines and training in delegation, accountability and team work to ensure consistent role utilisation. The impact on patient care should be monitored to ensure that the safety and quality of patient care is maintained.
Women's Experiences of a Scheduled Caesarean Section

Associate Professor Sara Bayes’ work has directly informed hospital policy and clinical processes. A qualitative investigation into women’s experiences of a scheduled caesarean section and the policies/processes for that procedure were revised to reflect the evidence generated by the study. The clinical guidelines and patient information reflecting translation of evidence from this research, and the abstracts of the two papers that report the data that underpinned the policy and practice changes are below:

Clinical Guidelines

Pre-admission Clinic for Births by Elective Caesarean Section
King Edward Memorial Hospital

Caesarean Section Midwives Attending
King Edward Memorial Hospital

Patient Information

Preparation for Childbirth and Parenting Courses
Department of Health, Government of Western Australia

Publications

‘Off everyone’s radar’: Australian women’s experiences of medically necessary elective caesarean section

Authors: Sara Bayes, Jennifer Fenwick, and Yvonne Hauck

Introduction: despite an exponential rise in the number of medically initiated elective caesarean sections over the last two decades, women’s experiences of this birth mode remain largely unknown. The aim of this study was to address this gap by describing women’s experiences of medically necessary elective caesarean section.

Methods: a grounded theory approach was used to collect and analyse interview data collected from 28 Australian women who had an elective caesarean section for a medical reason, 14 of whom were also observed during their caesarean section. The analyses of the non-participant observations were used to contextualise the women’s experiences.

Findings: prior to having their baby, women expected to play an active part in their caesarean section and to be supported to take up their ‘mother’ role as soon as their baby was delivered. Postnatally however, they reported having felt invisible, superfluous and disregarded during the event. There was evidence that hospital routines and processes contributed to women feeling displaced and unimportant in their baby’s birth. Three sub-categories were formed from the analysis of the data that together are represented by the in-vivo label ‘off everyone’s radar’. These were ‘just another case on an operating list’, ‘striving to be included while trying to behave’ and ‘unable to be my baby’s mum’. 

Discussion: our findings suggest that when women are ignored during childbirth, any fear they hold may escalate into peri traumatic disassociation, which in turn has implications for women’s postnatal mental and emotional health in the short and long term. In addition, the separation of the mother–baby dyad was found to have a devastating impact on maternal–newborn attachment that lasted well into the postnatal period. To optimise women’s childbirth satisfaction and foster their attachment to their baby, both of which are essential for ongoing emotional well-being, it is vital that they are located at the centre of their birth experience and that if at all possible they are not separated from their newborn.

Becoming Redundant: Australian Women's Experiences of Pregnancy after Being Unexpectedly Scheduled for a Medically Necessary Term Elective Cesarean Section

Authors: Sara Bayes, Jennifer Fenwick, and Yvonne Hauck

Purpose: There is now a comprehensive body of evidence reporting the effects of emergency cesarean section on women’s emotional well-being. How women respond to becoming in need of a medically necessary elective cesarean section, however, has not previously been reported. This article describes and explains how a cohort of Australian women experienced the remainder of the antenatal period following the discovery during pregnancy of a medical reason to book a term elective caesarean section.

Design: Grounded theory methodology was used for this study.

Findings: Seven categories emerged from data analysis to represent the women's responses to becoming in need of a medically necessary term elective cesarean section. Four categories describe women’s actions and interactions as they dealt with their lost expectations and their perceived “displacement” from their baby’s birth. The other three categories represent the factors that mediated, or caused, women's responses.

Main conclusions: This study provides new knowledge about how women experience and respond to an unwanted and unforeseen change in their childbearing journey. The sense of disappointment and loss that is likely to arise for women who must “change track” must be anticipated, recognised, acknowledged, and when possible, forestalled by maternity care professionals. Transformational trustworthiness of the study was evidenced when, having heard the findings, the research site subsequently implemented three initiatives aimed at enabling women who have no option but to undergo elective cesarean section for medical reasons to retain a sense of control and participation in their birth experience. These initiatives, which could be readily adopted in other settings included adding a “planned caesarean section” birth preparation day to the existing antenatal education program, providing the opportunity to “tour” the operating department (as the chance to tour the labor and birth suite is provided to women who are anticipating a vaginal birth), and developing an elective cesarean section birth plan pro forma for women to complete, discuss antenatally, and take with them to the operating room on the day of their baby’s birth.

