

NURSING RESEARCH INSTITUTE

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ANNUAL REPORT 2015



NRI NURSING
RESEARCH
INSTITUTE
St Vincent's Health Australia, Sydney | Australian Catholic University

 ST VINCENT'S
HEALTH AUSTRALIA
SYDNEY

 **ACU**
AUSTRALIAN CATHOLIC UNIVERSITY



*"FOR US WHO NURSE,
OUR NURSING IS A THING,
WHICH, UNLESS IN IT WE ARE
MAKING PROGRESS EVERY YEAR,
EVERY MONTH, EVERY WEEK,
TAKE MY WORD FOR IT WE ARE
GOING BACK."*

Florence Nightingale

Florence Nightingale,
May 1842, London



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WHO WE ARE

The Nursing Research Institute (NRI) is a joint organisation between St Vincent's Health Australia Sydney (SVHAS) and the Australian Catholic University, and is based at St Vincent's Hospital Sydney (SVHS). Launched in 2008, the NRI facilitates nurse-led, clinically focused, patient outcome-oriented, multidisciplinary research in healthcare. Our vision is to create a world-class centre in health services research with the aim of improving patient care and health service delivery.

HOW WE DO IT

Our mission is to make a positive impact on patient well-being and health service effectiveness and efficiency through:

- + Conducting high quality, nurse-led multidisciplinary health research with a particular focus on improving patient outcomes and research transfer
- + Building research capacity through training, and mentoring of research students, clinicians, and career researchers
- + Advising, collaborating, and consulting on key issues and challenges relating to multidisciplinary health research with the health industry, clinicians, government, and consumers
- + Creating and sustaining a collegiate, supportive, and high performance research culture attractive to the best researchers and research students



GOVERNANCE

Nursing Research Institute (NRI) Steering Committee

The NRI Steering Committee meets bi-annually to govern and monitor the strategic direction of the NRI, and in 2015 comprised the following members:

| | |
|--|---|
| <p>Adjunct Professor Anthony Schembri
BSW(Hons) GradDipPA MPP(Merit) FACHSM
Chief Executive Officer
St Vincent's Health Network Sydney</p> | <p>Professor Patrick Heaven
FAPS
Dean of Research
Australian Catholic University</p> |
| <p>Adjunct Professor Steven Bernardi
MHA BaN DipHSci MHGC RN
Network Director of Nursing and Patient Care
St Vincent's Health Network Sydney</p> | <p>Professor Sandy Middleton
RN BAppSc(Nursing) MN PhD(Medicine) FACN
Director
Nursing Research Institute</p> |
| <p>Adjunct Professor Jose Aguilera OAM
Director of Nursing and Clinical Services
St Vincent's Private Hospital Sydney</p> | <p>Associate Professor Elizabeth McInnes
BA(Hons) Grad Dip App Sci(Nursing) MPH PhD
Deputy Director
Nursing Research Institute</p> |
| <p>Professor Judy Lumby
AM RN BAMHPed PhD
Emeritus Professor, University of Technology Sydney
Honorary Professor, University of Sydney
Honorary Professor, University of Adelaide</p> | <p>Ms Patty Zenonos
BBus RN
Executive Officer
Nursing Research Institute</p> |
| <p>Professor Michelle Campbell
RN BAppSc(LincolnInstHlthSc) MNSt DN(LaTrobe)
Executive Dean
Faculty of Health Sciences
Australian Catholic University</p> | <p>Mrs Tara Doyle
BA Comm
Executive Assistant to Professor Sandy Middleton</p> |

Nursing Research Institute (NRI) Management Committee

The NRI Management Committee meets three times a year to discuss the ongoing management of the NRI and in 2015 comprised the following members:

| | |
|---|---|
| <p>Adjunct Professor Anthony Schembri
BSW(Hons) GradDipPA MPP(Merit) FACHSM
Chief Executive Officer
St Vincent's Health Network Sydney</p> | <p>Associate Professor Amanda Johnson (June 2015 - Current)
RN DipT(Ng) MstHscEd PhD
State Head of School (NSW&ACT)
School of Nursing, Midwifery & Paramedicine
Australian Catholic University</p> |
| <p>Adjunct Professor Steven Bernardi
MHA BaN DipHSci MHGC RN
Director of Nursing
St Vincent's Health Network Sydney</p> | <p>Ms Rose McMaster (Jan 2015 - Jun 2015)
RN DAppSc (Nursing) Grad Dip Ed (Nursing) MN (Hons)
Acting State Head of School (NSW&ACT)
School of Nursing, Midwifery & Paramedicine
Australian Catholic University</p> |
| <p>Adjunct Professor Jose Aguilera OAM
Director of Nursing & Clinical Services
St Vincent's Private Hospital Sydney</p> | <p>Professor Sandy Middleton
RN BAppSc(Nursing) MN PhD(Medicine) FACN
Director
Nursing Research Institute</p> |
| <p>Adjunct Professor John Geoghegan
BHSci Nursing MMgt MHSci(Hons)
Director of Nursing & Operations
St Joseph's Hospital</p> | <p>Associate Professor Elizabeth McInnes
BA(Hons) Grad Dip App Sci(Nursing) MPH PhD
Deputy Director
Nursing Research Institute</p> |
| <p>Ms Leanne Laidler
RN BN MBA
Director of Nursing & Clinical Services
Mater Hospital Sydney</p> | <p>Ms Patty Zenonos
BBus RN
Executive Officer
Nursing Research Institute</p> |
| <p>Professor Mary Courtney (Jan 2015 - Oct 2015)
BAdmin MHealth Planning PhD
National Head of School
School of Nursing, Midwifery & Paramedicine
Faculty of Health Sciences
Australian Catholic University</p> | <p>Mrs Tara Doyle
BA Comm
Executive Assistant to Professor Sandy Middleton</p> |



PARTNERSHIP

St Vincent's Health Australia Sydney



Adjunct Professor Anthony Schembri
BSW(Hons) GradDipPA MPP(Merit) FACHSM
Chief Executive Officer, St Vincent's Health Network Sydney
NRI Steering Committee
NRI Management Committee



Adjunct Professor Steven Bernardi
MHA BaN DipHSci MHGC RN
Director of Nursing, St Vincent's Health Network Sydney
NRI Steering Committee
NRI Management Committee



Adjunct Professor Jose Aguilera OAM
Director of Nursing & Clinical Services, St Vincent's Private Hospital Sydney
NRI Steering Committee
NRI Management Committee



Adjunct Professor John Geoghegan
BHSci Nursing MMgt MHSci(Hons)
Director of Nursing & Operations, St Joseph's Hospital
NRI Management Committee



Ms Leanne Laidler
RN BN MBA
Director of Nursing & Clinical Services, Mater Hospital Sydney
NRI Management Committee

Australian Catholic University



Professor Michelle Campbell
RN BAppSci (LincolnInstHlthSc) MNSt DN(LaTrobe)
Executive Dean, Faculty of Health Sciences, Australian Catholic University
NRI Steering Committee



Professor Patrick Heaven
FAPS
Dean of Research, Australian Catholic University
NRI Steering Committee



Professor Mary Courtney
BAdmin MHealth Planning PhD
(Jan 2015 - Oct 2015)
National Head of School, School of Nursing, Midwifery & Paramedicine, Faculty of Health Sciences, Australian Catholic University
NRI Management Committee



Associate Professor Amanda Johnson
RN DipT(Ng) MstHscEd PhD
(June 2015 - Current)
State Head of School (NSW and ACT), School of Nursing, Midwifery & Paramedicine, Australian Catholic University
NRI Management Committee



Ms Rose McMaster
RN DAppSc (Nursing) Grad Dip Ed (Nursing) MN (Hons)
(Jan 2015 - June 2015)
Acting State Head of School (NSW and ACT), School of Nursing, Midwifery & Paramedicine, Australian Catholic University
NRI Management Committee

External



Professor Judy Lumby AM
RN BAMHPed PhD
Emeritus Professor, University of Technology Sydney
Honorary Professor, University of Sydney
Honorary Professor, University of Adelaide
NRI Steering Committee



STAFF



Professor Sandy Middleton
RN BAppSc(Nursing) MN
PhD(Medicine) FACN
Director
Nursing Research Institute



Associate Professor Elizabeth McInnes
BA(Hons) Grad Dip App Sci(Nursing)
MPH PhD
Deputy Director
Nursing Research Institute

Researchers (alphabetical)



Ms Kelly Coughlan
RN BANursing Post Grad Dip(CCU) Grad Cert
(Research Methods)
Research Assistant
Stroke Survivorship Project
Triage, Treatment, and Transfer of patients with
Stroke in Emergency Departments (T³) Trial



Dr Louise Craig
BSc(Hons) PhD
Senior Research Fellow
International Stroke Research Collaboration
(ISReC)



Ms Simeon Dale
RN BA(Hons)
Clinical Research Fellow / Trial Manager
Triage, Treatment, and Transfer of patients with
Stroke in Emergency Departments (T³) Trial



