

# NURSING RESEARCH INSTITUTE

## Annual Report

2023



**ST VINCENT'S  
HEALTH NETWORK**  
SYDNEY



**ST VINCENT'S  
HOSPITAL**  
MELBOURNE



**ST VINCENT'S  
ALLIED HEALTH  
RESEARCH UNIT**

# 2023

## AT A GLANCE

### Nursing Research Institute

**28**  
NRI staff

**8**  
NRI clinician  
researchers

**11**  
NRI GRANTS  
in 2023

4 x Category 2 grants  
7 x Category 3 grants  
TOTAL NRI FUNDS AWARDED 2023  
**\$1,276,014**

**39**  
NRI peer-reviewed  
publications in 2023  
**275** SINCE 2009

**27**  
research  
projects in  
2023

**18**  
research  
projects with  
SVH partners

### Allied Health Research Unit

**18**  
Allied Health  
clinician researchers

**4** Allied Health  
peer-reviewed  
publications in  
2023

**7** Allied Health  
grants in 2023

**7** research  
projects  
in 2023

FUNDS AWARDED  
**\$2,545,414**  
2 x Category 1 grants  
5 x Category 3 grants

**7** research  
projects with  
SVH partners

### NRI with Allied Health Conferences and Educational Programs

**20**  
Seminars  
**793**  
attendees

**32** Conferences /  
invited presentations  
**57**  
presentations

# About Us

The Nursing Research Institute (NRI) is a collaboration between St Vincent's Health Network Sydney, St Vincent's Hospital Melbourne and Australian Catholic University (ACU).

The NRI is a highly productive research collaborative with a national and international reputation for conducting rigorous, nurse-led, multidisciplinary health service and implementation science research. Our main research focus is to identify the best ways to promote the translation of evidence into clinical practice with the overall goal of improving patient outcomes and health systems.

Since 2009, the NRI has brought together researchers and clinicians to conduct clinically relevant, prioritised research. Our researchers have a broad range of research expertise, and collaborate with world-class national and international researchers, multidisciplinary clinicians, consumers and policy makers.

## OUR MISSION

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CONDUCT high-quality, multidisciplinary health research, focused on improving patient outcomes and research translation.

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BUILD research capacity through training and mentoring of research students, clinicians and career researchers.

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ADVISE, collaborate and consult on health services and translational research with clinicians, the health industry, government and consumers.

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CREATE and sustain a collegiate, supportive and high-performance research culture to attract world-class researchers and research students.





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# Directors' Report

DIRECTORS' REPORT continued



Professor Sandy Middleton / Director



Professor Elizabeth McInnes / Deputy Director

Welcome to the 2023 Annual Report for the Nursing Research Institute (NRI).

In 2023, the NRI research team consisted of **28 core staff** located across New South Wales, Victoria and the Australian Capital Territory. The team worked on **27 projects**, 18 of them with our partners, St Vincent's Health Network Sydney and St Vincent's Hospital Melbourne. In collaboration with national and international research partners, we received **11 new grants, totalling \$1,276,014**. NRI researchers produced **39 publications** in high-impact journals as either first or co-authors. In this report, we showcase the nurse and allied health-led research of NRI staff, students, clinician researchers and other achievements from 2023.

**Dr Lauren Christie**, with the Allied Health Research Unit, who is based at the NRI and jointly funded by the Australian Catholic University and St Vincent's Health Network Sydney as the Allied Health Senior Implementation Science Research Fellow, continued to build the allied health research profile. In 2023, allied health researchers received **7 new grants totalling \$2,545,414**, worked on **7 projects**, and were first or co-authors on **4 publications** in high-impact journals.

2023 highlights include:

## PUBLICATIONS

- **Professor Elizabeth McInnes** was listed as being in the Top 2% World's Top-Cited scientists for her field according to the Stanford University based rankings.
- **Professor Sandy Middleton** was listed as being in the Top 2% World's Top-Cited scientists for her field according to the Stanford University based rankings.
- **Adjunct Professor Anna Thornton** with St Vincent's Hospital Sydney and the Australian National University, 'Better Bedside Handover Project' research team were the 'Most read/top downloaded article' in *Journal of Advanced Nursing* for 'Improving patient-centred care through a tailored intervention addressing nursing clinical handover communication in its organisational and cultural context'.

## GRANTS

- **Dr Nicola Straiton**, as lead investigator, was awarded a Cardiovascular Early-Mid Career Researcher Grant from NSW Health for her novel research project, the 'Frailty Response in Aortic Stenosis Patients Undergoing Transcatheter Aortic Valve Implantation: A Pilot, Cluster Randomised Trial (FRAIL-AS Response Trial)'. This innovative trial, spanning 10 hospitals across Australia, aims to evaluate the feasibility of implementing an evidence-based Frailty Response Program to improve the outcomes for frail adults undergoing heart valve replacement procedures.
- **Dr Lauren Christie** was an investigator on two successful NHMRC Medical Research Future Fund grants focusing on innovations in seizures management

for people with epilepsy – 'The SEAFARER' study; and implementation of environmental enrichment in community-based stroke rehabilitation 'Exercising, Socialising and Thinking: Environmental Enrichment Model (The ESTEEM Study)' in a community setting after stroke.

- **Dr Nicola Fearn** was awarded the St Vincent's Health Australia Health Equity Program grant for her research project 'Supportive care needs of people from diverse backgrounds, living with or beyond prostate or breast cancer: A cross sectional study'.

## PRESENTATIONS AND VISITORS

- **Professor Jeremy Grimshaw**, world-leading implementation scientist, was hosted by NRI in conjunction with the Maridulu Budyari Gumal, the Sydney Partnership for Health, Education, Research and Enterprise (SPHERE) Implementation Science Platform for a panel discussion in June. Professor Grimshaw's research focuses on the evaluation of interventions to disseminate and implement evidence-based practice.
- **Dr Ilana Livshiz-Riven** from the Department of Nursing, Recanati School for Community Health Professions, Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer-Sheva, Israel, visited the NRI in October. Dr Livshiz-Riven has a strong interest in infection control and Standard Precautions, focusing on student nurse experience of unprofessional behaviours and guideline compliance.

### ST VINCENT'S HEALTH AUSTRALIA SUCCESSSES

- **Simeon Dale** won Best Oral Presentation for her presentation 'Stroke care differences between high and middle income countries: QASC Europe project' at the St Vincent's Campus Research Symposium in February 2023.
- **Dr Nicola Straiton** won the Best Early-Mid Career Researcher Oral Presentation Award during St Vincent's Sydney Health Innovation Precinct 2023 Research Week, for the presentation 'Patient Acceptability of Nurse-Led Physical Assessments and Structured Bedside Handovers (ACCELERATE Plus: Acceptability Study)'.
- **Dr John Rihari-Thomas**, an ACCELERATE Plus Trial investigator, won the Best Fast Forward Presentation Award during St Vincent's Sydney Health Innovation Precinct 2023 Research Week for the presentation 'ACCELERATE Stepped Wedge Cluster Randomised Control Feasibility Trial: Process Evaluation'.

We would like to take this opportunity to thank Adjunct Professor Anthony Schembri, Adjunct Professor Anna Thornton, Associate Professor Cathy Dickson, Lauren Culbert and Joanne Taylor for their years of support and contribution to the NRI Steering and Management Committees as they pursue new roles.

Thank you again to our funders, collaborators and hospital partners for another productive year and we look forward to many more years of ongoing and mutual partnerships. We hope that you enjoy reading the NRI's year in review for 2023.

**Professor Sandy Middleton**  
Director

**Professor Elizabeth McInnes**  
Deputy Director

## Awards and Recognition

2023 was a year of many great achievements and recognition for the NRI and Allied Health Research Unit. Here are some highlights.

### Stroke Article of the Year Award



Professor Sandy Middleton (centre) holding her 2023 Stroke Article of the Year Award, with (left) Professor Lorraine S. Evangelista, Chair-Elect, Leadership and International Cardiovascular Stroke Nursing (CVSN) Committees and Associate Dean of Research and Scholarship, University of Nevada, Las Vegas, and (right) Professor Nancy Pike, Chair, American Heart Association Council on Cardiovascular and Stroke Nursing Professor and Director of Research at the University of California, Los Angeles School of Nursing.

**Professor Sandy Middleton** and the Quality in Acute Stroke Care (QASC) team won the 2023 American Heart Association Council on Cardiovascular and Stroke Nursing Stroke Article of the Year Award. This award was presented at the Scientific Sessions in Philadelphia, Pennsylvania, in November 2023. The article '*Translation of nurse-initiated protocols to manage fever, hyperglycaemia and swallowing following stroke across Europe (QASC Europe): A pre-test/post-test implementation study*' was published in the *European Stroke Journal*. The award recognises the scientific and clinical contributions of cerebrovascular nurses in promoting the American Heart Association's goals. It also recognises scientific excellence in cerebrovascular nursing science and encourages investigation that will further knowledge and skills in this area.

### 2023 Australian Clinical Trials Alliance Consumer Involvement Award



**Professor Sandy Middleton, Professor Elizabeth McInnes, Adjunct Professor Anna Thornton, St Vincent's Hospital consumer Vivien Pollnow, Susan Whittam** and the other **Assessment and CommuniCation ExcelLence foR sAfe paTient outcomEs Plus (ACCELERATE Plus)** investigators, won the 2023 Australian Clinical Trials Alliance Consumer Involvement Award for the *ACCELERATE Plus Trial: A stepped-wedge cluster randomised controlled trial to assess the effect of improving patient assessment and clinical communication on patient adverse events.*

*Professor Sandy Middleton (centre) accepts the Consumer Involvement Award. She is pictured with (left to right) Liza Goncharov, Manager, Institute for Communication in Healthcare, ANU, Vivien Pollnow, ACCELERATE Plus Consumer Representative, Professor Elizabeth McInnes, Professor Steve Webb, Chair Australian Clinical Trials Alliance, Adjunct Professor Anna Thornton, Professor Diana Slade, Professor of Applied Linguistics and Director of the Institute for Communication in Health Care, ANU, and Susan Whittam.*

### NSW Health Judith Meppem Lifetime Achievement Award



**Adjunct Professor Anna Thornton**, Executive Director of Nursing at St Vincent's Hospital Health Network Sydney and Member of the NRI's Steering Committee, was awarded the **NSW Health Judith Meppem Lifetime Achievement Award** recognising the contribution of an outstanding nurse who, throughout their career, has had a positive and sustained influence on patients, the health system and their profession.

*Adjunct Professor Anna Thornton with her NSW Health Judith Meppem Lifetime Achievement Award.*

### SVHS Researchers of the Year

**Dr Lauren Christie** won Allied Health Researcher of the Year at the St Vincent's Health Network Sydney Allied Health Professions Day.



*Dr Lauren Christie (left) and Meredith Rogers with her Allied Health Researcher of the Year Award.*

**Susan Whittam** won the Nurse Researcher of the Year Award at the St Vincent's Health Network Sydney's International Nurses Day 2023 Nursing Awards. Susan was also honoured with the Aikenhead Centre for Medical Discovery Research Week at St Vincent's Hospital Melbourne Best Poster Award in Nursing for her presentation, 'The ACCELERATE stepped-wedge cluster randomised control trial: Nurse and patient experience survey results'.



*Susan Whittam (left) and Professor Sandy Middleton with her Nurse Researcher of the Year Award.*

# Governance

The Steering Committee meets biannually to govern and monitor the NRI's strategic direction. The Management Committee meets three times a year to discuss NRI operational management.