Publications 2016


Jacob, E. R., McKenna, L., & D’Amore, A. (2016). Educators’ expectations of roles, employability and career pathways of registered and enrolled nurses in Australia. *Nurse Education in Practice*, 16(1), 170-175.

Jacob, E. R., McKenna, L., & D’Amore, A. Role expectations of different levels of nurse on graduation: A mixed methods approach. *Collegian*.


Schreuders, L. W., Geelhoed, E., Bremner, A., Finn, J., & Twigg, D. Feasibility of using payroll data to estimate hospital nurse staffing. *Collegian*. doi: http://dx.doi. org/10.1016/j.colegn.2016.07.004


Grants 2016


Bayes, S., Priddis, L., & Baratt-Pugh, C. Applied Developmental Science Collaborative Programme: Prenatal through the early years. ECU Silver Jubilee Collaboration Grant ($10,000).

Coppell, K., Whitehead, L., Perreault, L., Speeding, T., Abel, S., Krebs, J., Merriman, T., & Gray, A. Clinically relevant differences (including genetic risk) between those who regress to normoglycaemia, those with persistent Prediabetes and those who progress to T2DM. Health Research Council of New Zealand ($1,111,511 NZD).

Coppell, K., Whitehead, L., Perreault, L., Speeding, T., Abel, S., Krebs, J., Merriman, T., & Gray, A. Clinically relevant differences (including genetic risk) between those who regress to normoglycaemia, those with persistent Prediabetes and those who progress to T2DM. Health Research Council of New Zealand ($1,111,511 NZD).


Jacob, E., & Duffield, C. Assessing critical thinking in nurse’s development: analysis of an assessment tool. WA Nurses Memorial Charitable Trust ($10,000).


Twigg, D. Evaluation of initiatives relating to Magnet Hospital designation. Sir Charles Gairdner Hospital ($30,000).


Whitehead, L in collaboration with various schools within ECU. A pilot study to investigate whether there is a relationship between drinking water sources, water quality and adverse health outcomes in WA. ECU Silver Jubilee Collaboration Grant ($10,000).

Successful Grant Value 2014-2016

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
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<tbody>
<tr>
<td>2014</td>
<td>$407,531</td>
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<tr>
<td>2015</td>
<td>$98,126</td>
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<tr>
<td>2016</td>
<td>$1,311,377</td>
</tr>
</tbody>
</table>
## Our Students 2016