Mrs Flavia Darwell
BN Cert III(Aged Care & Acute Care)
Outcome Assessor & Skin Assessor
INTroducing A Care bundle To prevent pressure
injury (INTACT) Trial
Surgical Patient's Pressure Injury Incidents
(SPPII) Trial



Ms Lisa Davey
RN
Recruiter & Data Collector
INTroducing A Care bundle To prevent pressure
injury (INTACT) Trial



Ms Kelly Edwards
BSc BANursing(Hons)
Outcome Assessor
INTroducing A Care bundle To prevent pressure
injury (INTACT) Trial



Mrs Helen Hamilton (Nov 2015 - current)
RN BSc(Hons) BN
Research Assistant
International Stroke Research Collaboration
(ISReC)



Ms Natanya Hunt
BA(MedRadSc) DipBA
Research Assistant & Administrative Officer
Triage, Treatment, and Transfer of patients with
Stroke in Emergency Departments (T³) Trial



Ms Asmara Jammali-Blasi
RN BN(Hons) MPH
Research Assistant (All projects)



Dr Cintia Martinez-Garduno
BSc PhD
Research Assistant (All projects)



STAFF



Ms Dianne Morris (Jan 2015 - Jul 2015)
RN RM BSc MSc
New South Wales State Coordinator
Triage, Treatment, and Transfer of patients with
Stroke in Emergency Departments (T³) Trial



Ms Katherine Paulette
RN
Recruiter
INTroducing A Care bundle To prevent pressure
injury (INTACT) Trial



Ms Rosemary Phillips
BA Grad Dip Science
Research Assistant
International Stroke Research Collaboration
INTroducing A Care bundle To prevent pressure
injury (INTACT) Trial
Surgical Patient's Pressure Injury Incidents
(SPPII) Trial



Ms Janne Pitkin
RN BA
Victorian State Coordinator
Triage, Treatment, and Transfer of patients with
Stroke in Emergency Departments (T³) Trial



Ms Deanna Rowe
BN Dip FinPlan
Outcome Assessor
INTroducing A Care bundle To prevent pressure
injury (INTACT) Trial
Surgical Patient's Pressure Injury Incidents
(SPPII) Trial



Ms Enna Salama
BSc (Hons)
Queensland State Coordinator
Triage, Treatment, and Transfer of patients with
Stroke in Emergency Departments (T³) Trial



Dr Verena Schadewaldt
RN MHSc PhD
Research Fellow
International Stroke Research Collaboration
(ISReC)



Ms Toni Sheridan (Oct 2015 - current)
RN GradCert(Clinical Mgt) CertIV PM&TE
New South Wales State Coordinator
Triage, Treatment, and Transfer of patients with
Stroke in Emergency Departments (T³) Trial

Administration



Mrs Tara Doyle
BA Comm
Executive Assistant to Professor
Sandy Middleton



Ms Patty Zenonos
BBus MN
Executive Officer & Program Manager



RESEARCH PROJECTS

In 2015, the Nursing Research Institute (NRI) conducted 27 projects, 24 of which aligned with five of the 10 Australian Commission on Safety and Quality in Health Care (ACSQHC), National Safety, and Quality Health Service Standards (NSQHS):

2015 NRI projects aligned with the National Safety and Quality Health Services Standards

| NATIONAL SAFETY AND QUALITY HEALTH SERVICE (NSQHS) STANDARDS |
|--|
| Governance for Safety and Quality in Health Service Organisations (STANDARD 1) |
| ACU International Stroke Research Collaboration (ISReC) |
| Altering the Rehabilitation Environment to Improve Stroke Survivor Activity (AREISSA) |
| Head Position in Stroke Trial (HeadPoST) |
| Implementing guidelines: An evaluation of the international uptake of the QASC Fever, Sugar, Swallowing (FeSS) protocols and implementation resources |
| Quality in Acute Stroke Care (QASC) Implementation Project ** |
| STROKE123: A collaborative national effort to monitor, promote, and improve the quality of stroke care in hospitals and patient outcomes |
| T ³ Trial - Triage, Treatment, and Transfer of patients with stroke in emergency departments ** |
| Very Early Rehabilitation in SpEech (VERSE): The development of an Australian randomized controlled trial of aphasia therapy after stroke |
| Emergency Department nurse PRACTitioner Project (EDPRAC) ** |
| Qualitative study of barriers and enablers to evidence based purchasing and disinvestment processes in a tertiary hospital ** |
| The PELICAN study: Progress of a trial of early intervention for chronic obstructive pulmonary disease by practice nurse and GP teams |
| What are the reasons for clinical network success? A qualitative study |
| Partnering with consumers (STANDARD 2) |
| Evaluation of St Vincent's Hospital Outreach Service Woolloomooloo** |
| Headset EEG Predictors of cognitive outcome after stroke |
| INTroducing A Care bundle To prevent pressure injury (the INTACT trial)*** |
| Stage 2 of the Stroke Survivorship Study – A cohort follow-up survey of health, physical function, self-efficacy, and falls risk in stroke survivors and their care-givers |
| Very Early Rehabilitation in SpEech (VERSE): The development of an Australian randomized controlled trial of aphasia therapy after stroke |
| Clinical Handover (STANDARD 6) |
| What are the barriers and enablers to using whiteboards in an acute hospital setting? A mixed-methods study? ** |
| Blood and Blood Products (STANDARD 7) |
| Implementation of a patient blood management program in an Australian private hospital orthopaedic unit: A pilot study ** |
| Preventing and Managing Pressure Injuries (STANDARD 8) |
| Interventions to manage pressure injuries in Australian hospitals - a retrospective study ** |
| INTroducing A Care bundle To prevent pressure injury (the INTACT trial)*** |
| Surgical Patient Pressure Injury Incidence study (SPPII) ** |
| Update Cochrane Review: Support surfaces for pressure ulcer prevention |
| Update Cochrane Review: Support surfaces for pressure ulcer treatment |
| Other |
| Brief smoking cessation program in acute care ** |
| Quality in Acute Stroke Care Mortality Project ** |
| The out-and-about trial: Improving quality of life by increasing outdoor journeys after stroke |

**Projects with SVHAS clinicians

***Please note that the INTACT Trial falls into two NSQHS Standards



STUDENTS



Ms Jane Allnutt

RN RM Dip Teach(Nursing) BSc MPH
PhD Candidate

Thesis Title: Exploring the Nurse Practitioner service in New South Wales

Health-care reforms in Australia have enabled the establishment of Nurse Practitioner Services (NPS), creating an additional clinical position and career pathway for nurses. This qualitative study investigates the evolution of three NPS in New South Wales. This study asks how the NPS evolved and its interface with the existing health service; clinicians' experiences and opinions on the interface of the NPS with existing health services; and patients' and/or parents' experiences with the NPS. An intrinsic case study method was used to collect data from field observations, interviews, and a retrospective medical record audit. This research explores this innovative service model and seeks to understand it both from professional and patient perspectives. The NPS in NSW remains relatively new and research is needed to ensure the efficacy and sustainability of this service model.



Ms Rose McMaster

RN DAppSc(Nursing) Grad Dip Ed(Nursing) MN(Hons)
PhD Candidate

Thesis Title: Evaluation of a day-time drop-in support centre for women who are homeless or at risk of homelessness

Services are available for people who are at risk of being, or who are homeless, many of which have not been evaluated. This project identifies and describes i) a housing support program and ii) a daytime drop-in support centre, both aimed at people at risk of being or who are homeless. In particular, it identifies and describes a housing support program from the perspectives of the clients, the case managers, and people who referred clients to the program as well as the perspectives of the clients, the case managers, service providers, and volunteers at the maintenance support centre.



Ms Duan Jung

ACU Nursing Student and Undergraduate Research Intern

Project undertaken: Systematic review to identify the barriers and enablers for a triage, treatment, and transfer intervention in acute stroke care

Duan's experience at the NRI: I was a second year student undertaking a Bachelor of Nursing at ACU. My internship at the NRI spanned 100 hours over four months and was under the direct supervision of Dr Louise Craig. The internship far surpassed my highest expectations in regards to the variety of research work performed. The principal focus of my internship involved an extensive literature review which enhanced my insight and knowledge of healthcare research and improved my academic skills. The fortnightly supervision with Dr Craig to evaluate my learning process was an enjoyable journey. Since my internship I have decided that I want to pursue a research career in the healthcare industry having gained valuable skills, experience, and knowledge that will help me in the future. Overall, I enjoyed my internship at NRI. I loved being able to work with such an amazing research team of dedicated people. They allowed me to participate in their meetings and other research program presentations to help me better understand other important aspects of research.