## St Vincent's Health Australia

### NRI STEERING COMMITTEE ONLY

**1 Clinical Associate Professor Margaret Lazar**  
Executive Director of Allied Health, St Vincent's Health Network Sydney

**2 Anna McFadgen** (from June 2023)  
Chief Executive Officer, St Vincent's Health Network Sydney

**3 Adjunct Professor Anthony Schembri AM** (until June 2023)  
Chief Executive Officer, St Vincent's Health Network Sydney

**4 Adjunct Professor Nicole Tweddle**  
Chief Executive, St Vincent's Hospital Melbourne

### NRI MANAGEMENT COMMITTEE ONLY

**5 Siobhan Cody** (June to November 2023)  
Acting Nursing and Operations Manager, St Joseph's Hospital Sydney

**6 Lauren Culbert** (January to June 2023)  
Nursing and Operations Manager, St Joseph's Hospital Sydney

**7 Joanne Taylor** (until December 2023)  
Nurse Manager Clinical Practice and Innovation, St Vincent's Hospital Sydney

### NRI STEERING AND MANAGEMENT COMMITTEES

**8 Adjunct Professor Jacqueline Bilo**  
Chief Nursing Officer, St Vincent's Hospital Melbourne

**9 Elizabeth Roberts** (from June 2023)  
Acting Nurse Manager Clinical Practice & Innovation, St Vincent's Hospital Sydney

**10 Adjunct Professor Anna Thornton** (until December 2023)  
(2023 Chair – Management Committee)  
Executive Director of Nursing, St Vincent's Health Network Sydney

## GOVERNANCE continued





**External**

**NRI STEERING COMMITTEE**

**11 Professor Emerita Jill White**

Professor Emerita, University of Technology, Sydney  
Professor Emerita, University of Sydney

**Australian Catholic University**

**NRI STEERING COMMITTEE**

**12 Professor Suzanne Chambers AO**

(2023 Chair – Steering Committee)  
Executive Dean, Faculty of Health Sciences  
Australian Catholic University

**13 Professor Abid Khan**

Deputy Vice-Chancellor Research and Enterprise  
Office of the Deputy Vice-Chancellor (Research and Enterprise)  
Australian Catholic University

**NRI MANAGEMENT COMMITTEE**

**14 Associate Professor Cathy Dickson (until June 2023)**

Head of School  
School of Nursing, Midwifery and Paramedicine (NSW/ACT)  
Australian Catholic University

**15 Professor Elisabeth Jacob**

Head of School  
School of Nursing, Midwifery and Paramedicine (VIC)  
Australian Catholic University

**16 Professor Karen Nightingale**

National Head of School  
School of Nursing, Midwifery and Paramedicine  
Australian Catholic University

# NRI Staff

**DIRECTOR** Professor Sandy Middleton 1

**DEPUTY DIRECTOR** Professor Elizabeth McInnes 2

**RESEARCHERS / NRI SYDNEY**

**3 Heilok Cheng**

Research Officer (Casual)

**4 Dr Lauren Christie**

Allied Health Senior Implementation  
Science Research Fellow, St Vincent's Health  
Network Sydney  
Head of Department, St Vincent's Allied  
Health Research Unit

**5 Simeon Dale**

Clinical Research Fellow and QASC Trials  
Manager

**6 Dr Oyebola Fasugba**

Senior Research Officer – Canberra  
(Part-time)

**7 Dr Nicola Fearn**

Senior Research Officer – Allied Health  
Research Unit

**8 Professor Maree Johnson**

Project Coordinator, Clinical Academic  
Pathways

**9 Kelly Jones (from May 2023)**

Research Officer (Part-time)

**10 Mark Liu**

Research Officer (Part-time)

**11 Dr Cintia Martinez-Garduno**

Research Officer (Casual)

**12 Benjamin McElduff (until May 2023)**

Research Officer/Statistician (Part-time)

**13 Sally Park (from December 2023)**

ACU Research Intern, ACCELERATE Plus  
Trial (Part-time)

**14 Sawsan Saheb (from July 2023)**

Research Officer – Canberra (Part-time)

**15 Dr Nicola Straiton (from March 2023)**

Research Fellow (Implementation  
Science), Implementation Science Platform,  
Maridulu Budyari Gumal, the Sydney  
Partnership for Health, Education,  
Research and Enterprise (SPHERE)

**16 Sarah Walsh**

Research Officer, ACCELERATE Plus Trial,  
St Vincent's Hospital Sydney

**17 Susan Whittam**

Clinical Nurse Consultant, Implementation  
Research, ACCELERATE Plus Trial,  
St Vincent's Hospital Sydney

**18 Dr Hairong Yu (until June 2023)**

Senior Research Officer (Casual)

**RESEARCHERS / NRI MELBOURNE**

**19 Dr Kathleen Bagot**

Research Officer (Casual)

**20 Kelly Coughlan**

Research Officer (Part-time)

**21 Alysia Coventry (until June 2023)**

Senior Research Officer (Part-time)

**22 Jayde Cuffe (maternity leave)**

St Vincent's Hospital Melbourne Research  
Coordinator, ACCELERATE Trial

NRI STAFF continued



NRI STAFF continued

**23 Jessica George**  
St Vincent's Hospital Melbourne Research  
Coordinator, ACCELERATE Trial

**24 Jake McMahon**  
PhD Candidate and St Vincent's Hospital  
Melbourne Research Coordinator,  
ACCELERATE Trial

**25 Dr Ching San Wan** (*maternity leave*)  
Research Fellow, National Health and  
Medical Research Council (NHMRC)  
Centre of Research Excellence in Wiser  
Wound Care

**ADMINISTRATION**

**26 Tara Doyle**  
Personal Assistant to the Director of NRI  
(Part-time)

**27 Carmel Parker** (*until March 2023*)  
Personal Assistant to the Director of NRI  
(Part-time)

**28 Patty Zenonos**  
Executive Officer



# NRI Clinician Researchers

## St Vincent's Hospital Network Sydney

### NURSING

#### 1 Julie Gawthorne

Clinical Nurse Consultant, Emergency Department, St Vincent's Hospital Sydney  
 • Maridulu Budyari Gumal, the Sydney Partnership for Health, Education, Research and Enterprise Implementation Science Research Platform

#### 2 Kirsty Page

Clinical Nurse Consultant, St Vincent's Hospital Sydney • AVERT-DOSE (Determining Optimal early rehabilitation after Stroke): A multi-arm covariate-adjusted, response-adaptive randomised controlled trial • ReCAPS: Recovery-focused Community support to Avoid readmissions and improve Participation after Stroke • QASC Australasia Trial

#### 3 Lisa Paquin

Clinical Nurse Consultant, Renal Ambulatory Care, St Vincent's Hospital Sydney • Peritoneal dialysis patients' health and well-being and satisfaction with care

#### 4 Jane Rodgers

ACU Clinical Fellow, Clinical Nurse Consultant, Wound Care, St Vincent's Hospital Sydney • National Health and Medical Research Council Centre of Research Excellence in Wiser Wound Care

### ALLIED HEALTH

#### 5 Dr Paul Andrews

PhD, Social Work Educator, St Vincent's Hospital Sydney • A clinical service evaluation of an integrated social work led model of care in responding to domestic and family violence

#### 6 Dr Liana Cahill

PhD, Occupational Therapist & Blinded Assessor, Allied Health Research Unit, St Vincent's Hospital Sydney • ReCITE: Remote Constraint Induced Therapy of the upper Extremity: An implementation study

#### 7 Vivien Cheung

Dietitian & Research Assistant, Eating Disorders Service, St Vincent's Hospital Sydney • Barriers and facilitators to the delivery of evidence-based care for people with eating disorders in an acute care setting

#### 8 Natasha Gillman

Stroke Unit Physiotherapist, St Vincent's Hospital Sydney • AVERT-DOSE (Determining Optimal early rehabilitation after Stroke): A multi-arm covariate-adjusted, response-adaptive randomised controlled trial

#### 9 Mallory Hall

PhD candidate, Honorary Dietitian, St Vincent's Hospital Sydney • The impact of pre-operative nutrition support in heart and lung transplant patients: A feasibility study

#### 10 Dr Susan Hart

PhD, Eating Disorders Co-ordinator, St Vincent's Hospital Sydney • Barriers and facilitators to the delivery of evidence-based care for people with eating disorders in an acute care setting

## NRI CLINICIAN RESEARCHERS continued



**11 Andrea Huang**

Occupational Therapist & Blinded Assessor, Allied Health Research Unit, St Vincent's Hospital Sydney • ReCITE: Remote Constraint Induced Therapy of the upper Extremity: An implementation study

**12 Laura Lincoln**

Speech Pathologist, St Vincent's Hospital Sydney • The impact of speech pathology intervention pre 3-stage oesophagectomy on post-operative health outcomes

**13 Terri Maister**

Dietitian & Research Assistant, Eating Disorders Service, St Vincent's Hospital Sydney (from September 2023) • Barriers and facilitators to the delivery of evidence-based care for people with eating disorders in an acute care setting

**14 Kate Makroglou**

Occupational Therapist & Blinded Assessor, Allied Health Research Unit, St Vincent's Hospital Sydney • ReCITE: Remote Constraint Induced Therapy of the upper Extremity: An implementation study • SUPpoRting PATient-centred SurvivorShip (SURPASS) at St Vincent's Health Network: Adaptation and adoption of the 'My Personal Plan' Prostate Cancer Survivorship Care Plan for generic use

**15 Noah Mitchell**

Physiotherapy Manager, St Vincent's Hospital Sydney • AVERT-DOSE (Determining Optimal early rehabilitation after Stroke): A multi-arm covariate-adjusted, response-adaptive randomised controlled trial

**16 Jaslyn Nash**

Occupational Therapist & Blinded Assessor, Allied Health Research Unit, St Vincent's Hospital Sydney • ReCITE: Remote Constraint Induced Therapy of the upper Extremity: An implementation study



**St Vincent's Hospital Network Melbourne**

**NURSING**

**23 John Forster**

ACU Clinical Fellow  
Mental Health Nurse Consultant, St Vincent's Hospital Melbourne • Optimising the response to mental health deterioration: nurses' experiences of using a Mental Health Observation Response Chart

**24 Katherine McBrearty**

Practice Development Nurse – Projects  
• Understanding the short and longer-term impacts of a Registered Undergraduate Student of Nursing (RUSON) workforce

**25 Jake McMahan**

ACU Clinical Fellow  
PhD Candidate & St Vincent's Hospital Melbourne Research Coordinator  
• ACCELERATE Trial

**26 Tom Wilson**

Senior Psychiatric Nurse, St Vincent's Hospital Melbourne • Implementing the Broset Violence Checklist and Intervention Protocol in St Vincent's Acute Mental Health Inpatient Unit to predict and mitigate the risk of violence

**17 Meredith Rogers**

Senior Occupational Therapist & Accredited Hand Therapist, St Vincent's Hospital Sydney  
• AVERT-DOSE (Determining Optimal early rehabilitation after Stroke): A multi-arm covariate-adjusted, response-adaptive randomised controlled trial • Evaluation of patient satisfaction and outcomes associated with a hand therapy service in a metropolitan hospital

**18 Adele Sheridan-Magro**

Manager, Domestic and Family Violence Service, St Vincent's Hospital Sydney • A clinical service evaluation of an integrated social work led model of care in responding to domestic and family violence

**19 Dr Christine Shiner**

PhD, Senior Research Officer, Department of Rehabilitation and Pain Medicine, St Vincent's Hospital Sydney • ReCITE: Remote Constraint Induced Therapy of the upper Extremity: An implementation study