**Higher Degree by Research PhD Students**

<table>
<thead>
<tr>
<th>Name of Student</th>
<th>Principal</th>
<th>Thesis Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Esther Adama</td>
<td>Deborah Sundin</td>
<td>Parents experiences of caring for preterm infants after discharge.</td>
</tr>
<tr>
<td>Melanie Baker</td>
<td>Anne Williams</td>
<td>The application of evidence based practice in the acute care hospital setting: A grounded theory study of the perspective of nurses in Western Australia.</td>
</tr>
<tr>
<td>Dianne Bloxsome</td>
<td>Sara Bayes</td>
<td>Why do WA Midwives stay in Midwifery: A phenomenological investigation?</td>
</tr>
<tr>
<td>Charlotte Chapman</td>
<td>Anne Wilkinson</td>
<td>A retrospective study into the communication surrounding the initiation and withdraw of non-invasive ventilation (NIV) in patients with motor neurone disease.</td>
</tr>
<tr>
<td>Carol Crevacore</td>
<td>Christine Duffield</td>
<td>Delegation practices between Registered Nurse and the Assistant in nursing.</td>
</tr>
<tr>
<td>Gemma Evans</td>
<td>Di Twigg</td>
<td>The impact of communication satisfaction on paediatric nurses’ job satisfaction and intention to stay.</td>
</tr>
<tr>
<td>Amanda Fowler</td>
<td>Di Twigg</td>
<td>A mixed method study on Nursing graduate support programs in rural and remote areas of Western Australia.</td>
</tr>
<tr>
<td>Fiona Foxall</td>
<td>Deborah Sundin</td>
<td>Shall we let them die? An exploration of the factors that affect decision-making concerning the withdrawal of life-sustaining treatment in ICU.</td>
</tr>
<tr>
<td>Yakuba Ismaila</td>
<td>Sara Bayes</td>
<td>Midwives and quality of care.</td>
</tr>
<tr>
<td>Name of Student</td>
<td>Principal</td>
<td>Thesis Title</td>
</tr>
<tr>
<td>-------------------------</td>
<td>--------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Julian James</td>
<td>Anne Wilkinson</td>
<td>The treatment of childhood trauma: essential elements and evidence-based outcome measures of residential treatment programs.</td>
</tr>
<tr>
<td>Louise Keyes</td>
<td>Sara Bayes</td>
<td>West Australian Midwives experiences of implementing evidence-based change: a grounded theory study.</td>
</tr>
<tr>
<td>Christine Mackey</td>
<td>Lisa Whitehead</td>
<td>The relationship between basal body temperature and patient outcomes in haematology patients experiencing febrile neutropenia.</td>
</tr>
<tr>
<td>Kylie McCullough</td>
<td>Anne Williams</td>
<td>The delivery of primary health care in remote Australian communities: A grounded theory study of the perspective of nurses.</td>
</tr>
<tr>
<td>Tania McWilliams</td>
<td>Di Twigg</td>
<td>Best practice in acute paediatric burn management: compliance and influencing factors in Western Australia.</td>
</tr>
<tr>
<td>Ahmad Mousa</td>
<td>Nicholas Gibson</td>
<td>Nurse staffing, patient falls and medication errors in Western Australian hospitals: is there a relationship?</td>
</tr>
<tr>
<td>Simone Tiedt</td>
<td>Lisa Whitehead</td>
<td>The influence of carer burden on the early admission of elderly individuals living with dementia into a residential aged care facility.</td>
</tr>
<tr>
<td>Melanie Murray</td>
<td>Deborah Sundin</td>
<td>Linking patient safety to clinical practice: The insight of new graduate registered nurses.</td>
</tr>
<tr>
<td>Lorna Rogers</td>
<td>Lisa Whitehead</td>
<td>Symptom management in immunotherapy.</td>
</tr>
<tr>
<td>Mary Ryder</td>
<td>Elisabeth Jacob</td>
<td>Nurse practitioners and leadership.</td>
</tr>
<tr>
<td>Rebecca Schultz</td>
<td>Lisa Whitehead</td>
<td>Chronic condition management in indigenous communities.</td>
</tr>
<tr>
<td>Ulrich Steinwandel</td>
<td>Nicholas Gibson</td>
<td>Do inferior vena cava ultrasound measurements (IVC-US) by nursing staff improve assessment and management of intravascular volume status in the satellite haemodialysis clinic settings?</td>
</tr>
<tr>
<td>Carol Wang</td>
<td>Lisa Whitehead</td>
<td>Chinese nursing students at Australian universities: a narrative inquiry into their motivation, learning experience, and future career planning.</td>
</tr>
<tr>
<td>Duncan Wright</td>
<td>Christine Duffield</td>
<td>Post-operative patient flow and surgical wards’ capacity to accept transfer of patients from the past Anaesthetic Care Unit.</td>
</tr>
</tbody>
</table>