CLINICIAN RESEARCH EXPERIENCES



Ms Jane Rodgers

Projects: INTroducing A Care bundle To prevent pressure injury (INTACT)

Study on the Prevention of Pressure injuries in elective surgical patients (SPPII)

Hospital: St Vincent's Hospital Sydney

Position: Vascular Plastics Wound Clinical Nurse Consultant



As a Clinical Nurse Consultant, research is one of the main domains for my professional portfolio. I have worked at St Vincent's Hospital Sydney (SVHS) since 2012 and had not previously been involved in research as it had always frightened me. My clinical role is primarily that of wound management and has been for over 10 years. Associate Professor Elizabeth McInnes, Deputy Director of the NRI, is a member of SVHS's Wound Care Committee. Through her encouragement and ability to make it seem not so daunting, I become part of the clinical aspect of research two years ago. I first joined the NRI to complete stage two of a multi-site research project, the INTroducing A Care bundle To prevent pressure injury (INTACT) trial. This was invaluable as I was encouraged and invited to ask as many questions as needed. Each section of the project was calmly and carefully set out and explained. I learnt that it's a team that is needed to start compiling the right questions. With an air of confidence I then decided to take on the role of lead investigator for an incidence study on the Surgical Patient Pressure Injury Incidence (SPPII) study. This study is still running and it has been great to find myself able to answer queries and questions for others interested in research.



Mr Graham Carter

Project: What are the barriers and enablers to using whiteboards in an acute hospital setting?

A mixed-methods study

Hospital: Mater Hospital Sydney

Position: Registered Nurse



I am a registered nurse who has worked in both the public and private health systems for 20 years. For the last 10 years my primary interest has been cardiac nursing. I came to be involved with the NRI after seeing a flyer calling for expressions of interest in a seconded mentored research position. My interest was immediately piqued, as the opportunity to perform mentored research was very appealing. Having Dr Cintia Martinez-Garduno, an NRI Research Assistant, there to guide me through the steps and give me hints as to what I should prioritise was priceless. The project 'What are the barriers and enablers to using whiteboards in an acute hospital setting? A mixed-methods study' appealed as I was new to my then hospital ward at the time of the introduction of whiteboards. Walking into the NRI on the first day I had no idea what to expect, but was immediately put at ease, as all the staff were very warm and welcoming. I knew I would be doing literature reviews, and planning and designing the research method, but the experience also involved much more, from designing posters and flyers, organising transcripts, catering for focus groups, as well as the opportunity of attending training days for things like NVivo computer programmes. I now feel I have the tools to put my hand up at work should some research be required, and am weighing up the possibility of applying for a research degree.



CLINICIAN RESEARCH EXPERIENCES



Mr Paul Morgan

Project: Implementation of a patient blood management program in an Australian private hospital orthopedic unit: A pilot study

Hospital: Mater Hospital Sydney

Position: Clinical Data Analyst



After many years of nursing and clinical teaching, in 2008 I joined the Mater Quality Improvement Unit and my current position is that of clinical data analyst. I also work casually as an after-hours manager on weekends. I am the secretary of the Blood Transfusion Committee at the Mater Hospital Sydney and through numerous audits I developed an interest in blood and transfusion practice. Hence, the inception of my project titled 'Implementation of a Patient Blood Management Program in a private orthopaedic unit: A pilot study'. Simply put, my experience at NRI has been great. I've learned a lot about the complex nature of ethics submissions, but it has been worthwhile in the end. I have been mentored to prepare a paper for publication. The NRI experience has given me great insight into the rigors of research. I would definitely like to do more research, perhaps a PhD or continue with various projects for publication.



Ms Edel Murray

Project: INTroducing A Care bundle To prevent pressure injury (INTACT)

Hospital: St Vincent's Private Hospital Sydney

Position: Quality Manager Accreditation



I am the Quality Manager Accreditation for St Vincent's Private Hospital Sydney (SVPHS). As a Magnet designated hospital, SVPHS is active in both research and clinical education, and many of our clinicians are actively involved with the research institutes with which the Hospital partners. I have a strong history of collaboration with Associate Professor Elizabeth McInnes and have partnered with the NRI on a number of projects, mainly focused on pressure injury prevention. One of the things I have enjoyed about my collaboration with the NRI is that it has allowed me to broaden my knowledge of research and combine it with my clinical expertise in skin integrity.

For each study that I have been involved with I have been part of each study's investigatory team. Through these opportunities I have also had hand-on experience collecting data and recruiting study participants, and been an author on two peer-reviewed papers. Recently I have been an Associate Investigator on an NHMRC research project focused on pressure injury prevention. This has given me insights into the conduct and logistics of a multi-site, multi-state cluster randomised controlled trial. Armed with this research knowledge, I have now embarked on a PhD investigating 'What are best practice clinical governance principles for safety & quality in acute healthcare facilities?'



INTERNATIONAL COLLABORATION

International Stroke Research Collaboration (ISReC)



From left to right, back to front row: Ms Simeon Dale, Dr Joosup Kim, Dr Nadine Andrew, Dr Liz Lightbody, Dr Kathleen Bagot, Professor Caroline Watkins, Dr Louise Craig, Professor Julie Bernhardt, Associate Professor Dominique Cadilhac, Professor Anne Alexandrov, Professor Sandy Middleton, Dr Monique Kilkenny

The International Stroke Research Collaboration (ISReC) is a research initiative in the area of stroke funded by the Australian Catholic University (ACU) Research Program. ISReC commenced in January 2015 with the employment of two dedicated Research Fellows, Dr Louise Craig and Dr Verena Schadewaldt. Importantly, the Collaboration builds on our existing strong research partnership with stroke researchers from the United States of America (USA), namely, Professor Anne Alexandrov; Professor Caroline Watkins from the United Kingdom (UK); and Associate Professor Dominique Cadilhac from Monash University and the Florey Institute of Neuroscience and Mental Health, University of Melbourne. We also congratulate and welcome Dr Elizabeth Lightbody (UK) who was this year awarded an ACU Clinical Fellow title for her collaboration with ISReC. ISReC aims to undertake internationally significant stroke research with high clinical relevance and impact, whilst developing ACU's stroke research capacity. One of our first projects is examining variation in administration practices for intravenous thrombolysis in acute ischaemic stroke patients in the USA, UK and Australia.

The International Stroke Research Collaboration is:

Professor Sandy Middleton RN BAppSc(Nursing) MN PhD(Medicine) FACN Director, Nursing Research Institute

Associate Professor Elizabeth McInnes BA(Hons) Grad Dip App Sci(Nursing) MPH PhD Deputy Director, Nursing Research Institute

Associate Professor Dominique Cadilhac RN(Div1) BN MPH PhD Head of Translational Public Health and Evaluation Division, Stroke and Ageing Research, School of Clinical Sciences at Monash Health, Monash University Head of Public Health and Health Services Research within the Stroke Division of the Florey Institute of Neuroscience and Mental Health, University of Melbourne

Professor Anne W. Alexandrov RN CCRN NVRN-BC ANVP-BC AGACNP-BC FAAN PhD Professor and NET SMART Program Director, Health Outcomes Institute, University of Tennessee Health Science Center, Memphis, USA Professorial Fellow, Australian Catholic University

Professor Caroline Watkins RN BA(Hons) Psychology State NMC PhD Professor of Stroke and Older People's Care and College Director of Research and Innovation, University of Central Lancashire, UK Professorial Fellow, Australian Catholic University

Dr Elizabeth Lightbody RN BN(Hons) MPhil PhD Research Fellow and Senior Lecturer, University of Central Lancashire, UK Clinical Fellow, Australian Catholic University

Dr Louise Craig BSc(Hons) PhD, Senior Research Fellow

Dr Verena Schadewaldt RN MHSc, Research Fellow

Ms Rosemary Phillips BA Grad Dip Science, Research Assistant

Mrs Helen Hamilton RN BSc(Hons) BN, Research Assistant

Ms Patty Zenonos BBus MN, Project Manager



WELCOME TO OUR ACU ADJUNCT PROFESSORS AND CLINICAL FELLOWS



Congratulations and welcome to our new Australian Catholic University (ACU) Honorary Appointees. ACU's conferral of honorary awards recognises the accomplishment and contribution of persons who have made an outstanding contribution to the achievement of the ACU's mission, to scholarship, or professional practice in one or more disciplines or professions of interest to ACU, to the life and objectives of ACU, to the society, and/or the Church in ways that are aligned to the mission and vision of ACU.

Adjunct Professor titles were awarded to **Adjunct Professor Anthony Schembri** (not pictured), Chief Executive Officer St Vincent's Health Network Sydney and **Adjunct Professor Steven Bernardi** (top right), Director of Nursing and Patient Care of St Vincent's Hospital and Health Network Sydney. Adjunct Professors

Schembri and Bernardi both collaborate closely with Professor Michelle Campbell, ACU's Executive Dean of Health Sciences and our Director, Professor Sandy Middleton, to assist with increasing research outputs from the Nursing Research Institute (NRI). They provide a direct and ongoing link between the researchers at the NRI and the clinicians at SVHS. Both sit on the NRI governance Committee and were fundamental in establishing the ACU, Faculty of Health Science's St Vincent's Hospital Clinical Skills Centre in Darlinghurst.