**20 Amelia Starkey**

Speech Pathologist, St Vincent's Hospital Sydney  
• The impact of speech pathology intervention pre 3-stage oesophagectomy on post-operative health outcomes

**21 Trang Truong**

Physiotherapist & Blinded Assessor, Allied Health Research Unit, St Vincent's Hospital Sydney  
• ReCITE: Remote Constraint Induced Therapy of the upper Extremity: An implementation study • AVERT-DOSE (Determining Optimal early rehabilitation after Stroke): A multi-arm covariate-adjusted, response-adaptive randomised controlled trial

**22 Katie Weston**

Occupational Therapist & Blinded Assessor, Allied Health Research Unit, St Vincent's Hospital Sydney • ReCITE: Remote Constraint Induced Therapy of the upper Extremity: An implementation study

**St Vincent's Hospital Melbourne (SVHM)**

**RESEARCH INTEREST GROUP MEMBERS**

An informal platform for research collaboration, support and networking for nurse clinicians to build SVHM nurse-led research capacity

**Katherine McBrearty (Chair)**

*Practice Development Nurse*

**Kelly Coughlan (Co-Chair)**

*Research Officer, NRI*

**Megan Carmichael**

*Acting Nursing Manager, Emergency Department*

**Leslie Coo**

*Clinical Nurse Specialist, Geriatric Evaluation and Management*

**Kathryn Connor**

*Nurse Unit Manager, Neurosurgery*

**Amanda Connors**

*Manager Specialist Practice, Education and Learning*

**Anne Craigie**

*Hepatology Nurse Practitioner, Gastroenterology*

**Danila Durante**

*Librarian*

**John Forster**

*Mental Health Nurse Consultant*

**Stephanie Fry**

*Inflammatory Bowel Disease Nurse Practitioner*

**Shaoyun Guan**

*Registered Nurse, Caritas Christi Hospice*

**Corrine Howell**

*Acute Program Manager, HITH, District Nursing, Pall Care @Home, Residential InReach*

**Anna Lovang**

*Research Librarian*

**Julie-Ann Martin**

*Nurse Practitioner Candidate, Clinical Nurse Specialist, ICU*

**Professor Elizabeth McInnes**

*Deputy Director, NRI*

**Jake McMahon**

*PhD candidate, ACCELERATE Nursing Research Coordinator, ACU & NRI*

**Kelly Mullins**

*Epicentre Research Nurse, Emergency Department*

**Marcella Regester**

*Clinical Nurse Educator, Early Careers Coordinator*

**Emma Reardon**

*Registered Nurse, Emergency Department*

**Tamie Samyue**

*Inflammatory Bowel Disease Nurse Practitioner*

**Belinda Smith**

*Manager, Workforce Capability in Education and Learning, Education and Learning*

**Virginia Walker**

*Manager, Early Career Programs*

**Tom Whelan**

*Nurse Practitioner, Palliative Care Consultative Services*

**Bradley Whitton**

*Integrated Hepatology Nurse Consultant, Gastroenterology Nurse Practitioner Candidate*

**Tom Wilson**

*Senior Psychiatric Nurse*

**Rachel Zordan**

*Senior Research Fellow, Education and Learning*

# Higher Degree Research Students Supervised by NRI Staff

**PHD CANDIDATES – NURSING**

**1 Minh Viet Bui**

AUSTRALIAN CATHOLIC UNIVERSITY  
*A mixed methods process evaluation of the Promoting Resilience in Nurses (PRiN) randomised controlled trial*

Principal Supervisor: Professor Kim Foster (ACU); Co-Supervisor: **Professor Elizabeth McInnes**; Associate Supervisor: Dr Gary Ennis (Eastern Health)

**2 Kelly Coughlan**

AUSTRALIAN CATHOLIC UNIVERSITY  
*Fever, Hyperglycaemia (Sugar), Swallow (FeSS) clinical guidelines adherence: Analysis of national audit data and stroke registry data*

Principal Supervisor: **Professor Sandy Middleton**; Co-Supervisors: **Professor Elizabeth McInnes, Dr Oyebola Fasugba**; Associate Supervisor (End-user): Mr Kelvin Hill (National Stroke Foundation); NRI Research Advisory Team: **Simeon Dale**

**3 Alysia Coventry**

UNIVERSITY OF MELBOURNE  
*Developing an intervention for the adult intensive care setting that prepares families for the possibility of death to improve their wellbeing during bereavement*

Principal Supervisor: Professor Peter Hudson (University of Melbourne); Co-Supervisor: Professor Marie Gerdtz (University of Melbourne); Associate Supervisor: **Professor Elizabeth McInnes**

**4 Shantell Griffith**

QUEENSLAND UNIVERSITY  
*Bridging the research-practice gap: Using implementation frameworks to scale evidence-based knowledge translation in healthcare*  
Principal Supervisor: Dr Michael Noetel

(University of Queensland); Co-Supervisor: **Professor Sandy Middleton**; Associate Supervisor: Professor Dominique Cadilhac (Monash University); NRI Research Advisory Team: **Simeon Dale, Dr Oyebola Fasugba**

**5 Brett Jones**

AUSTRALIAN CATHOLIC UNIVERSITY  
*Code Stroke 2.0 Project: Examining the role of the acute stroke nurse during a code stroke call in the Emergency Department*

Principal Supervisor: **Professor Sandy Middleton**; Co-Supervisor: **Professor Elizabeth McInnes**; Associate Supervisor: **Dr Oyebola Fasugba**; NRI Research Advisory Team: **Simeon Dale**

**6 Jake McMahon**

AUSTRALIAN CATHOLIC UNIVERSITY  
*De-implementation of low-value pressure injury prevention and management in acute care settings*

Principal Supervisor: **Professor Elizabeth McInnes**; Co-Supervisor: Associate Professor Louisa Lam (ACU); Co-Supervisor: Professor Paul Fulbrook; Associate Supervisor: **Dr Ching San Wan**; Associate Supervisor (End-user): Jane Rodgers (St Vincent's Hospital Sydney)

**7 Victoria Ramsden**

AUSTRALIAN CATHOLIC UNIVERSITY  
*Sustaining improvements in the management of infants with bronchiolitis: A (Paediatric Research in Emergency Departments International Collaborative) PREDICT Study*

Principal Supervisor: **Professor Elizabeth McInnes**; Co-Supervisor: Professor Peter Wilson; Associate Supervisors: Dr Emma Tavender (Murdoch Children's Research Institute), Professor Franz Babl (Murdoch Children's Research Institute); Research Advisor: **Professor Sandy Middleton**

**PHD CANDIDATES – ALLIED HEALTH**

**8 Mallory Hall, PhD candidate**

UNIVERSITY OF TECHNOLOGY SYDNEY  
*Pre-operative nutrition support in heart and lung transplant patients*

Principal Supervisor: Professor Sally Inglis (University of Technology Sydney);  
Co-Supervisors: Professor Peter Macdonald (UNSW, University of Technology Sydney and St Vincent’s Hospital Sydney), **Dr Lauren Christie**, Dr Kelly Lambert (University of Wollongong)

**HONOURS STUDENTS – NURSING**

**9 Ranran Ding**

AUSTRALIAN CATHOLIC UNIVERSITY  
*Improving evidence-based nursing care in European stroke patients*

Principal Supervisor: **Dr Oyebola Fasugba**  
Co-Supervisor: Associate Professor Vasiliki Betihavas (ACU); Research Advisory Team: **Simeon Dale, Benjamin McElduff**

**10 Eliza Humphrey**

AUSTRALIAN CATHOLIC UNIVERSITY  
*Clinicians’ and patients’ experiences and preferences for the prevention and management of surgical site infections: A mixed-methods systematic review*

Principal Supervisor: **Dr Ching Shan Wan**;  
Co-Supervisor: Dr Adam Burstson (ACU); NRI Research Advisor: **Professor Elizabeth McInnes**

**HONOURS STUDENTS – ALLIED HEALTH**

**11 Alexandra Chrystie**

AUSTRALIAN CATHOLIC UNIVERSITY  
*Evaluation of patient satisfaction and outcomes associated with a hand therapy service in a metropolitan hospital*

Principal supervisor: **Dr Lauren Christie**;  
Co-Supervisor: Dr Liana Cahill (ACU);  
Associate Supervisor: Meredith Rogers (St Vincent’s Health Network Sydney)

**12 Christiana Pereira**

AUSTRALIAN CATHOLIC UNIVERSITY  
*The handwriting assessment battery for adults: a Delphi study*

Principal Supervisors: **Dr Lauren Christie**, Dr Liana Cahill (ACU); Associate Supervisor: Dr Annie McCluskey (The University of Sydney)

**13 Bianca Portelli**

AUSTRALIAN CATHOLIC UNIVERSITY  
*Impact of an online website on knowledge and implementation of constraint-induced movement therapy (CIMT) via telehealth*

Principal Supervisors: **Dr Lauren Christie**, Dr Helen Badge (ACU); Associate Supervisor: **Dr Nicola Fearn** (St Vincent’s Health Network Sydney)



# NRI Researcher Profiles

NRI RESEARCHER PROFILES continued

## Dr Nicola Straiton

Nicola Straiton | PhD, MSc, RN, BSc (Hons)

Research Fellow (Implementation Science), Implementation Science Platform  
Maridulu Budyari Gumal, the Sydney Partnership for Health, Education,  
Research and Enterprise (SPHERE)



Dr Nicola Straiton is a registered nurse specialising in structural heart disease and Postdoctoral Research Fellow (Implementation Science) at the NRI in Sydney. Her PhD, which she completed in 2023, examined the acceptability of heart valve replacement procedures, and patient-reported outcomes in adults with aortic stenosis.

Within the NRI and with support from Professor Sandy Middleton and Professor Elizabeth McInnes, Nicola manages the operational and strategic aspects of the Sydney Partnership for Health, Education, Research and Enterprise (SPHERE) Implementation Science Strategic Platform, and the SPHERE Nursing and Midwifery Implementation Science Academy. She drives research initiatives, builds capacity within the NRI and across SPHERE, and is beginning to design and conduct her own implementation science research. Nicola's interests also include digital health and patient and public involvement in research.

In 2023 Nicola, along with multidisciplinary colleagues, industry stakeholders and consumers, was part of several successful grants: exploring the acceptability of care technology for healthy ageing at home; prioritising research using digital technology in cardiovascular disease; examining the effectiveness of implementation strategies for improving nursing practice and patient outcomes; managing frailty in people undergoing heart valve replacement procedures; and reducing cardiovascular risk and kidney disease in people with diabetes.



*Dr Nicola Straiton presenting at St Vincent's Sydney Health 2023 Research Week.*

## Ranran Ding

Bachelor of Nursing (Hons)  
ACU/NRI Honours Student



Ranran Ding completed a Graduate Certificate in Clinical Practice (Anaesthetics and Post Anaesthesia Care Unit) and a Master of Health Science (Major: Anaesthetics) at Australian Catholic University in 2012. She undertook Certificate IV in Training and Assessment in 2019 and is currently employed as an Acting Perianaesthesia Education Consultant at St Vincent's Private Melbourne. Ranran's work involves developing and delivering education programs to student nurses, which requires her to stay up to date with the latest evidence-based practices, hence she became interested in research.