**Higher Degree by Research Masters Students**

<table>
<thead>
<tr>
<th>Name of Student</th>
<th>Principal</th>
<th>Thesis Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Julie-Marie Barry</td>
<td>Di Twigg</td>
<td>Over census in hospital wards and patient outcomes.</td>
</tr>
<tr>
<td>Melanie Buhlmann</td>
<td>Bev Ewens</td>
<td>Moving on after living with the impact of critical incidents in health care – an interpretive description of the perception of nurses and midwives.</td>
</tr>
<tr>
<td>Tracy Coward</td>
<td>Lisa Whitehead</td>
<td>Assessing and monitoring side effects of an antipsychotic medication.</td>
</tr>
<tr>
<td>Yvonne Farmer</td>
<td>Deborah Sundin</td>
<td>Simulation of critical bleed management in an operating theatre.</td>
</tr>
<tr>
<td>Sushma Bhandari Kunwar</td>
<td>Anne Wilkinson</td>
<td>Quality palliative care for recently diagnosed cancer patients.</td>
</tr>
<tr>
<td>Saskia Mayes</td>
<td>Caroline Vafeas</td>
<td>Early discharge and COPD.</td>
</tr>
<tr>
<td>Karen McCarthy</td>
<td>Jennifer Sharp</td>
<td>Evaluation of ward-based nurse clinical educator role on undergraduate nursing student outcomes and clinical nursing preceptor experiences.</td>
</tr>
<tr>
<td>Peri Mickle</td>
<td>Nicholas Gibson</td>
<td>Haemoglobin monitoring in hip fracture patients.</td>
</tr>
<tr>
<td>Dianne Tomlinson</td>
<td>Jennifer Sharp</td>
<td>An exploration of laryngomalacia: a qualitative case study.</td>
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</tbody>
</table>
Higher Degree by Research (HDR) Completions

Student: Robina Redknap

Course: Doctor of Health Science (Clinical Leadership and Management)

Principal Supervisors: Di Twigg, Amanda Towell

PhD Students in Candidacy 2014-2016

Number of PhD Students in Candidacy 2014-2016

Higher Degrees by Research Available

• Master of Midwifery (Research)
• Master of Nursing (Research)
• Doctor of Health Science (Clinical Leadership and Management)
• Doctor of Philosophy
• Doctor of Philosophy (Integrated)
Presentations 2016

Oral Presentations


Foster, M. & Whitehead, L. Innovative strategies used to develop the needs of children’s questionnaire. 8th International Congress on Innovations in Nursing, Perth, November 2016.


Poster Presentations


Davison, C. Looking back, moving forward, a history of discussion of private midwifery in Western Australia. The 11th International Normal Labour and Birth Conference, Sydney, October 2016.

Davison, C. Look back, moving forward, a history of discussion of private midwifery in Western Australia. Mark Liveris Health Sciences Research Seminar, Curtin University, Perth, September 2016.


Pillay, R., & Alexander, S. Influences on cancer treatment decisions by Aboriginal and Torres Strait Islander individuals. Honouring our Songlines Symposium, Western Sydney University, Sydney, October 2016.


Invited Speakers

Ms Anne McKenzie AM
Head, Consumer and Community Health Research Network, Centre for Health Services Research, University of Western Australia

Topic Engaging with consumers in research

Venue Edith Cowan University, Joondalup Campus, April 2016.

Dr Henrietta Trip
Lecturer, Post Graduate Nursing, University of Otago, Christchurch.


Venue Edith Cowan University, Joondalup Campus, August 2016.

Professor Linda Shields
Professor of Nursing, Charles Sturt University; Honorary Professor, School of Medicine, University of Queensland.

Topic Family and Child Centred Care: Navigating Family, Child and Professional Values.

Presented With Professor Lisa Whitehead and Dr Mandie Foster

Venue Edith Cowan University, Joondalup Campus, September 2016.

Professor Linda Shields

Topic “What are you doing to me?”: The development of ways of caring for children in health care, and a new model.

Venue Joondalup Health Campus, September 2016.

Professor Linda Shields

Topic Things that keep us awake at night. Priorities and challenges in health.

Presented With Professor Lisa Whitehead, Professor Christine Duffield, and Professor Anne Wilkinson.

Venue Edith Cowan University, Joondalup Campus, September 2016.

Associate Professor Martin Jones
Director, Department of Rural Health, University of South Australia.

Topic Increasing Health Workforce Efficacy

Venue Edith Cowan University, Joondalup Campus, October 2016

Professor Hiram Fitzgerald
Associate Provost University Outreach, Department of Psychology, Michigan State University, USA.