Clinical Fellow titles were awarded to (from left to right), **Ms Jane Rodgers**, Vascular Plastics Wound Clinical Nurse Consultant at SVHS, Sydney, **Mrs Elizabeth Black**, Learning and Development Manager, **Ms Edel Murray**, Quality Manager at SVPHS, Sydney, and **Ms Julie Gawthorne**, Clinical Nurse Consultant in SVHS's Emergency Department. Clinical Fellows are conferred upon senior clinicians who are highly respected in their clinical specialty area. All have collaborated with the NRI on several research projects that have been conducted at SVHS. These projects include the National Health and Medical Research Council funded Triage, Treatment, and Transfer of patients with Stroke in Emergency Departments (T³) Trial and the INTroducing A Care bundle To prevent pressure injuries (INTACT) trial, the Surgical Patients Pressure Injury Incidence (SPPII) study and others.

They have assisted with publicising NRI projects, ensuring support and infrastructure has been in place at participating wards, and provided advice on intervention development and recruitment strategies. Despite an extremely heavy work load, all are committed to ensuring that all NRI projects have been successfully conducted.

We look forward to our ongoing working relationship with our new Honorary Appointees which will continue to build on the success of a symbiotic collaboration.



HIGHLIGHTS



European Stroke Conference 2015

The Nursing Research Institute's (NRI) Director, **Professor Sandy Middleton**, was delighted to be invited as key speaker at the European Stroke Organisation in Glasgow on 17th -19th April 2015. She presented a session on 'Preventing complications: Promoting recovery and preventing complications' to an international audience of up to 150 health delegates. **Ms Simeon Dale** also presented a poster on our successful Quality in Acute Stroke Implementation Project (QASCIP). The NRI partnered with the NSW Agency for Clinical Innovation, 15 NSW Local Health Districts (LHD), academics, clinicians, and the National Stroke Foundation to establish a translational quality improvement project to improve management of fever, hyperglycaemia,

and swallowing processes of care across the state. The main aim of the project was to implement evidence from the original QASC trial into all 36 NSW stroke services and to rigorously evaluate the process. The project involved over 2000 patients from 36 stroke services. Professor Middleton and her team successfully changed clinician behaviour for fever, hyperglycaemia, and swallowing management in only 14 months for which they were awarded the NSW Premier's Public Sector Award for Improving Performance and Accountability.



INTroducing A Care bundle To prevent pressure injury (INTACT) recruitment success

In May, a morning tea was held to celebrate the successful recruitment of 200 patients at St Vincent's Private Hospital Sydney for the INTroducing A Care bundle To prevent pressure injury (INTACT) trial. **Ms Rosemary Phillips** (left), Site Coordinator, and **Ms Lisa Davey** (right), Recruitment Officer, were congratulated for their hard work and recruitment achievements.

INTACT is a nursing led, NHMRC funded, multi-site cluster randomised controlled trial of a novel intervention that incorporates several pressure injury prevention strategies into a care bundle which focuses on patient participation. The aim of

the INTACT trial was to test whether providing patients with a formal education strategy reduce the development of pressure injuries in 'at risk' hospitalised patients. The study was led by Griffith University with St Vincent's Hospital Sydney and St Vincent's Private Hospital Sydney being the only participating hospitals in NSW.



HIGHLIGHTS



Outstanding support for Surgical Patient Pressure Injury Incidence (SPPII)

In June, **Ms Alana Duncan**, Enrolled Nurse (second left), Pre-admission clinic, **Mr David Ireland** (middle), RN, Pre-admission Clinic Coordinator, and **Ms Dominique Pennington** (right), Nurse Unit Manager, Peri Operative And Interventional Services (PAIS) Day Procedures Centre were awarded with Certificates of Appreciation for outstanding support and assistance provided to the Surgical Patient Pressure Injury Incidence Study. **Ms Rosemary Phillips**, SPPII Project Coordinator and **Ms Jane Rodgers**, SPPII Principal Investigator (second from right) held an afternoon tea in their honour.

Hospital acquired pressure injuries are a serious and ongoing concern for health services worldwide. Surgical patients are considered to be of high risk of developing pressure injuries due to immobility caused by anaesthesia and length of surgery. However, there is little extant research, particularly in Australia, that has measured pressure injury incidence in this group of patients. In 2015, the NRI sought to address this research and clinical knowledge gap and commenced a prospective cohort study at St Vincent's Hospital Sydney. The SPPII study aims were to investigate the incidence of post-surgical pressure injuries among elective surgical patients with a minimum hospital stay of 48 hours and identify potentially controllable extrinsic risk factors that may be associated with developing pressure injuries. Patient recruitment has now been completed and results will be available in 2017.

Media Interview - Hospital Managers Can Help Drive Hand Hygiene Compliance



The NRIs Deputy Director, **Associate Professor Elizabeth McInnes** was interviewed by Infection Control Today about a published qualitative study on senior hospital managers' views on current and innovative strategies to improve hand hygiene. The report notes that the NRI's study adds to the ongoing debate as to whether there should be a shift in focus from a systematic failure to personal accountability, in order to strengthen hand hygiene compliance programs. Associate Professor McInnes reiterated the importance of the requirements of a top down approach to culture change — whether developing new or revamping old policies, or taking disciplinary measures for failure to comply. It was noted that senior leaders should directly engage with frontline managers, supervisors, and staff and secure their commitment to embed the message that best practice hand hygiene is part of the organisational mantra and the way we do things around here. The significance of the article, on which this interview was based, is also demonstrated by its inclusion in the Australian Commission on Safety and Quality in Health Care's 'On the Radar' ePublication. This monthly publication provides a summary of some of the recent publications in the areas of safety and quality in health care. For the full interview and article visit: <http://tinyurl.com/jon3sj9>



HIGHLIGHTS



NRI Research Workshop and SVHAS Research Week 2015

The Nursing Research Institute (NRI) team was involved in St Vincent's Health Australia Sydney (SVHAS) Campus Research Week from the 7th-9th September. The NRI had a booth in the St Vincent's Hospital Sydney Mezzanine with interactive activities and information regarding our current research projects. NRI staff presented as part of the daily lunchtime '5 Minute Fast Forward Research Talks' with the following NRI staff: **Associate Professor Elizabeth McInnes** - *INTroducing A Care bundle To prevent pressure injury – why we did this study*; **Dr Cintia Martinez-Garduno** - *Surgical Patient's Pressure Injury Incidence Study*; and **Ms Simeon Dale** - *Triage, Treatment and Transfer of patients with Stroke in Emergency Departments*.



As part of the week's programme the NRI also held its Biennial Research Workshop (9th September). It was a successful day with 43 participants from multidisciplinary backgrounds. It was divided into two separate sessions this year. The morning session looked at qualitative, quantitative, and mixed methods research aimed at clinicians with limited research experience and provided an interactive introduction into key research methods and a series of research case-studies. In the afternoon, the interactive session aimed at developing research questions. Congratulations to **Ms Julie Gawthorne**, a St Vincent's Hospital Sydney Clinical Nurse Consultant in the Emergency Department, who won a prize for best research question.