In 2023 Ranran completed the Bachelor of Nursing Honours Program at Australian Catholic University and was awarded a first-class Honours degree. Her study is a substudy of the QASC Europe project and compared the adherence to the Fever Sugar Swallow (FeSS) Protocols in stroke unit and non-stroke unit hospitals in Europe. Ranran presented an oral presentation at the opening ceremony of the Aikenhead Centre for Medical Discovery (ACMD) Research Week, and at the 2023 Stroke Society of Australasia Annual Scientific Meeting. Ranran's research work has been recognised at her workplace and she was a finalist for the 2023 St Vincent's Health Australia Award of the Year. After completing the Honours program, Ranran's plan is to grow her research skill continuously and enrol in a PhD.



*Ranran Ding presenting at the ACMD Research Week Opening Ceremony in Melbourne, August 2023.*

# Allied Health Researcher Profile

## Meredith Rogers

Meredith Rogers, Bachelor Applied Science (Occupational Therapy),  
 CHT (USA), AHT (awarded by Australian Hand Therapy Association)  
 Senior Hand Therapist, Occupational Therapy Department,  
 St Vincent's Hospital Sydney



Meredith Rogers presenting a poster at the St Vincent's Sydney Health Innovation Precinct Research Week, October 2023.

Meredith Rogers is a Senior Occupational Therapist and Accredited Hand Therapist working in hand therapy at St Vincent's Hospital Sydney. She helps her patients by integrating the best available evidence with clinical experience gained over approximately 18 years across various public hospitals in NSW. Meredith is passionate about helping patients with hand conditions achieve excellent outcomes by utilising best available evidence and integrating that with her clinical experience. To evaluate the hand therapy service where she is currently working, Meredith developed a research project in collaboration with the St Vincent's Hospital Senior Implementation Science Research Fellow, Dr Lauren Christie. They partnered with ACU Occupational Therapy Honours student Alexandra Chrystie and Occupational Therapy lecturer Dr Liana Cahill to assist with the project.

Data collection for the project took place throughout 2023. Meredith's primary research roles on the project are developing the research protocol, ethics submissions and data collection. The skills and support of Allied Health Research Unit staff made the project possible and also facilitated Meredith learning new research skills. She is looking forward to upskilling in data analysis in 2024 as the team looks to draw conclusions from the project and disseminate the findings. Meredith also hopes to inspire her Occupational Therapy and fellow allied health clinicians to pursue research.

# Grants Awarded

**NRI TOTAL FUNDS AWARDED 2023: \$1,276,014**  
**ALLIED HEALTH TOTAL FUNDS AWARDED 2023: \$2,545,414**

NRI staff in bold, alphabetical order

## NURSING – NEW GRANTS 2023

### CATEGORY 2

- 1 Jun M, Gallagher M, Simmons D, **Straiton N**, Usherwood T, Rajaratnam R, Campain A, Si L, Tai E, Kotwal S, Katz I, Higgins K, Wallace H. REducing cardioVascular and kidnEy RiSk in people with diabEtes (the REVERSE study). Cardiovascular Research Capacity Program, Senior Career Researcher Grant 2023. Total funds awarded: \$444,229.
- 2 **McMahon J**, Wan CS, **Rodgers J**, **Straiton N**, **McInnes E**. A qualitative study of nurses' views of the use of prophylactic dressings to prevent pressure injuries for patients in acute care wards. Research Endowment Fund (REF). Total funds awarded: \$9,507.
- 3 **McMahon J**. International Learning Collaboration 2024 Annual International Conference and Leadership Program Travel Scholarship. Total funds received: \$5,500.
- 4 **Straiton N**, MacDonald P, Muller D, Frost S, **McInnes E**, Inglis S, Lauck S, Roy D, Mills N, Arriagada A, Herrero M, **Thornton A**, Dolja-Gore X, McCreanor V, Harrison S, **Middleton S**. Frailty response in aortic stenosis patients undergoing transcatheter aortic valve implantation: A pilot, cluster randomised trial (FRAIL-AS Response Trial). Cardiovascular Research Capacity Program, Early-Mid Career Researcher Grant 2023. Total funds awarded: \$449,826.

### CATEGORY 3

- 5 **Coventry A**, Gerdtz M, **McInnes E**, Hudson P. The PREPARE Study. Australian College of Nursing Annie M. Sage Memorial Scholarship 2023. Total funds awarded: \$10,000.
- 6 **Coventry A**, Gerdtz M, **McInnes E**, Hudson P. 2022 Australian Nurses Memorial Centre and Australian Legion of Ex-Servicemen and Women Scholarship. Total funds awarded: \$5,000.
- 7 **Coventry, A**. 2023 Australian College of Critical Care Nurses Victorian Branch Members' Professional Development Fund. Total funds awarded: \$625.
- 8 Fontaine G, Vachon B, Gagnon MP, Presseau J, Rouleau G, Patey A, McCleary N, Porat-Dahlerbruch J, Cassidy C, Semenic S, **Middleton S**, **Straiton N**, Chicoine G, Vinette B, Castiglione SA, Bitzas VB, Hupé C, Martel B, Folch N, Smith M. From theory to practice: Unveiling the theoretical basis and components of effective implementation strategies for improving nursing practice and patient outcomes. Quebec Network on Nursing Intervention Research 2023. Total funds awarded: \$57,381.
- 9 **Gawthorne J**. Reducing patient waiting times and improving faster access to pain relief in the Emergency Department. St Vincent's Curran Foundation Endowment Grant 2023. Total funds awarded: \$80,012.
- 10 Prior J, Egglestone P, Goodwin N, Lovell N, Oates Smith C, Jahantigh BJ, Dadich A, Debono D, **Straiton N**, McIntyre E, Liu E. Understanding Reception of Care Technology for Healthy Ageing at Home. SPHERE Big Ideas 2023 Grant Scheme. Total funds awarded: \$167,934.
- 11 **Straiton N**, Ferguson C, Brogan E, Goldsmith H, **Middleton S**. Charting the Future of Healthcare: Making Research Core Business of Early to Mid-Career Nursing and Midwifery Researchers – EMCR Symposium. Australian Academy of Sciences: Theo Murphy Initiative. Total funds awarded: \$46,000.



## ALLIED HEALTH – NEW GRANTS 2023

## CATEGORY 1

- 1 Janssen H, Bird ML, Nilsson M, Spratt N, Johnson L, Garcia Esperon C, Haracz K, Simpson D, Levi C, Shiner C, Oldmeadow C, English C. Associate Investigator: **Christie LJ**. Exercising, Socialising and Thinking: Environmental Enrichment Model after stroke (ESTEEM): Improving access to stroke rehabilitation for regional Australians. NHMRC Medical Research Future Fund – Clinician Researchers Initiative – Nurses, Midwives and Allied Health Stream 2. Total funds awarded: \$1,489,813. (Project ID: 2024071)
- 2 Simpson H, O'Brien T, Cook M, Gillinder L, Perucca P, **Christie LJ**, Marquina C, Bulluss K. Subscalp electroencephalography augmentation of routine care in epilepsy (the SEAFARER Study). NHMRC Medical Research Future Fund – Assessment of High-Cost Gene Treatments and Digital Health Interventions. Total funds awarded: \$749,971. (Project ID: 2025695)

## CATEGORY 3

- 3 **Christie LJ, Fearn N, Makroglou K**, Shiner C, Mosalski S, Blair C, Lannin NA, Olsen N, Parsons M. RAISE – Robotic Arm Intervention for Stroke rEcovery: A pilot feasibility randomised controlled trial. 2024 St Vincent's Clinic Foundation Multidisciplinary Patient Focussed Grant. Total funds awarded: \$50,000.
- 4 **Christie LJ, Fearn N, Makroglou K**, Shiner C, Mosalski S, Blair C, Lannin NA, Olsen N, Parsons M. RAISE – Robotic Arm Intervention for Stroke rEcovery: A pilot, feasibility randomised controlled trial. St Vincent's Curran Foundation Endowment Grant 2024. Total funds awarded: \$106,128.
- 5 **Fearn N**. Supportive care needs of people from diverse backgrounds, living with or beyond prostate or breast cancer: A cross sectional study. St Vincent's Health Australia Health Equity Program FY24 Clinician Led Project. Total funds awarded: \$79,515.
- 6 Hayward K, Lannin NA, Fini N, Dalton E, Kramer S, **Christie LJ**, Hinman R, Churilov L. Standardising Competency in Outcomes of REcovery post-Stroke (SCORES). University of Melbourne Innovation Seed Grant 2024. Total funds awarded: \$40,000.
- 7 Pearce A, **Fearn N, Christie LJ**. Stroke survivor preferences for upper limb therapy following stroke. The University of Sydney 2023 External Research Collaboration Seed Funding scheme. Total funds awarded: \$29,987.

## NURSING – CONTINUING GRANTS 2023

## CATEGORY 1

- 1 Babl F, Oakley E, Dalziel S, Borland M, **Middleton S**, Donath S, Craig S, Tavender E, Phillips N. Centre for Research Excellence in Paediatric Emergency Medicine (PEM). Centre of Research Excellence. Total funds awarded: \$2,498,970. (Project ID: APP1171228)
- 2 Bernhardt J, Donnan G, Churilov L, Langhorne P, Pandian J, Dewey H, Srikanth V, English C, Moodie M, **Middleton S**. AVERT-DOSE (Determining Optimal early rehabilitation after StrokeE): A multi-arm covariate-adjusted, response-adaptive randomised controlled trial. NHMRC Project Grant. Total funds awarded: \$4,359,563. (Project ID: APP1139712)
- 3 Cadilhac DA, **Middleton S**, Kilkenny MF, Kleinig T, Grimley R, Kim J. Improving life after stroke with tailored support: Innovation in use of national registry data. NHMRC Medical Research Future Fund – Cardiovascular Health Mission. Total funds awarded: \$509,444. (Project ID: APP2008668)
- 4 Chaboyer W, Gillespie BM, **McInnes E**, Rickard C, Scuffham P, Glasziou P, Princess IS, Ullman A, Thalib L, Chopra V. Centre of Research Excellence in Wiser Wound Care. Centre of Research Excellence. Total funds awarded: \$2,500,000. (Project ID: APP1196436)
- 5 Donnan G, Davis S, Cadilhac DA, Rice H, Parsons M, **Middleton S**, Yan B, Smith K, Campbell B, Churilov L. The Stroke Golden Hour: Delivering urgent stroke care to Australians. NHMRC Medical Research Future Fund – Frontier Health and Medical Research Fund. Total funds awarded: \$40,167,052. (Project ID: n/a)
- 6 Douglas C, **Middleton S**, Gardner G, Kelly P, Morton R, **McInnes E**, Windsor C. Transforming nursing assessment in acute hospitals: A cluster randomised controlled trial of an Evidence-based CORE assessment protocol (ENCORE). NHMRC Partnership Project Grant. Total funds awarded: \$1,069,268. (Project ID: APP1145859)
- 7 Hibbert P, Braithwaite J, Westbrook J, Magrabi F, Mumford V, Clay-Williams R, Lingam R, Salmon P, **Middleton S**. Improving the health system's response when patients are harmed: A mixed-methods study. NHMRC Partnership Project Grant. Total funds awarded: \$1,500,000. (Project ID: APP2017219)
- 8 Keech A, Lal S, Macdonald P, Ferguson C, Ryan C, Jenkins A, Dempsey K, Chow C, O'Connell R, Kilov G. Associate Investigator: **Middleton S**. Digital solutions for heart failure best practice care. NHMRC Medical Research Future Fund – Cardiovascular Health Mission. Total funds awarded: \$943,765. (Project ID: APP2009251)
- 9 Lindley RI, **Middleton S**, Churilov L, Cadilhac DA, English C, Campbell B, Hayward K, Bladin C, Ferguson C, Thijs V. Centre of Research Excellence to Accelerate Stroke Trial Innovation and Translation. 2022 Centre of Research Excellence – Clinical Research. Total funds awarded: \$2,500,000. (Project ID: APP2015705).
- 10 **Middleton S**. Transforming acute hospital care to improve outcomes for stroke. NHMRC Leadership 2 Investigator Grant, 2021–2025. Total funds awarded: \$1,350,000. (Project ID: APP1196352)
- 11 Perry L, Center J, Harris I, Clifton-Bligh R, Hassett G, Nguyen T, **McInnes E**, White C, Frost S. Translation of best practice osteoporosis refracture prevention: Stopping fragility fractures to keep Australians out of hospital. NHMRC Medical Research Future Fund. Total funds awarded: \$897,729. (Project ID: APP1176600)
- 12 Rose M, Togher L, Copland D, Kneebone I, Bernhardt J, Lindley RI, Carey L, Godecke E, Cadilhac DA, Churilov L. Associate Investigator: **Middleton S**. Centre of Research Excellence in aphasia recovery and rehabilitation. Centre of Research Excellence. Total funds awarded: \$2,495,793. (Project ID: APP1153236)