Topic Engagement and Disadvantaged Families

Venue Edith Cowan University, Joondalup Campus, October 2016.
Committees, Panels & Memberships

Committees & Panels

Journal editorial boards
Christine Duffield
International Journal of Nursing Studies
Lisa Whitehead
International Journal of Nursing Studies
Mandie Foster
Nursing Praxis in New Zealand

Grant review panels
Christine Duffield
Health Research Board Ireland
Di Twigg
Health Research Board Ireland
Lisa Whitehead
Health Research Council New Zealand

Research Ethics Committees
Linda Coventry
Sir Charles Gairdner Osborne Park Group & Scientific Review Sub-committee
Mandy Towell
Scientific Review Sub-committee – Sir Charles Gairdner Hospital

Memberships
Chair
• ACNP Scientific Committee arranging the 2016 ACNP Conference in Alice Springs
• ANMAC Accreditation Panel for the CQU Bachelor of Midwifery
• Hospital Clinical Facilitators working with Master of Midwifery Practice (MMP) students monthly meeting
• WA Centre for Pregnancy, Childbirth Education and Early Parenting Services Inc. (‘The Bump WA’) Board

Deputy Chair
• Australian College of Midwives’ WA Branch Executive Committee

Fellow
• Australasian College of Health Service Management (ACHSM)
• Australian College of Nursing

Steering Group
• Independent Practitioner Network (IPN)

Memberships (with Committee/active role)
• Athena SWAN Self-Assessment Team
• Australian College of Midwives’ National Midwifery Education Advisory Committee (MEAC)
• Clinical Advisory Committee for Sexual Health Quarters (old Family Planning)
• Clinical Senator for Health in WA
• Council of Deans of Nursing and Midwifery
• Expert group WA Health AUDIT-C Learning Guide – WA Health Audit C. Telethon Kids Institute, UWA, under contract with WA Department of Health
• Golden Key Honour Society
• Health Department of WA Midwifery Workforce Advisory Committee (WAMWAC)
• International Family Nursing Association
• Midwifery Educators WA group
• Midwifery Educators of WA (MEWA)
• Midwifery Educators WA group
• NP Endorsement with Australian Health Practitioners Regulatory Agency (AHPRA) – Expert panel member
• Overview Committee for Victoria Park Community re City 20 year development plan
• Rotary Maternal Health working party
• SCGH Scientific Research Sub-review Committee
• Sigma Theta Tau International
• WA Drugs Advisory Panel representing North Metro Area Health Service (NMAHS)
<table>
<thead>
<tr>
<th>Appointment</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjunct Professor</td>
<td>Dr Linda Kristjanson</td>
</tr>
<tr>
<td></td>
<td>Dr Leanne Monterosso</td>
</tr>
<tr>
<td></td>
<td>Dr Barbara Nattabi</td>
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<tr>
<td></td>
<td>Dr Brenda Rowe</td>
</tr>
<tr>
<td></td>
<td>Dr Anne Williams</td>
</tr>
<tr>
<td>Adjunct Associate</td>
<td>Dr Catharine Andre</td>
</tr>
<tr>
<td>Professor</td>
<td>Karen Bradley</td>
</tr>
<tr>
<td></td>
<td>Dr Vicki Cape</td>
</tr>
<tr>
<td></td>
<td>Sue Davis</td>
</tr>
<tr>
<td></td>
<td>Michelle Dillon</td>
</tr>
<tr>
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<td>Tony Dolan</td>
</tr>
<tr>
<td></td>
<td>Dr Joyce Hendricks</td>
</tr>
<tr>
<td></td>
<td>Rosemary Hoffman</td>
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<tr>
<td></td>
<td>Violet Platt</td>
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<tr>
<td></td>
<td>Dr Ann Tourangeau</td>
</tr>
<tr>
<td>Adjunct Senior Lecturer</td>
<td>Liza Fowler</td>
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<tr>
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<td>Tracy Martin</td>
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<td>Dr Bernadette Wright</td>
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<tr>
<td>Adjunct Lecturer</td>
<td>Dr Caroline Bulsara</td>
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<td></td>
<td>Dr Irene Ngune</td>
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<tr>
<td></td>
<td>Dr Anna Petterson</td>
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<tr>
<td></td>
<td>Dr Susan Slatyer</td>
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</table>
GREENING ECU: Edith Cowan University is committed to reducing the environmental impact associated with its operations by conducting its activities in a socially and environmentally responsible manner. This includes implementing strategies and technologies that minimise waste of resources and demonstrate environmentally sensitive development, innovation and continuous improvement.

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