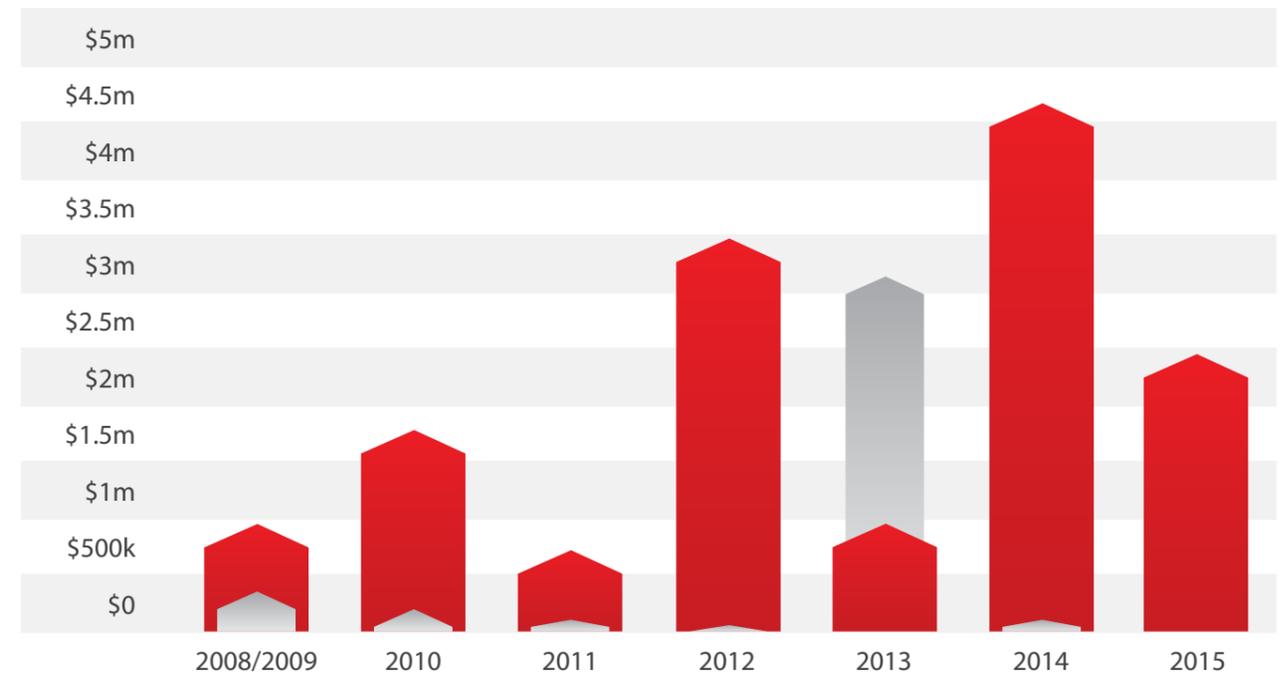
Professor Wendy Chaboyer Presents

On the 19th November, **Professor Wendy Chaboyer** (second on right), Director of Centre of Research Excellence (CRE) in Nursing, the first CRE in nursing funded by the National Health, and Medical Research Council, visited the NRI and presented to St Vincent's Health Australia Sydney clinicians and Australian Catholic University staff. Professor Chaboyer's presentation titled 'Development and Testing of a Patient Centred Pressure Injury Prevention Care Bundle: INTroducing A Care bundle To prevent pressure injury (INTACT) Trial' attracted a full house with over 40 in attendance. Professor Chaboyer is the Chief Investigator of the INTACT trial. An afternoon tea was held in her honour where she met with **Adjunct Professor Jose Aguilera** (second left), the Director of Nursing and Clinical Services at St Vincent's Private Hospital Sydney, and the NRI's INTACT project team, **Ms Edel Murray** (left), **Ms Jane Rodgers** (right), and **Associate Professor Elizabeth McInnes** (centre), who is an investigator on the trial.



AWARDED GRANTS

NRI Grant Funds Received - 2008-2015



Category 1 grants awarded in 2015 Nursing Research Institute (NRI) staff in red

- Category 1 Funding (NHMRC / ARC)
- Category Funding 2 & 3 / Other

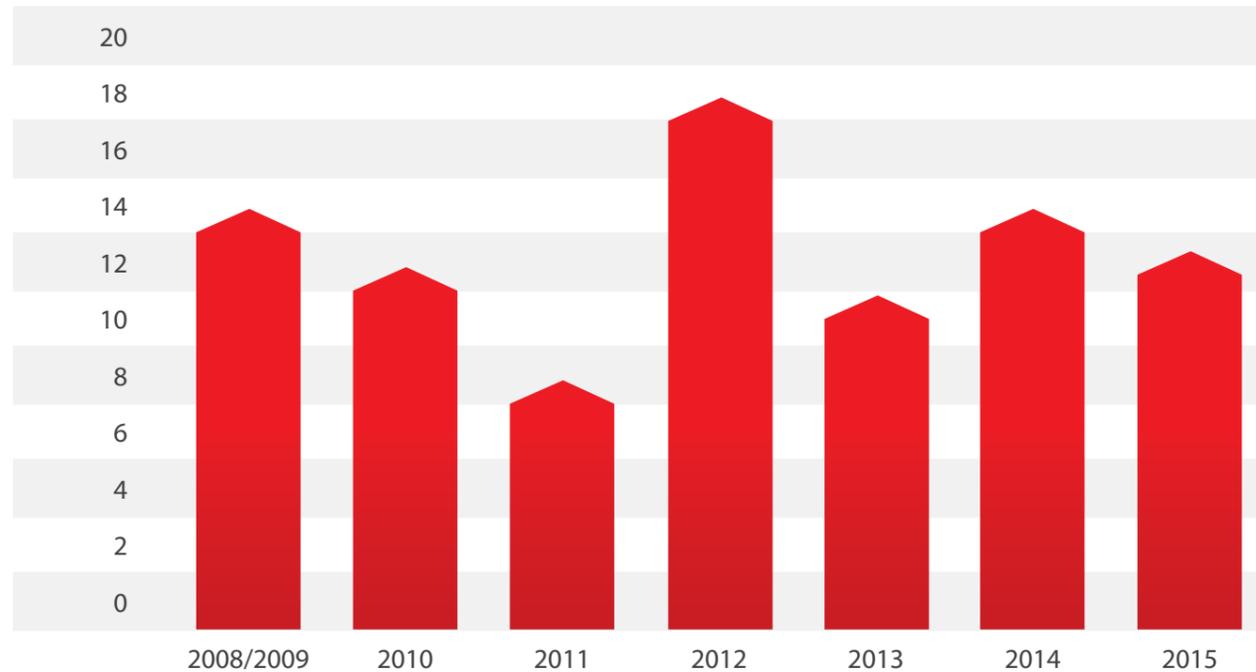
Bernhardt J, Nilsson M, Carey L, van Vilet P, Cadilhac D, Parsons M, Bladin C, **Middleton S**, Levi C, Donnan A. Centre for Research Excellence in Stroke Rehabilitation and Brain Recovery. National Health and Medical Research Council Project Grant. 2014: \$631,079; 2015: \$667,228; 2016: \$549,930; 2017: \$351,723; 2018: \$300,574.

Total Funds Awarded: \$2,500,537.
(Project ID: APP1077898).



PEER-REVIEWED PUBLICATIONS

Nursing Research Institute (NRI) staff in red



Harvey G and **McInnes E**. Disinvesting in ineffective and inappropriate practice: the neglected side of evidence-based healthcare? Editorial. *Worldviews on Evidence-Based Nursing*, 2015; 12:6, 309–312. ** Invited Editorial **

Chaboyer W, Bucknall T, Webster J, **McInnes E**, Banks M, Wallis M, Gillespie B, Whitty J, Thalib L, Roberts S, Cullum N. INTroducing A Care bundle To prevent pressure injury (INTACT) in at-risk patients: a protocol for a cluster randomised trial. *International Journal of Nursing Studies* 2015; 52(11):1659-68.

McInnes E, Haines M, Dominello A, Kalucy D, **Jammali-Blasi A**, **Middleton S**, Klineberg E. What are the reasons for clinical network success? A qualitative study of stakeholder views. *BMC Health Services Research* 2015; 15:497.

McInnes E, **Jammali-Blasi A**, Bell-Syer S, Dumville J, **Middleton V**, Cullum N. Support surfaces for pressure ulcer prevention. Fourth Update. *Cochrane Database of Systematic Reviews*, Issue 9, 2015.

McCluskey A, Ada L, Patrick J, Kelly P, **Middleton S**, Goodall S, Grimshaw J, Logan P, Longworth M, Karageorge A. Compliance with Australian guideline recommendations for outdoor mobility and transport training by post-inpatient rehabilitation services: An observational cohort study. *BMC Health Services Research* 2015; 15(1):296.

Munoz-Venturelli P, Arima H, Lavados P, Brunser A, Peng B, Cui L, Song L, Billot L, Boden E, Hackett ML, Heritier H, Jan S, **Middleton S**, Olavarria VV, Lim J, Lindley RI, Heeley E, Robinson T,

Pontes-Neto Lkhamtsoo Natsagdor O, Lin RT, **Watkins C**, Anderson C. Head Position in Stroke Trial (HeadPoST) – sit up-up vs lying-flat positioning of patients with acute stroke: study protocol for cluster randomized controlled trial. *Trials* 2015; 16:256.

Drury P, **McInnes E**, Hardy J, **Dale S**, **Middleton S**. Stroke unit nurse manager's views of the influence of individual and organisational factors on evidence-based practice: A survey. *International Journal of Nursing Practice*. Published online 5 May 2015.

Middleton S, Grimley R, **Alexandrov A**. Triage, Treatment and Transfer: Evidence-based clinical practice recommendations and models of nursing care for the first 72 hours of admission to hospital for acute stroke. *Stroke* 2015; 46(2):e18-25.

Dale S, Levi C, Ward J, Grimshaw J, **Jammali-Blasi A**, D'Este C, Griffiths R, Quinn C, Evans M, Cadilhac D, Cheung N, **Middleton S**. Barriers and enablers to implementation clinical treatment protocols for fever, hyperglycaemia and swallowing dysfunction in the Quality in Acute Stroke Care (QASC) Project - a mixed methods study. *Worldviews on Evidence Based Nursing* 2015; 12(1):41-50.

Knowles S, Lawrence T, **McInnes E**, Elliott D, Hardy J, **Middleton S**. Knowledge, attitudes, beliefs and behaviour intentions for three bowel management practices in intensive care: Effects of a targeted protocol implementation for nursing and medical staff. *BMC Nursing* 2015; 14:6.



PUBLISHED ABSTRACTS

Nursing Research Institute (NRI) staff in red

Cadilhac D, Kim J, Lannin N, Levi C, Andrew N, Kilkenny M, Grabsch B, Dewey H, Hill K, Faux S, Grimley R, **Middleton S**, Anderson C, Donnan A. The quality of care provided to patients hospitalized with a transient ischemic attack. *International Journal of Stroke* 2015; 10(3): 27.