- 13** Taylor N, Thomas D, Tucker K, Ballinger M, Zaheed M, Lin F, Goldstein D, Morrow A, Leaney K, Gough M, Schroeder L, Butow P, Young J, **Middleton S**. P-OMICS-flow grant [Precision Medicine Clinic]. Medical Research Future Fund – Rapid Applied Research Translation Grant. Total funds awarded: \$5,868,917. (Project ID: RARUR000125)
- 14** van Vliet P, Carey L, Turton A, McElduff P, Kwakkel G. Associate Investigator: **Middleton S**. Improving arm function after stroke using task specific training. NHMRC Project Grant. Total funds awarded: \$832,596. (Project ID: APP1129008)

## CATEGORY 2

- 15** Cadilhac DA, Lannin NA, **Middleton S**, Andrew N, Kilkenny M, Dewey H, Li J, Thrift A. Reintegration into the Community to Address patient-centred recovery goals and improve Participation after Stroke (ReCAPS). Victorian Medical Research Acceleration Fund. Total funds awarded: \$99,356.
- 16** **Thornton A**, Tuqiri K, Daly B, **Taylor J**, **Middleton S**, Pollnow V. Associate Investigators: **McInnes E**, Slade D, Goncharov L, **Rihari-Thomas J**, **Whittam S**, Langley T. The ACCELERATE Plus Trial: Assessment and Communication Excellence for Safe Patient Outcomes. Nursing and Midwifery Strategy Reserve Funding 2021/2022 – NSW Health. Total funds awarded: \$259,580.
- 17** Tuqiri K, Daly B, **Thornton A**, **Taylor J**, **Middleton S**, Pollnow V. Associate Investigators: **McInnes E**, Slade D, Goncharov L, **Rihari-Thomas J**, **Whittam S**, Langley T. The ACCELERATE Plus Trial: Assessment and Communication Excellence for Safe Patient Outcomes – Prince of Wales Hospital. Nursing and Midwifery Strategy Reserve Funding, NSW Health 2021/2022. Total funds awarded: \$237,580.

## CATEGORY 3

- 18** Alexandrov AW, Alexandrov A, Metter EJ, Thomas F, Tsvigoulis G, **Middleton S**. Zero Degree head positioning in Acute ischaemic stroke (ZODIAC). National Institute of Health (USA). Total funds awarded: US\$2,362,361 (A\$3,334,236).
- 19** Cadilhac DA, **Middleton S**, Grimley R, Pandian J, Nguyen TH, Vo TTC, Tran BQ, Watkins DCL, Lightbody E, Boaden E. RAVIE – Improving the capacity to deliver evidence-based care for acute stroke using educational workshops in developing countries. Australian Academy of Science Regional Collaborations Round 2. Total funds awarded: \$260,519.
- 20** McBrearty K, Jordan R, Murphy J, Riddell K, Walker V, Martin J, Jacob E, **McInnes E**. Understanding the short and longer-term impacts of a Registered Undergraduate Student of Nursing (RUSON) workforce. Research Endowment Fund Grant. Total funds awarded: \$39,450.
- 21** **McMahon J**, **McInnes E**, Riddell K, **Coughlan K**, **Coventry A**, **Rihari-Thomas J**. The Assessment and Communication Excellence for Safe Patient Outcomes (ACCELERATE Trial): Process Evaluation. St Vincent's Research Endowment Fund 2021/2022. Total funds awarded: \$19,696.
- 22** **Middleton S**, **Dale S**, **McInnes E**, Levi C, Cheung NW, Grimshaw J, D'Este C, Cadilhac DA, Quinn C. Quality in Acute Stroke Care Europe: A proposal to implement and evaluate nurse-initiated evidence-based stroke care in Europe, to manage fever, hyperglycaemia and swallowing difficulties. European Stroke Organisation. Total funds awarded: \$1,251,732.
- 23** Slade D, **Thornton A**, **Taylor J**, **Middleton S**. Effective communication in clinical handover: Research and intervention to improve patient safety and satisfaction at St Vincent's Health Network Sydney. St Vincent's Curran Foundation. Total funds awarded: \$25,000.
- 24** **Wan CS**, **McInnes E**. Clinician and patient views of evidence based wound care. Mixed methods review. ACU Faculty of Health Early Career Researcher Grant. Total funds awarded: \$7,000.

## ALLIED HEALTH – CONTINUING GRANTS 2023

## CATEGORY 2

- 1** **Christie LJ**, McCluskey A, **Middleton S**, Boydell J, Meharg A, Kilkenny A, Shiner C, Faux S. ReCITE: Remote Constraint Induced Therapy of the upper Extremity – An implementation study. Stroke Foundation – Early Career Seed Grant. Total funds awarded: \$49,498.

## CATEGORY 3

- 2** **Christie LJ**, Shiner C, Faux S, Boydell J, Meharg A, Kilkenny A, Doussoulin Sanhueza A, McCluskey A. ReCITE: Remote Constraint Induced Therapy of the upper Extremity: An implementation study. St Vincent's Clinic Foundation 2021 Multidisciplinary Patient Focused Research Grant. Total funds awarded: \$25,000.
- 3** **Fearn N**, Heneka N, **Christie LJ**, Dear R, Krasovitsky M, Chen V, Chambers S, Dunn J. Supporting Patient-centred Survivorship (SURPASS) at St Vincent's Health Network: Adaptation and adoption of the 'My Personal Plan' Prostate Cancer Survivorship Care Plan for generic use. St Vincent's Curran Foundation 2022 Endowment Grant. Total funds awarded: \$56,290.
- 4** Hall M, **Christie LJ**, Inglis S, Macdonald P, Plitt M, Liu Z. The impact of pre-operative nutrition support in heart and lung transplant patients: Examining feasibility and acceptability. St Vincent's Clinic Foundation 2022 Multidisciplinary Patient Focused Research Grant. Total funds awarded: \$25,000.
- 5** Hart S, **Christie LJ**, **Gawthorne J**, Armstrong M, **Lazar M**, **Williams D**, Woods N, Greenfield J, Babidge N, Gill K. Barriers and facilitators to the delivery of evidence based care for people with eating disorders in an acute care setting. St Vincent's Centre for Applied Medical Research for the Inclusive Health Innovation Fund Grant 2021. Total funds awarded: \$30,000.
- 6** Jolliffe L, **Christie LJ**, Major B, Nicks R, Lannin NA. Equitable education: Educational videos for therapists to support skilled-delivery of complex upper limb interventions. OT Australia Grant. Total funds awarded: \$11,000.
- 7** Parsons M, Lange D, Behar J, Middleton P, **Christie LJ**. Stroke smart ambulance: The ambulance of the future. Ingham Institute of Applied Medical Research – Technion Australia Competitive Grant Program. Total funds awarded: \$350,000.

Category 1: Australian Competitive Grants – Australian competitive grant research and development incomes

Category 2: Funding from the Australian public sector – Australian Government schemes and business enterprises that don't meet the Category 1 assessment and state and local governments and partly government-owned or funded bodies

Category 3: Industry and Other Research Income – comprises funding from the private sector, philanthropic and international sources

# NRI Peer-reviewed Publications 2023

NRI staff in bold, alphabetical order

## NURSING

- 1 **Bagot KL, McInnes E**, Mannion R, McMullan RD, Urwin R, Churruca K, Hibbert P, Westbrook J. Middle manager responses to hospital co-workers' unprofessional behaviours within the context of a professional accountability culture change program: A qualitative analysis. *BMC Health Services Research*. 2023; 23:1012. <https://doi.org/10.1186/s12913-023-09968-6>
- 2 **Bagot KL**, Purvis T, Hancock S, Zhao H, Coote S, Easton D, Campbell B, Davis S, Donnan G, Foster S, Langenberg F, Smith K, Stephenson M, Bernard S, McGowan S, Yan B, Mitchell P, **Middleton S**, Cadilhac DA. Sustaining a new model of acute stroke care: A mixed-method process evaluation of the Melbourne Mobile Stroke Unit. *International Journal of Health Policy and Management*. 2023; 12(1):1-13. <https://doi.org/10.34172/ijhpm.2023.7716>
- 3 **Bagot KL**, Purvis T, Hancock S, Zhao H, Coote S, Easton D, Campbell B, Davis S, Donnan G, Foster S, Lagenberg F, Smith K, Stephenson M, Bernard S, McGowan S, Yan B, Mitchell P, **Middleton S**, Cadilhac DA. Interdisciplinary interactions, social systems and technical infrastructure required for successful implementation of Mobile Stroke Units: A qualitative process evaluation. *Journal of Evaluation in Clinical Practice*. 2023; 29:495-512. <https://doi.org/10.1111/jep.13803>
- 4 Bernhardt J, Churilov L, Dewey H, Donnan G, Ellery F, English C, Gao L, Hayward K, Horgan F, Indredavik B, Johns H, Langhorne P, Lindley R, Martins S, Mohd Ali K, **Middleton S**, Moodie M, Pandian J, Parsons B, Robinson T, Srikanth V, Thijs V. A phase III, multi-arm multi-stage covariate-adjusted response-adaptive randomised trial to determine optimal early mobility training after stroke (AVERT DOSE). *International Journal of Stroke*. 2023; 18(6):745-750. <https://doi.org/10.1177/17474930221142207>
- 5 Bladin C, Cheung NW, Dewey H, Churilov L, **Middleton S**, Thijs V, Ekinci E, Levi C, Lindley R, Donnan G, Parsons M, Meretoja A, Tiainen M, Choi P, Cordato D, Brown H, Campbell B, Davis S, Cloud G, Grimley R, Lee-Archer M, Ghia D, Sanders L, Markus R, Muller C, Salvaris P, Wu T, Fink J. Management of poststroke hyperglycaemia: The Treatment with Exenatide in Acute Ischaemic Stroke (TEXAIS) randomized clinical trial. *Stroke*. 2023; 54(12): 2962-2971. <https://doi.org/10.1161/STROKEAHA.123.044568>  
\*\* Included in the Center for Biomedical Research Transparency (CBMRT) online **Null Hypothesis Collection** \*\*
- 6 Bloomer MJ, Ranse K, Adams L, Brooks LA, **Coventry A**. "Time and life is fragile": An integrative review of nurses' experiences after patient death in adult critical care. *Australian Critical Care*. 2023; 36:872-888. <https://doi.org/10.1016/j.aucc.2022.09.008>
- 7 **Bui MV, McInnes E**, Ennis G, Foster K. Mental health nurses' experience of resilience during COVID-19: A qualitative inquiry. *International Journal of Mental Health Nursing*. 2023; 00:1-10. Epub ahead of print 21 August 2023. <https://doi.org/10.1111/inm.13213>
- 8 **Bui MV, McInnes E**, Ennis G, Foster K. Resilience and mental health nursing: An integrative review of updated evidence. *International Journal of Mental Health Nursing*. 2023; 32(4):1055-1071. <https://doi.org/10.1111/inm.13132>
- 9 Caso V, Martins S, Mikulik R, **Middleton S**, Groppa S, Pandian J, Nguyen HT, Danays T, van der Merwe J, Fischer T, Hacke W. Six years of the Angels Initiative: Aims, achievements and future directions to improve stroke care worldwide. *International Journal of Stroke*. 2023; 18(8):898-907. <https://doi.org/10.1177/17474930231180067>
- 10 **Coventry A**, Gerdtz M, **McInnes E**, Dickson J, Hudson P. Supporting families of patients who die in adult intensive care: A scoping review of interventions. *Intensive & Critical Care Nursing*. 2023; 78:103454. <https://doi.org/10.1016/j.iccn.2023.103454>

## NRI PEER-REVIEWED PUBLICATIONS continued

- 11 Currie J, McWilliams L, Paisi M, Shawe J, **Thornton A**, Larkin M, **Taylor J, Middleton S**. Nurses' perceptions of the skills, knowledge and attributes required to optimise scope of practice and improve access to care for people experiencing homelessness in Australia: A cross sectional study. *Collegian*. 2023; 30(4):586-594. <https://doi.org/10.1016/j.colegn.2023.02.002>
- 12 Currie J, McWilliams L, Venkataraman V, Paisi M, Shawe J, **Thornton A**, Larkin M, **Taylor J, Middleton S**. Nurses' perceptions on the skills, knowledge and attributes required to provide healthcare to people experiencing homelessness in Australia: A qualitative study. *Collegian*. 2023; 30:539-547. <https://doi.org/10.1016/j.colegn.2023.03.006>
- 13 Dalli LL, Borschmann K, Cooke S, Kilkenny MF, Andrew NE, Scott D, Ebeling, PR, Lannin NA, Grimley R, Sundararajan V, Katzenellenbogen JM, Cadilhac DA and on behalf of Stroke 123 Investigators Anderson G, Donnan G, Levi C, Thrift A, **Middleton S**, Faux S, Denisenko S, Dewey H, Godecke E, Laloir E, Lee A, Longworth M, Cadigan G, Dilworth C, Price C, Hill K, Page M, Egan J, Grabsch B, Kung F, Moss K, Street S, Tod E, Gibbs A, Purvis T, Reyneke M. Fracture risk increases after stroke or transient ischemic attack and is associated with reduced quality of life. *Stroke*. 2023; 54:2593-2601. <https://doi.org/10.1161/STROKEAHA.123.043094>
- 14 **Ding R**, Betihavas V, **McElduff B**, **Dale S**, **Coughlan K**, **McInnes E**, **Middleton S**, **Fasugba O**. Fever, hyperglycaemia and swallowing management in stroke unit and non-stroke unit European hospitals: A QASC Europe substudy. *Journal of Neuroscience Nursing*. In press. Epub ahead of print 8 December 2023. <https://doi.org/10.1097/JNN.0000000000000743>
- 15 Eckert M, Kennedy K, Neylon K, Rickard CM, Keogh S, Gray R, **Middleton S**, Homer C, Whitehead L, Sharplin G. A scoping review of nurse-led randomised controlled trials. *Journal of Clinical Nursing*. 2023; 32(17-18):5550-5561. <https://doi.org/10.1111/jocn.16632>
- 16 **Fasugba O**, **Dale S**, **McInnes E**, Cadilhac DA, Noetel M, **Coughlan K**, **McElduff B**, Kim J, Langley T, Cheung W, Hill K, Pollnow V, Page K, Sanjuan E, Neal E, Griffith S, **Christie LJ**, Slark J, Ranta, Levi C, Grimshaw J, **Middleton S**. Evaluating remote facilitation intensity for multi-national translation of nurse-initiated stroke protocols (QASC Australasia): A protocol for a cluster randomised controlled trial. *Implementation Science*. 2023; 18:2. <https://doi.org/10.1186/s13012-023-01260-9>
- 17 **Fasugba O**, Sedani R, Mikulik R, **Dale S**, Vařecha M, **Coughlan K**, **McElduff B**, **McInnes E**, Hladíková S, Cadilhac DA, **Middleton S**. How registry data are used to inform activities for stroke care quality improvement across 55 countries: A cross-sectional survey of Registry of Stroke Care Quality (RES-Q) hospitals. *European Journal of Neurology*. 2023; 31:1-14. <https://doi.org/10.1111/ene.16024>
- 18 Halligan D, Janes G, Conner MT, Albutt A, Debono D, Carland J, Sheppard-Law S, Taylor N, **Middleton S**, **McInnes E**, Ferguson C, Lawton RJ. Identifying safety practices perceived as low-value: An exploratory survey of healthcare staff in the United Kingdom and Australia. *Journal of Patient Safety*. 2023; 19(2):143-150. DOI: 10.1097/PTS.0000000000001091
- 19 Homer C, Neylon K, Kennedy K, Baird K, Gilkinson A, Keogh S, **Middleton S**, Gray R, Whitehead L, Finn J, Rickard C Sharplin G, Neville S, Eckert M. Midwife led randomised controlled trials in Australia and New Zealand: A scoping review. *Women and Birth*. 2023; 36:401-408. <https://doi.org/10.1016/j.wombi.2023.03.003>
- 20 **Johnson M**, Ferguson C, **Thornton A**, **Israel J**, Cruickshank M, Debono D, Fernandez R, Fry M, Hickman LD, Hoise A, Inglis SC, McErlean G, **McInnes E**, Perry L, Sheppard-Law S, Wynne R, Parsons M, **Middleton S**. Exploring the SPHERE Nursing and Midwifery Clinician Researcher Career Pathway: A qualitative study. *Collegian*. 2023; 30:795-804. <https://doi.org/10.1016/j.colegn.2023.06.002>
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## ALLIED HEALTH

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# NRI Projects

In 2023, NRI and Allied Health Research Unit researchers collaborated on 34 research projects. NRI researchers\* led nine of them and were co-investigators on the remaining projects. Eighteen projects^ involved collaboration with our St Vincent's Health Australia partners.

## NURSING

| PROJECT BY NATIONAL SAFETY AND QUALITY HEALTH SERVICE STANDARDS |  | FUNDING SOURCE   | ST VINCENT'S HEALTH AUSTRALIA CAMPUSES  |
|---|--|--|---|
| <b>STANDARD 2: PARTNERING WITH CONSUMERS</b>                    |  |  |   |
| 1   | <b>ACCELERATE Trial: Assessment and CommuniCation ExcellEence foR sAfe paTient outcomEs*^</b><br>(Also Standard 5, 6 and 8)          | NSW Nursing and Midwifery Strategy Reserve Funding<br>Nurses Board Victoria Legacy Limited Research Fund<br>St Vincent's Research Endowment Fund | St Vincent's Hospital Sydney<br>St Vincent's Hospital Melbourne<br>[Also with Prince of Wales Hospital] |
| 2   | <b>The ACCELERATE Plus Trial: Assessment and CommuniCation ExcellEence foR sAfe paTient outcomEs*^</b><br>(Also Standard 5, 6 and 8) | NSW Nursing and Midwifery Strategy Reserve Funding<br>Maridulu Budyari Gumal – SPHERE Big Ideas Grant  | St Vincent's Hospital Sydney<br>St Vincent's Hospital Melbourne<br>[Also with six other NSW Hospitals]  |
| 3   | <b>Centre of Research Excellence in Wiser Wound Care^: Improving evidence based pressure injury prevention</b><br>(Also Standard 5)  | National Health and Medical Research Council   | St Vincent's Hospital Melbourne<br>St Vincent's Hospital Sydney   |
| 4   | <b>Peritoneal dialysis patients' health and wellbeing and satisfaction with care^</b>  | Nil  | St Vincent's Hospital Sydney  |
| 5   | <b>The Stroke Golden Hour: delivering urgent stroke care to Australians</b><br>(Also Standard 5)                                     | Medical Research Future Fund – Frontier Health and Medical Research  | N/A   |
| 6   | <b>ReCAPS: Recovery-focused Community support to Avoid readmissions and improve Participation after Stroke^</b>                      | National Health and Medical Research Council;<br>Victorian Medical Research Acceleration Fund  | N/A   |

## NRI PROJECTS continued

| <b>STANDARD 5: COMPREHENSIVE CARE</b> |   |   |   |
|---------------------------------------|---|---|---|
| 7                                     | <b>AVERT-DOSE (Determining Optimal early rehabilitation after Stroke): A multi-arm covariate-adjusted, response adaptive randomised controlled trial^</b> | National Health and Medical Research Council                    | St Vincent's Hospital Sydney<br>[Combined project with Allied Health] |
| 8                                     | <b>Centre for Research Excellence in Paediatric Emergency Medicine (PEM)</b>  | National Health and Medical Research Council                    | N/A   |
| 9                                     | <b>Centre of Research Excellence in aphasia recovery and rehabilitation</b>   | National Health and Medical Research Council                    | N/A   |
| 10                                    | <b>Centre of Research Excellence to Accelerate Stroke Trial Innovation and Translation</b>  | National Health and Medical Research Council                    | N/A   |
| 11                                    | <b>Code Stroke 2.0 Project: Examining the role of the acute stroke nurse during a code stroke call in the Emergency Department^</b>                       | Nil   | N/A   |
| 12                                    | <b>Digital solutions for heart failure best practice care</b>   | National Health and Medical Research Council                    | N/A   |
| 13                                    | <b>Improving arm function after stroke using task specific training</b>   | National Health and Medical Research Council                    | N/A   |
| 14                                    | <b>Improving life after stroke with tailored support: Innovation in use of national registry data 14 (A-LISTS AuSCR)</b>                                  | National Health and Medical Research Council                    | N/A   |
| 15                                    | <b>Improving the health system's response when patients are harmed: A mixed-methods study</b>   | National Health and Medical Research Council                    | N/A   |
| 16                                    | <b>P-OMICS-flow grant [Precision Medicine Clinic]</b>   | National Health and Medical Research Council                    | N/A   |
| 17                                    | <b>Quality in Acute Stroke Care (QASC) Europe Project*</b>  | European Stroke Organisation                                    | N/A   |
| 18                                    | <b>Quality in Acute Stroke Care (QASC) Australia Project*^</b>  | National Health and Medical Research Council                    | N/A   |
| 19                                    | <b>RAVIE – Improving the capacity to deliver evidence-based care for acute stroke using educational workshops in developing countries</b>                 | Australian Academy of Science – Regional Collaborations Program | N/A   |

|   |   |  |   |
|---|---|--|---|
| 20  | Translation of best practice osteoporosis refracture prevention: Stopping fragility fractures to keep Australians out of hospital <sup>^</sup>                            | Medical Research Future Fund                 | St Vincent's Hospital Sydney  |
| 21  | Transforming acute hospital care to improve outcomes for stroke <sup>*</sup>  | National Health and Medical Research Council | N/A   |
| 22  | Transforming nursing assessment in acute hospitals: A cluster randomised controlled trial of an Evidence-based CORE assessment protocol (ENCORE) <sup>^</sup>             | National Health and Medical Research Council | St Vincent's Hospital Sydney<br>St Joseph's Hospital<br>St Vincent's Hospital Melbourne |
| 23  | ZODIAC: ZerO Degree head positioning In Acute ischemic stroke   | National Institute of Health, USA            | N/A   |
| <b>STANDARD 6: COMMUNICATING FOR SAFETY</b>                             |   |  |   |
| 24  | Effective communication in clinical handover: research and intervention to improve patient safety and satisfaction at St Vincent's and St Joseph's hospitals <sup>^</sup> | St Vincent's Curran Foundation               | St Vincent's Hospital Sydney<br>St Joseph's Hospital<br>St Vincent's Hospital Melbourne |
| 25  | Patient Acceptability of Nurse-Led Physical Assessments and Structured Bedside Handovers (The ACCELERATE Plus: Acceptability Study) <sup>^</sup>                          | Nil  | St Vincent's Hospital Melbourne   |
| <b>STANDARD 8: RECOGNISING AND RESPONDING TO CLINICAL DETERIORATION</b> |   |  |   |
| 26  | The PREPARE Study: Improving the PREPAREDness of family members for end-of-life care in the intensive care unit <sup>*^</sup>   | Nil  | St Vincent's Hospital Melbourne   |
| <b>OTHER</b>  |   |  |   |
| 27  | Understanding the short and longer-term impacts of a Registered Undergraduate Student Of Nursing (RUSON) workforce <sup>^</sup>   | Research Endowment Fund Grant                | St Vincent's Hospital Melbourne   |