Lim J, Hackett M, Munoz-Venturelli P, Arima H, **Middleton S**, Olavarria V, Brunser A, Lavados P, Peng B, Cui L, Lin RT, Lee T, Pontes-Neto O, Natsagdorj L, **Watkins C**, Robinson T, Anderson C. Are the ups and downs important? Head Position in Stroke Trial (HeadPoST). *International Journal of Stroke* 2015; 10(3): 20.

Grimley R, Andrew N, Grabsch B, Coccetti A, Cornwell P, O'Connell C, Cadigan G, Lannin N, Anderson C, **Middleton S**, Cadilhac D. Dysphagia screening/assessment is associated with reduced 30 day mortality after acute stroke. *International Journal of Stroke* 2015; 10(3): 15.

Godecke E, Armstrong E, Ciccone N, **Middleton S**, Rai T, Holland A, Cadilhac D, Rose M, Hankey G, Whitworth A, Ellery F, Bernhardt J. Very Early Rehabilitation in SpEEch (VERSE) after stroke: On-going trial status. *International Journal of Stroke* 2015; 10(3): 13.

Godecke E, Armstrong E, Ciccone N, Rai T, **Middleton S**, Cadilhac D, Rose M, Whitworth A, Holland A, Hankey F, Ellery F, Bernhardt J. Establishing large scale therapy fidelity processes in the Very Early Rehabilitation in SpEEch (VERSE) clinical trial: Lessons learned. *International Journal of Stroke* 2015; 10(3): 13.

Thayabaranathan T, Andrew N, Branagan H, Salama E, Grabsch B, Hill K, Cadigan G, Grimley R, **Middleton S**, Cadilhac D. Understanding the benefits of external support for quality improvement activities in public hospitals for acute stroke: A sub study of Stroke123. *International Journal of Stroke* 2015; 10(3): 10.

Cadilhac D, Andrew N, Salama E, Meade I, Kuhle S, Dunstan L, Horton E, **Middleton S**, Grimley R. Improving discharge from hospital after stroke: A focus on prevention medication and discharge planning. *International Journal of Stroke* 2015; 10(3): 10.

McCluskey A, Ada L, Kelly P, **Middleton S**, Goodall S, Grimshaw J, Logan P, Longworth M, Karageorge A. The challenge of changing practice: Learning from the Out-and-About cluster randomised controlled trial involving community teams and stroke survivors. *International Journal of Stroke* 2015; 10(3): 9.

Cadilhac D, Lannin N, Kilkenny M, Grabsch B, Andrew N, Kim J, Donnan A, Levi G, Dewey H, Hill K, Faux S, **Middleton S**, Anderson C. Survival advantage from stroke unit care: Evidence from the Australian Stroke Clinical Registry. *International Journal of Stroke* 2015; 10(3): 46.

Lannin N, Cadilhac D, Anderson C, Kilkenny M, Dewey H, Grimley R, Faux S, Castley H, **Middleton S**, Bladin C. Clinical outcomes among younger adults with stroke registered in the Australian Stroke Clinical Registry (AuSCR). *International Journal of Stroke* 2015; 10(3): 47.

Dale S, **Middleton S**, **Lydtin A**, Comerford D, Hill K, Longworth M, McElduff P, D'Este C, Cadilhac D. The Quality in Acute Stroke Care (QASC) Implementation Project: State-wide evidence to practice translation. *International Journal of Stroke* 2015; 10(2): 198.



INVITED LECTURES & PRESENTATIONS

Nursing Research Institute (NRI) staff in red



McInnes E. *Qualitative Synthesis*. The University of Sydney, Sydney Nursing School. May 2015.

****Invited Speaker****

Dale S. *Translating evidence: Upscale and spread of trial results into the real world*. The University of Sydney, Sydney Nursing School. May 2015.

****Invited Speaker****

Middleton S. *Australian Catholic University spring graduation address*. Sydney. September 2015.

****Invited Presenter****

Middleton S. Panel-led Discussion – *How to improve success rate*. Australian Catholic University Faculty of Health Sciences NHMRC Workshop, Sydney. November 2015.

****Invited Presenter****



Middleton S. *What makes a successful application?* Australian Catholic University Faculty of Health Sciences NHMRC Workshop, Sydney. November 2015.

****Invited Presenter****

Dale S. *Translating evidence: Upscale and spread of trial results into the real world*. Buckinghamshire New University, UK. December 2015.

****Invited Speaker - via Skype****



RESEARCH SEMINARS

In 2015 the Nursing Research Institute (NRI) combined with St Vincent's Hospital Sydney's Allied Health Research Unit to present monthly research seminars. The program included a number of workshops presented by experts in the area who shared their research experiences. The program also included three journal club sessions to review journal articles through guided open conversations:

| DATES | TITLE OF SESSION | SPEAKER(S) |
|-------------------------------|--|---|
| Fri, 27 Feb & Mon, 2 March | Getting Started on Research (Seminar) | Professor Vicki Flood
Professor of Allied Health, St Vincent's Hospital Sydney and The University of Sydney
With clinicians sharing their experiences:
Ms Amanda Duffy
Senior Oncology Dietitian, St Vincent's Hospital Sydney
Mr Paul Morgan
Clinical Data Analyst, Mater Hospital Sydney |
| Mon, 23 March | Journal Club
Paper: <i>Are aboriginal people more likely to be diagnosed with more advanced cancer? Gibberd A, Supramaniam R, Dillon A, Armstrong B, and O'Connell D. Medical Journal of Australia, 2015; 202(4):195-199.</i> | Dr Josephine Gwynn
Research Fellow, Allied Health Research Unit, St Vincent's Hospital Sydney |
| Wed, 25 March | Turning the Research Question Into a Search Strategy (Seminar) | Ms Caroline Yeh
Walter McGrath Librarian, St Vincent's Hospital Sydney |
| Mon, 27 April & Wed, 29 April | Qualitative Research Methods (Seminar) | Dr Paul Andrews
Social Work, St Vincent's Hospital Sydney
With clinicians sharing their experiences:
Ms Rosemary Phillips
Research Assistant, Nursing Research Institute |
| Wed 4 May | A qualitative study of senior hospital managers views on current and innovative strategies to improve hand hygiene - Applied Medical Research Seminar Series (Seminar) | Ms Rosemary Phillips
Research Assistant, Nursing Research Institute |
| Mon, 25 May | Grant Writing (Seminar) | Associate Professor Elizabeth McInnes ,
Deputy Director, Nursing Research Institute |
| Mon, 22 June | Ethics and Governance Approvals for Research (Seminar) | Professor Vicki Flood
Prof of Allied Health, St Vincent's Hospital Sydney, and The University of Sydney
With clinicians sharing their experiences:
Ms Simeon Dale
Clinical Research Fellow, Nursing Research Institute |
| Wed, 1 July | Qualitative Methods (Seminar, Mater Hospital) | Ms Rosemary Phillips
Research Assistant, Nursing Research Institute |
| Wed, 29 July | Journal Club
Paper: <i>Provider perceptions of barriers to the emergency use of tPA for Acute Ischemic Stroke: A qualitative study. Meurer W, Majersik J, Frederiksen S, Kade A, Sandretto A and Scott P. BMC Emergency Medicine, 2011; 11(5):1-12.</i> | Dr Louise Craig
Senior Research Fellow, Nursing Research Institute |
| Wed, 26 Aug | Early impact of Oropharyngeal and/or Laryngeal Dysfunction after lung and heart transplantation (Seminar) | Mrs Rebecca Black
Speech Pathology, St Vincent's Hospital Sydney |
| Tues, 27 Oct | Pressure Injury Incidence Study (INTACT trial) (Seminar, The Mater Hospital) | Associate Professor Elizabeth McInnes
Deputy Director, Nursing Research Institute |
| Wed, 28 Oct | Journal Club
Paper: <i>Psychological and Cognitive assessment of Indigenous Australians, Dingwall K. and Cairney S. Australian and New Zealand Journal of Psychiatry, 2010; 44:20-30.</i> | Dr Josephine Gwynn
Research Fellow, Allied Health Research Unit, St Vincent's Hospital Sydney |
| Thurs, 29 Oct | Cognitive Behavioural Therapy, Mindfulness-based Interventions, and Heterogeneity within Problem Gambling samples: First steps towards targeted treatment in a clinical population (Seminar) | Mr Cameron McIntosh
Clinical Psychologist, Gambling Treatment Program, St Vincent's Hospital Sydney |
| Thurs, 26 Nov | Barriers and Enablers to Using Patient Whiteboards in an Acute Hospital Setting (Seminar)
Implementation of a Patient Blood Management Program (Seminar) | Mr Graham Carter
Registered Nurse, Mater Hospital Sydney
Mr Paul Morgan
Clinical Data Analyst, Mater Hospital Sydney |