**ALLIED HEALTH**

| PROJECT BY NATIONAL SAFETY AND QUALITY HEALTH SERVICE STANDARDS |  | FUNDING SOURCE   | ST VINCENT'S HEALTH AUSTRALIA CAMPUSES                          |
|---|--|--|---|
| <b>STANDARD 5: COMPREHENSIVE CARE</b>                           |  |  |   |
| 1   | A clinical service evaluation of an integrated social work led model of care in responding to domestic and family violence   | Nil  | St Vincent's Hospital Sydney                                    |
| 2   | Barriers and facilitators to the delivery of evidence-based care for people with eating disorders in an acute care setting   | St Vincent's Curran Foundation Endowment Grant funding<br>St Vincent's Health Australia Inclusive Health Innovation Fund awarded by St Vincent's Centre for Applied Medical Research | St Vincent's Hospital Sydney                                    |
| 3   | ReCITE (Remote Constraint Induced Therapy of the upper Extremity): An implementation study <sup>*^</sup>   | Stroke Foundation – Early Career Seed Grant<br>St Vincent's Clinic Foundation 2021 Multidisciplinary Patient Focused Research Grant  | St Vincent's Hospital Sydney<br>[Combined project with Nursing] |
| 4   | The impact of pre-operative nutrition support in heart and lung transplant patients: A feasibility study   | St Vincent's Clinic Foundation 2021 Multidisciplinary Patient Focused Research Grant   | St Vincent's Hospital Sydney                                    |
| 5   | The impact of speech pathology intervention pre 3-stage oesophagectomy on post-operative health outcomes   | Nil  | St Vincent's Hospital Sydney                                    |
| 6   | Supporting Patient-centred Survivorship (SURPASS) at St Vincent's Health Network: Adaptation and adoption of the 'My Personal Plan' Prostate Cancer Survivorship Care Plan for generic use <sup>*^</sup> | St Vincent's Curran Foundation Endowment Grant   | St Vincent's Hospital Sydney                                    |
| 7   | Supportive care needs of people from diverse backgrounds, living with or beyond cancer: A cross sectional study <sup>*^</sup>  | SVHA Health Equity Program FY24 Clinician Led Project  | St Vincent's Hospital Sydney                                    |

# Australian Catholic University Honorary Appointments

ACU honorary titles are awarded in acknowledgement of an individual's clinical, operational and research expertise and their support and promotion of NRI research. Current ACU Honorary Appointments are listed below, and we thank them for their ongoing contribution and support.

## ACU ADJUNCT PROFESSOR

**Adjunct Professor Jacqui Bilo**  
Chief Nursing Officer,  
St Vincent's Hospital Melbourne

**Adjunct Professor Anthony Schembri**  
Chief Executive Officer,  
St Vincent's Health Network Sydney

**Adjunct Professor Anna Thornton**  
Executive Director of Nursing,  
St Vincent's Health Network Sydney

**Adjunct Professor Nicole Tweddle**  
Chief Executive,  
St Vincent's Hospital Melbourne

## ACU CLINICAL ASSOCIATE PROFESSOR

**Clinical Associate Professor  
Margaret Lazar**  
Executive Director of Allied Health and  
Community Services,  
St Vincent's Health Network Sydney

## ACU CLINICAL FELLOWS

**Dr Lauren Christie**  
Senior Implementation Science Research  
Fellow, Allied Health and NRI

**Dr Nicola Fearn**  
Occupational Therapist & Senior  
Research Officer, Allied Health Research  
Unit and NRI

**John Forster**  
Psychiatric Consultation and Liaison Nurse,  
St Vincent's Hospital Melbourne

**Julie Gawthorne**  
Clinical Nurse Consultant,  
Emergency Department,  
St Vincent's Health Network Sydney

**Jake McMahon**  
Research Coordinator,  
St Vincent's Hospital Melbourne

**Jane Rodgers**  
Wound Management Clinical  
Nurse Consultant,  
St Vincent's Health Network Sydney

**Dr Nicola Straiton**  
Research Fellow (Implementation Science),  
Implementation Science Platform  
Maridulu Budyari Gumal, the Sydney  
Partnership for Health, Education,  
Research and Enterprise (SPHERE)

# NRI Honorary Clinical Fellows

NRI honorary clinical fellowships are awarded in acknowledgement of the contribution made by individuals to NRI research and corporate activities. Current NRI Honorary Clinical Fellows are listed below, and we thank them for their ongoing contribution and support.

## CONTRIBUTION TO NRI RESEARCH PROGRAM

**Kirsty Page**  
Stroke Clinical Nurse Consultant, St  
Vincent's Hospital Sydney

**Joanne Taylor**  
Nurse Manager Clinical Practice and  
Innovation, St Vincent's Hospital Sydney

## CONTRIBUTION TO QUALITY IN ACUTE STROKE CARE EUROPE (QASC) EUROPE PROJECT

**Professor Anne-Kathrin Cassier-Woidasky**  
Professor for Nursing, Saarland University  
of Applied Sciences, Germany

**Dr Estela Sanjuan Menendez**  
Stroke Research Coordinator, Fundacio  
Institut de Recerca de L'Hospital  
Universidad, Vall d'Hebron Barcelona, Spain



# NRI with Allied Health Conferences and Presentations

NRI staff in bold, presenters underlined.

## Conferences

### Implementation Science Health Conference Australia, Sydney: 23 March 2023

**Fearn N**, Lannin NA, **Christie LJ**. *An online therapist support package improves confidence, knowledge and skills to deliver TeleCIMT*. [Poster presentation]

### 3rd International Conference of the German Society of Nursing Science, Virtual: 11–12 May 2023

Cassier-Woidasky AK, Heike R, **Dale S**, **Middleton S**, Pfeilschifter W. *Challenges and barriers for nurses participating in international research: High motivation and organizational obstacles*.

### National Speech Pathology Conference, Hobart: 21–24 May 2023

Lincoln L, Starkey A, **Christie LJ**. *The impact of pre-operative speech pathology assessment and intervention on swallowing and health outcomes following a 3-stage oesophagectomy*.

Musgrove E, McMahon A, Smith-Tamaray M, Berg N, **Christie LJ**. *Understanding current oral care practices in acute aged care*.

### 9th Annual European Stroke Organisation Conference, Munich, Germany: 24–26 May 2023

Cassier-Woidasky AK, Heike R, **Middleton S**, **Dale S**, **McElduff B**, **Coughlan K**, **McInnes E**, Cadilhac DA, Pfeilschifter W. *Quality in Acute Stroke Care (QASC) Germany Project: Improving efficiency in stroke units with nurse-initiated protocols to managed fever, hyperglycemia and swallowing post-stroke*.

### Renal Society of Australasia Conference, Sydney: 29–31 May 2023

**Paquin L**, **Middleton S**, **Lumby J**, Bexton M, Ward S, **Pritchard T**, **Israel J**, **Liu M**. *Peritoneal dialysis health and wellbeing, and satisfaction with care study*. [e-Poster Presentation]

### Occupational Therapy Australia 30th National Conference and Exhibition, Cairns: 21–23 June 2023

Cahill LS, Sansonetti D, **Christie LJ**, Currie S, Pallit M, McFarlane C, Robin Jacob N, Leifer D, Lannin NA. *Improving timeliness and coordination of discharge planning in acquired brain injury rehabilitation*.

**Christie LJ**, **Fearn N**, McCluskey A, Lannin NA, Boydell J, Meharg A, Kilkenny A, Shiner CT, Faux S, Howes E, **Middleton S**. *Therapist behaviour change intervention to support delivery of constraint-induced movement therapy (CIMT) via telehealth*.

**Fearn N**, McCluskey A, Lannin NA, Howes E, **Middleton S**, Shiner C, Kilkenny A, Boydell J, Meharg A, Faux S, **Christie LJ**. *An online therapist support package improves confidence, knowledge and skills to deliver TeleCIMT*.

Weston K, Cahill L, Lannin NA, **Fearn N**, Cox N, Qiang R, **Christie LJ**. *Administration of the Nine Hole Peg Test via telehealth with stroke survivors*.

### Cardiovascular Society of Australia and New Zealand (CSANZ), Adelaide: 3–6 August 2023

**Straiton N**, Gullick J, Candelaria D, Gallagher R. *The critical role of social support in older adults undergoing aortic valve replacement (AVR): An observational study*.

### National Allied Health Conference, Perth: 8–10 August 2023

Musgrove E, McMahon A, Smith-Tamaray M, Berg N, **Christie LJ**. *Understanding current oral care practices in acute aged care*.

## CONFERENCES AND PRESENTATIONS continued

### Stroke 2023, Melbourne: 22–25 August 2023

Cadilhac DA, Dalli L, Morrison J, Lannin NA, Paice K, Campbell BCV, Cloud GC, Kilkenny MF, Dewey HM, Hill K, Donnan GA, Grimley RS, Kleinig T, **Middleton S**. *Championing stroke care: Insights from the Australian Stroke Clinical Registry on priority areas of acute stroke care*.

Cahill LS, Sansonetti D, **Christie LJ**, Currie S, Pallit M, McFarlane C, Robin Jacob N, Leifer D, Lannin NA. *Implementation of evidence-informed discharge planning practice in inpatient rehabilitation*.

**Coughlan K**, **McElduff B**, **Dale S**, **Fasugba O**, Cadilhac DA, Hill K, Kilkenny M, Purvis T, Reyneke M, **McInnes E**, **Middleton S**. *Does a ‘Strong recommendation’ within a clinical practice guideline change clinician behaviour? National uptake of Fever, hyperglycaemia (Sugar) and Swallowing (FeSS) management following stroke*.

**Christie LJ**, **Fearn N**, Kilkenny A, Shiner CT, McCluskey A, Lannin NA, Boydell J, Meharg A, Faux S, **Middleton S**. *Stroke survivor experiences of completing a constraint induced movement therapy program via telehealth: The ReCITE study*. [Poster presentation]

**Ding R**, Betihavas V, **McElduff B**, **Dale S**, **Coughlan K**, **McInnes E**, **Middleton S**, **Fasugba O**. *Fever, Hyperglycaemia (Sugar) and Swallowing (FeSS) Management in Stroke Unit and Non-stroke Unit Hospitals: A substudy of the QASC Europe Project*.