CONFERENCES

Nursing Research Institute (NRI) staff in red,
presenting authors underlined

| CONFERENCE | PRESENTED BY |
|--|--------------|
| International Stroke Conference 2015. Nashville, United States of America. 10th – 13th February 2015. | |
| <u>Middleton S.</u> <i>Creating International Stroke Nursing Research Collaboration (ISReC) Symposium Presentation (1 hour) consisting of:</i>
<u>Middleton S.</u> <i>The T³ Trial: Triage, Treatment & Transfer in the Emergency Department;</i>
<u>Alexandrov A.</u> <i>Maximising patient recovery with acute stroke treatments;</i>
<u>Lightbody EC.</u> <i>Optimising outcomes following stroke;</i>
<u>Cadilhac D.</u> <i>Experiences from the Australian Stroke Clinical Registry (AuSCR).</i> | NRI |
| <u>Middleton S.</u> , Comerford D, <u>Lydtin A.</u> , <u>Dale S.</u> , Cadilhac D, D'Este C, McElduff P, Hill K, Cheung N, Levi C, Longworth M, Ward J, Quinn C on behalf of the QASC Implementation Working Group and Steering Committee. <i>Changing state-wide stroke practice: The QASC Implementation Project.</i> | NRI |
| Annual Multi-Disciplinary Stroke Conference. Memphis, United States of America. 14th February 2015. | |
| <u>Middleton S.</u> <i>Evidence-based nursing care independently improves stroke patient outcomes: QASC Study implications.</i> | NRI |
| Annual Scientific Meeting 2015. Gold Coast. 27th March – 1st April 2015. | |
| Dennis S, <u>Middleton S.</u> , Reddel H, Marks G, Hermiz O, Hasan I, Vagholkar S, Zwar N. <i>A partnership approach to COPD diagnosis and management in general practice?</i> TSANZSRS | External |
| European Stroke Organisation Conference 2015. Glasgow, United Kingdom. 17th – 19th April 2015. | |
| <u>Middleton S.</u> <i>Promoting recovery and preventing complications. **Invited keynote speaker**</i> | NRI |
| <u>Dale S.</u> , <u>Middleton S.</u> , <u>Lydtin A.</u> , Comerford D, Hill K, Longworth M, McElduff P, D'Este C, Cadilhac D. <i>The quality in acute stroke care (QASC) implementation project: State-wide evidence to practice translation.</i> [Poster Presentation] | NRI |
| <u>Watkins C.</u> , Munoz-Venturelli P, Robinson H, Arima H, <u>Lim J.</u> , Hackett M, <u>Middleton S.</u> , Olavarria V, Brunser A, Lavados P, Peng B, Cui L, Lin RT, Lee T, Pontes O, Natsagdorj L, Anderson C. <i>Head position in stroke trial (HEADPOST): Challenges of setting up a large international Stroke nursing care trial.</i> [Poster Presentation] | NRI |
| <u>Andrews N.</u> , Kilkenny M, Lannin N, Anderson C, Donnan A, Hill K, <u>Middleton S.</u> , Levi C, Faux S, Grimley R, Thrift A, Kim J, Grabsch B, Cadilhac D. <i>Does the association between prescription of antihypertension medication at discharge from acute care hospitals and post-discharge outcomes vary by stroke type?</i> | External |
| <u>Godecke E.</u> , Armstrong E, <u>Middleton S.</u> , Rai T, Cadilhac D, Ciccone N, Whitworth A, Rose M, Hankey G, Holland A, Bernhardt J. <i>Assessment of therapy fidelity processes in the very early rehabilitation in speech (VERSE) Clinical Trial.</i> | External |
| 3rd Australian and New Zealand Intensive Care Society (ANZICS) Intensive Care Forum, Suntec, Singapore. 24th – 26th April 2015. | |
| <u>Knowles S.</u> , <u>McInnes E.</u> , Hardy J, Elliott D, <u>Middleton S.</u> <i>Pharmacological management of constipation in the Intensive Care Unit.</i> | NRI |
| The Nursing & Midwifery Research & Innovative Practice Conference. 15 May 2015. | |
| <u>Middleton S.</u> <i>Is state-wide 'scale-up and spread' of research evidence achievable? **Invited keynote speaker**</i> | NRI |
| Speech Pathology Australia National Conference, Canberra Australia. 17th-20th May 2015. | |
| <u>Godecke E.</u> , Armstrong E, <u>Middleton S.</u> , Rai T, Holland A, Cadilhac D, Whitworth A, Rose M, Ciccone N, Hankey G, Bernhardt J. <i>Very Early Rehabilitation in SpEech (VERSE): Protocol and progress report on an Australian randomised controlled trial of aphasia therapy after stroke.</i> [Poster Presentation] | External |
| <u>Winter N.</u> , McNee Shannon on behalf of the VERSE collaboration. <i>Very Early Rehabilitation in SpEech (VERSE): The experience of implementing a national RCT for aphasia after stroke in regional Australia.</i> | External |



CONFERENCES

Nursing Research Institute (NRI) staff in red,
presenting authors underlined

| CONFERENCE | PRESENTED BY |
|--|--------------|
| 2015 Clinical Aphasiology Conference. 26th – 31st May 2015. | |
| <u>Godecke E.</u> , Armstrong E, Ciccone N, Holland A, Whitworth A, Rose M, Rai T, Cadilhac D, <u>Middleton S.</u> , Hankey G, Bernhardt J. <i>A protocol outlining treatment fidelity processes in the Very Early Rehabilitation in SpEech (VERSE) clinical trial.</i> | External |
| Occupational Therapy Australia 26th National Conference and Exhibition 2015. Melbourne, 1st – 3rd July 2015. | |
| <u>McCluskey A.</u> , Ada L, Kelly P, <u>Middleton S.</u> , Goodall S, Grimshaw J, Logan P, Longworth M, Karageorge A. <i>The Out-and-About knowledge translation program did not change the practice of community stroke teams or increase outings by stroke survivors: A cluster randomised controlled trial. **Awarded Best Paper**</i> | External |
| Society of Academic Primary Care. UK, Oxford, 8th – 10th July 2015. | |
| Dennis S, Reddel H, <u>Middleton S.</u> , Marks G, Hermiz O, Hasan I, Vagholkar S, Crockett A, Zwar N. <i>A partnership approach to COPD diagnosis and management in general practice.</i> | External |
| 7th International Shared Decision Making (ISDM) Conference and 4th International Society for Evidence-Based Health Care (ISEHC) Conference 2015. Sydney, 19th – 22nd July 2015. | |
| <u>Middleton S.</u> , Comerford D, <u>Lydtin A.</u> , <u>Dale S.</u> , Cadilhac D, D'Este C, McElduff P, Hill K, Cheung NW, Levi C, Longworth M, Ward J, Quinn C, on behalf of the QASC Implementation team. <i>The Quality in Acute Stroke Care Implementation Project (QASCIP): Successful statewide upscale and spread of evidence into all 36 New South Wales (Australia) stroke services.</i> | NRI |
| 2015 Primary Health Care Research Conference. Adelaide, 29th – 31st July 2015. | |
| Dennis S, Zwar N, Crockett A, <u>Middleton S.</u> , Marks G, Reddel H, Hasan I, Hermiz, O. <i>Evaluation of the Healthy Learner Project: linking improved outcomes in health and learning through brokering access to primary care in a disadvantaged high school.</i> | External |
| Dennis S, <u>Middleton S.</u> , Reddel H, Marks G, Hermiz O, Hasan I, Crockett A, Vagholkar S, Zwar S. <i>A partnership approach to COPD diagnosis and management in general practice?</i> | External |
| Stroke 2015, Melbourne. 2nd – 4th September 2015. | |
| <u>McInnes, E.</u> <i>Preventing and managing complications after stroke: an evidence-based approach towards managing pressure injuries.</i> | External |
| <u>Lannin N.</u> , Cadilhac D, Anderson C, Kilkenny M, Dewey H, Grimley R, Faux S, Castley H, <u>Middleton S.</u> , Bladin C. <i>Clinical outcomes among younger adults with stroke registered in the Australian Stroke Clinical Registry (AuSCR).</i> | External |
| Cadilhac D, Lannin N, Kilkenny M, Grabsch B, Andrew N, Kim J, Donnan A, Levi G, Dewey H, Hill K, Faux S, <u>Middleton S.</u> , <u>Anderson C.</u> <i>Survival advantage from stroke unit care: Evidence from the Australian Stroke Clinical Registry.</i> | External |
| <u>McCluskey A.</u> , Ada L, Kelly P, <u>Middleton S.</u> , Goodall S, Grimshaw J, Logan P, Longworth M, Karageorge A. <i>The challenge of changing practice: Learning from the Out-and-About cluster randomised controlled trial involving community teams and stroke survivors.</i> | External |
| <u>Cadilhac D.</u> , Andrew N, Salama E, Meade I, Kuhle S, Dunstan L, Horton E, <u>Middleton S.</u> , Grimley R. <i>Improving discharge from hospital after stroke: A focus on prevention medication and discharge planning.</i> | External |
| <u>Thayabaranathan T.</u> , Andrew N, Branagan H, Salama E, Grabsch B, Hill K, Cadigan G, Grimley R, <u>Middleton S.</u> , Cadilhac D. <i>Understanding the benefits of external support for quality improvement activities in public hospitals for acute stroke: A sub study of Stroke123.</i> | External |
| <u>Godecke E.</u> , Armstrong E, Ciccone N, Rai T, <u>Middleton S.</u> , Cadilhac D, Rose M, Whitworth A, Holland A, Hankey FJ, Ellery F, Bernhardt J. <i>Establishing large scale therapy fidelity processes in the Very Early Rehabilitation in SpEech (VERSE) clinical trial: Lessons learned.</i> | External |



CONFERENCES

Nursing Research Institute (NRI) staff in red,
presenting authors underlined

| CONFERENCE | PRESENTED BY |
|---|--------------|
| <u>Godecke E</u> , Armstrong E, Ciccone N, <u>Middleton S</u> , Rai T, Holland A, Cadilhac D, Rose M, Hankey G, Whitworth A, Ellery F, Bernhardt J. <i>Very Early Rehabilitation in SpEEch (VERSE) after stroke: On-going trial status.</i> | External |
| <u>Grimley RS</u> , Andrew N, Grabsch B, Coccetti A, Cornwell P, O'Connell C, Cadigan G, Lannin N, Anderson C, <u>Middleton S</u> , Cadilhac D. <i>Dysphagia screening/assessment is associated with reduced 30 day mortality after acute stroke.</i> | External |
| <u>Lim JY</u> , Hackett ML, Munoz-Venturelli P, Arima H, <u>Middleton S</u> , Olavarria V, Brunser A, Lavados PM, Peng B, Cui L, Lin RT, Lee T, Pontes-Neto O, Natsgdorj L, <u>Watkins C</u> , Robinson T, Anderson C. <i>Are the ups and downs important? Head Position in Stroke Trial (HeadPoST).</i> | External |
| Cadilhac D, Kim J, Lannin N, Levi C, Andrew N, Kilkeny M, Grabsch B, Dewey H, Hill K, Faux S, Grimley R, <u>Middleton S</u> , Anderson C, <u>Donnan A</u> . <i>The quality of care provided to patients hospitalized with a transient ischemic attack.</i> | External |
| 10th Australian College of Nurse Practitioners Conference, Melbourne, 6th -8th September 2015. | |
| <u>Schadewaldt V</u> , <u>McInnes E</u> , Hiller J, Gardner A. (2015). <i>Experiences of collaboration - a multiple case study of nurse practitioners and medical practitioners in primary healthcare.</i> | NRI |
| European Nursing Informatics 2015. Hall, Austria. 28th – 29th September 2015. | |
| <u>Bruch D</u> , Martinez-Garduno C, <u>Dale S</u> , <u>Middleton S</u> . <i>Is international distribution of evidence possible? Uptake of the Quality in Acute Stroke Care (QASC) trial – a cross-sectional survey.</i> [Poster Presentation] | NRI |
| The International Society for Quality in Health Care (ISQUA) 32nd International Conference, Doha, Qatar. 4th – 7th October 2015. | |
| <u>Middleton S</u> , Comerford D, <u>Lydtin A</u> , <u>Dale S</u> , Hill K, Dunne J, D'Este C, Longworth M, Katalinic E, Tinsley M, Quinn C, Cadilhac D, Cheung W, Ryan F, Drury P, Grimshaw J, Ward J, McElduff P, O'Brien E, Patterson S, Levi C. <i>The quality in acute stroke care (QASC) implementation project: Taking evidence-based practice research into the real world.</i> | NRI |
| <u>Middleton S</u> . Session Chair. <i>Patient Safety and Quality Tools: Clinical Audit as a quality improvement process – Lessons from different Countries.</i> | NRI |
| 13th International Conference for Emergency Nurses, Brisbane. 7th – 9th October 2015. | |
| <u>Middleton S</u> . <i>Innovation in changing practice: Upscale and spread of a proven intervention.</i>
Invited keynote speaker | NRI |
| ACTA 2015 International Clinical Trials Symposium, Sydney. 7th – 10th October 2015. | |
| Cadilhac D, <u>Middleton S</u> , Grabsch B, <u>Dale S</u> , Bagot K, Vu M, Bladin C. <i>Working Smarter not harder! Experience of cooperation in acute stroke with a national registry, health services research program and a clinical trial.</i> | External |
| 5th International Congress of Neurology & Epidemiology (ICNE) Congress, Gold Coast. 18th – 20th November 2015. | |
| <u>Kilkeny M</u> , Lannin N, Anderson C, Dewey H, Levi C, Faux S, Hill K, Grabsch B, <u>Middleton S</u> , Thrift A, Grimley R, Donnan A, Cadilhac D. <i>Impact of language barriers on stroke care and outcomes: evidence from the Australian Stroke Clinical Registry (AuSCR).</i> | External |
| Health Services Research Association of Australia and New Zealand Conference. Melbourne, Australia. 7th – 9th December 2015. | |
| <u>McInnes E</u> , <u>Phillips R</u> , Hiller J, Harvey G. <i>Senior and middle managers' views on investment and disinvestment decision-making by acute health care services: a qualitative study.</i> | NRI |



PROFESSIONAL AFFILIATIONS

Professor Sandy Middleton

Professional Membership

- + Member, European Stroke Organisation
- + Member, World Stroke Organisation
- + Fellow, Australian College of Nursing
- + Member, American Heart Association
- + Member, Stroke Society of Australasia
- + Member, Australasian Association for Quality in Health Care
- + Member, Sigma Theta Tau International, Xi Omicron Chapter
- + Member, International Society for Quality in Health Care

Invited Committees and Boards

- + Member, National Health and Medical Research Council (NHMRC) Research Committee (2015-present)
- + Member, St Vincent's Health Sydney Local Health District, Nursing Leadership Council (2015-present)
- + Member, Australian Stroke Data Tool Coordinating Committee Working Group (2015-present)
- + Member, National Stroke Foundation Stroke Guidelines Development Working Group (2015-present)
- + Member, St Vincent's Health Network Sydney Clinical Council (2014-present)
- + Member, Agency for Clinical Innovation Board of Directors (2014-present)
- + Member, Clinical Excellence Commission Board of Directors (2014-present)
- + International Stroke Conference abstract reviewer (2013-present)
- + Member, Australian Stroke Coalition Data and Quality Working Group Committee (2013-present)
- + Member, Agency For Clinical Innovation Research Committee (2011-present)
- + Member, Clinical Excellence Commission Research Committee (2011-present)
- + Member, St Vincent's Campus Research Council Committee (2011-present)
- + Member, St Vincent's Clinic Board of Directors (2008-present)
- + Member, National Stroke Foundation. Clinical Council (June 2010-present)
- + Chair, Australian Clinical Stroke Registry Steering Committee (2008-present)
- + Co-Chair, Working Group. Australian Stroke Coalition. First 48 hours post-stroke Models of Care Project (2012-2015)
- + Member, Steering Committee and Member Expert Advisory Committee. Thrombolysis Implementation Plan for Stroke. National Health and Medical Research Council funded Cluster randomized controlled trial (2010-present)
- + Member, St Vincent's Clinic Foundation. Medical Grant Review Panel (2007-2015)
- + Chair, Outcomes Committee. A Very Early Rehabilitation Trial (AVERT) - A multi-site -funded randomized controlled trial of early mobilization following stroke (2006-2015)
- + Member, Agency for Clinical Innovation Stroke Co-ordinating Committee (2005-present)
- + Member, Agency for Clinical Innovation Stroke Research Working Group (2004-present)
- + Member, National Health and Medical Research Council Research Translation Faculty Cardiovascular and Stroke Steering Group (2013- October 2015)
- + Member, Stroke Society of Australasia Executive Committee (2011-September 2015)
- + Member, Australian Catholic University Faculty of Health Sciences Research Standing Committee (2006-2015)
- + Member, Australian Catholic University School of Nursing (NSW & ACT) Research Committee (2005-present)



PROFESSIONAL AFFILIATIONS

Associate Professor Liz McInnes

Professional Membership

- + Associate of Cochrane Qualitative Methods Group
- + Member of Association for Qualitative Research
- + Health Services Research Association of Australia and New Zealand
- + Member Australasian Evaluation Society

Invited Committees and Boards

- + Member, St Vincent's Hospital Sydney Wound Care Committee
- + Chair, St Vincent's Hospital Sydney Wound Care Committee Research Group
- + Member, St Vincent's Hospital Sydney Pressure Injury Working Party
- + Deputise for Director at: St Vincent's Health Sydney Nursing Advisory Council; Research Council; Clinical Council
- + Acting Director of Research School of Nursing, Midwifery, and Paramedicine, ACU (February 2015-July 2015)
- + Deputy Director, Australian Catholic University School of Nursing, Midwifery, and Paramedicine Research and Research Training Committee (2013-present)
- + North Sydney Campus Research Advisor (2014-present)

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