**Jones B**, **Fasugba O**, **Dale S**, **McInnes E**, **Middleton S**. *A scoping review of acute specialist nursing roles and their impact on patient outcomes*.

Lynch EA, Bulto L, Cheng H, Craig L, Luker J, **Bagot KL**, Thayabaranathan T, Janssen H, **McInnes E**, **Middleton S**, Cadilhac DA. *Interventions to improve the delivery of evidence-based practices in acute stroke units – a Cochrane Systematic Review*.

Morrison J, Hancock S, Carter H, Lester M, Barclay Moss K, Kim J, Kilkenny M, Dewey H, Grimley R, **Middleton S**, Lannin NA, Cadilhac DA. *Use of SMS in obtaining patient-reported outcomes in the Australian Stroke Clinical Registry*.

Ross RG, Blennerhassett J, Moss K, Purvis T, Frost T, Wong D, Hillier S, Kim J, Cranefield J, Jacques K, Nelson M, Russell G, Grindon-Ekins K, Scott C, Murphy L, **Bagot KL**, Kilkenny M, Kleinig T, Grimley R, **Middleton S**, Thijs V, Cadilhac DA. *Co-design of a tailored follow-up intervention package for people living with stroke who report extreme unmet needs: A two stage, three-round modified Delphi study*.

Weston K, Cahill L, Lannin NA, **Fearn N**, Cox N, Qiang R, **Christie LJ**. *Determining the acceptability and concurrent validity of administering the Nine Hole Peg Test via Telehealth*. [Poster presentation]

### Australasian Diabetes Congress 2023, Adelaide: 23–25 August 2023

Wah C, Campbell L, Fulcher G, Depczynski B, Acharya S, Carter J, Champion B, Chen R, Chipps D, Flack J, Kinsella J, Layton M, Mclean M, Moses R, Park K, Poynten A, Scadden D, Tonks K, Webber M, White C, Wong V, **Middleton S**, Kuo I, **McElduff P**. *Hospital admission glucose levels are associated with mortality beyond the admission*.

### KU Leuven Upper Limb Stroke Rehabilitation Summer School 2023, Leuven, Belgium: 13–15 September 2023

Weston K, Cahill LS, Lannin NA, **Fearn N**, Cox N, **Christie LJ**. *A pilot study of remote administration of the Nine Hole Peg Test with stroke survivors*. [Poster presentation]



## CONFERENCES AND PRESENTATIONS continued

### NSW Cancer Conference 2023, Sydney: 18–19 September 2023

**Fearn N**, Heneka N, **Christie LJ**, Dear R, Chin V, Curran L, Krasovitsky M, Lavee O, Dunn J, Chambers S. *Supporting Patient-centred Survivorship (SURPASS) at St Vincent's Health Network: Adaptation and adoption of the 'My Personal Plan' prostate cancer survivorship care plan for generic use: A study protocol.* [Poster presentation]

### 2023 Australian Clinical Registry Annual Scientific Meeting, Melbourne: 20 October 2023

Dalli LL, Morrison J, Kilkenny MF, Dewey HM, Cloud G, **Middleton S**, Cadilhac DA on behalf of the AuSCR Consortium. *Stroke performance scorecards to enhance reporting of hospital-level data in the Australian Stroke Clinical Registry.* [Poster presentation]

### 11th Annual National Stroke Quality Improvement Workshop, Parkville, Victoria: 25 October 2023

**Middleton S**. *Vision for the Australian Stroke Clinical Registry (AuSCR).*

### Clinical Oncology Society of Australia (COSA) Annual Scientific Meeting 2023, Melbourne: 31 October–3 November 2023

**Fearn N**, Heneka N, **Christie LJ**, Dear R, Chin V, Curran L, Krasovitsky M, Lavee O, Dunn J, Chambers S. *Supporting Patient-centred Survivorship (SURPASS) at St Vincent's Health Network: Adaptation of the 'My Personal Plan' Prostate Cancer Survivorship Care Plan for generic use.* [Poster presentation]

### Aphasiology Symposium of Australasia 2023, Melbourne: 4 November 2023

**Shiggins C**, Elston A, Ryan B, Dewan F, Lindley RI, Bernhardt J, **Middleton S**, Rose ML. *Inclusion of people with aphasia in stroke research: Perspectives and experiences of stroke researchers across disciplines.*

### Australasian Neuroscience Nurses Association (ANNA), Fremantle, WA: 8–9 November 2023

**Coughlan K**, **McElduff B**, **Dale S**, **Fasugba O**, Cadilhac DA, Hill K, Kilkenny M, Purvis T, Reyneke M, **McInnes E**, **Middleton S**. *Do clinical practice guidelines change clinician behaviour? Management of post stroke Fever, hyperglycaemia (Sugar) and Swallowing (FeSS) after their inclusion in national stroke clinical practice guidelines.*

### Transdisciplinary Conference for Future Leaders in Precision Public Health, Virtual: 9 & 16 November 2023

Morrow A, Liang S, Lin F, Zaheed M, McKay S, Douglas B, Chan P, Leaney K, Napier CE, **Middleton S**, Butow P, Young J, Parkinson B, Ballinger ML, Tucker K, Goldstein D, Thomas DM, **Taylor N**. *Integrating precision medicine into routine healthcare: Protocol for the P-OMICs-flow.* [e-Poster presentation]  
\*\*Runner-up for Best Poster\*\*

## Invited speaker

### International Stroke Conference 2023, Dallas, Texas: 8–10 February 2023

**Middleton S**. Moderator for session: *From clinical trials to patient implementation: Methods for incorporating state of the science stroke research into APP clinical practice.* \*\*Invited moderator\*\*

**Middleton S**. *Implementation science to address disparities in acute stroke prognoses.* \*\*Invited speaker\*\*

### Kurri Kurri Rehabilitation Unit Workshop, Hunter New England Health Service: 2–3 March 2023

**Christie LJ**, **Fearn N**. *Implementation of constraint-induced movement therapy (CIMT) programs in practice.* \*\*Invited speakers\*\*

## CONFERENCES AND PRESENTATIONS continued

### Sydney Health Partners Implementation Science Conference (ISHCA23), Sydney: 23–24 March 2023

**Christie LJ**, Levy T, Lannin NA. *An introduction to using the behaviour change wheel in implementation research.* \*\*Invited speaker\*\*

**Middleton S**. *Implementation success – opportunities for rapid implementation and new ways of working for clinician researchers.* \*\*Invited plenary speaker\*\*

### Implementation Science Health Conference Australia, Sydney: 24 March 2023

**Christie LJ**, Levy T, Lannin NA. *An introduction to using the behaviour change wheel in implementation research.* \*\*Invited speaker\*\*

### NHMRC CRE in Wiser Wound Care 2023 Knowledge Translation Symposium, Gold Coast: 27 April 2023

**Latimer S**. *Terminal ulcers, series of research, summary of findings.* \*\*Invited speaker\*\*

**McInnes E**. *Evidence from recent Cochrane reviews on pressure injury prevention and treatment using support surfaces.* \*\*Invited speaker\*\*

**Rodgers J**. *De-implementation from low-value PIP practices: A hospital case study.* \*\*Invited speaker\*\*

### 14th EANN Quadrennial Congress of the European Association of Neuroscience Nurses 2023, Reykjavík, Iceland: 25–27 May 2023

**Dale S**. *A qualitative process evaluation of the Quality in Acute Stroke Care global scale-up using a cascading facilitation framework.* \*\*Invited keynote speaker\*\*

**Dale S**. Panel member. *60-minute Q&A panel of speakers addressing the subject: How to get started in nursing research.* \*\*Invited panel member\*\*

**Middleton S**. *Are we using the data we have to improve the quality of care? Australian and European experience?* \*\*Invited keynote speaker\*\*

**Middleton S**. *From clinical trial to large scale translation: Upscaling the implementation of Fever, Sugar (Hyperglycaemia) and swallow Protocols (FeSS) following stroke into everyday clinical practice.* \*\*Invited keynote speaker\*\*

**Middleton S**. Panel lead. *60-minute Q&A panel of speakers addressing the subject: How to get started in nursing research.* \*\*Invited panel moderator\*\*

### European Society of Cardiology (ESC) Association of Cardiovascular Nursing & Allied Professions (ACNAP), Edinburgh, Scotland: 23–24 June 2023

**Straiton N**. *20 years of TAVI: Does frailty still matter?* \*\*Invited speaker\*\*

**Straiton N**. *Lessons learned from the bedside: The acceptability of evidence-based care.* \*\*Invited plenary speaker\*\*

### Haddenham Healthcare webinar series, Virtual: 1 August 2023

**Fearn N**. *Breast oedema assessment, incidence and risk factors.* \*\*Invited speaker\*\*

### Cardiovascular Society of Australia and New Zealand (CSANZ), Adelaide: 3–6 August 2023

**Straiton N**. *Frailty in TAVI: where are we now?* \*\*Invited speaker\*\*

### Stroke 2023, Melbourne: 22–25 August 2023

**Dale S**. Session Chair: *Stroke Nurse Advocacy (ASNEN).* \*\*Invited session chair\*\*

**Middleton S**. Session Chair: *Championing Care.* \*\*Invited session chair\*\*

**Global Heart Hub, Amsterdam, The Netherlands: 23 August 2023**

Karnad A, Santoni A, Harding E, McGonigle S, Lauck S, **Straiton N** et al. *Global roundtable to develop a roadmap for the successful implementation of shared decision-making in heart valve disease.* \*\*Invited expert\*\*

**Concentric Rehabilitation Australia webinar series, Virtual: 4 October 2023**

**Christie LJ.** *Using telehealth and technology to support rehabilitation for stroke survivors.* \*\*Invited speaker\*\*

**'Connecting the Dots', Alfred Health Multidisciplinary Stroke Symposium, Melbourne: 5 October 2023**

**Christie LJ.** *Telerehabilitation to support stroke survivors: Lessons learnt.* \*\*Invited keynote\*\*

**Australian Catholic University School of Allied Health Research Network (SOAHRN) meeting, Virtual: 24 October 2023**

**Christie LJ,** McMahon A. *Allied Health Research at St Vincent's Health Network Sydney.* \*\*Invited speaker\*\*

**Advanced Rehabilitation Centre (ARC) webinar series, Virtual: 15 November 2023**

**Christie LJ.** *Implementing constraint induced movement therapy (CIMT) into practice.* \*\*Invited speaker\*

**Australian Clinical Trials Alliance (ACTA) International Clinical Trials Symposium, Melbourne: 27–29 November 2023**

**Straiton N.** *Consumer involvement and engagement in commercial clinical trials.* \*\*Invited speaker\*\*

**Presentations**

**ST VINCENT'S HOSPITAL SYDNEY**

**St Vincent's Campus 2023 Research Symposium, Sydney: 2–3 February 2023**

**Middleton S, Dale S, McElduff B, Coughlan K, McInnes E,** Fischer T, Van der Merwe J, Havalda R, Grecu A, Mikulik R, Cadilhac DA, D'Este C, Levi C, Grimshaw J, Quinn C, Cheung NW and Pfeilschifter W on behalf of the QASC Europe Steering and Implementation Committees. *Stroke care differences between high and middle income countries: QASC Europe project.*

\*\*Best oral presentation prize\*\*

**Patient Wellness Day, Sydney: 30 June 2023**

**Paquin L, Middleton S, Lumby J,** Bexton M, Ward S, Pritchard T, **Israel J, Liu M.** *Positive wellbeing strategies for peritoneal dialysis home patients.*

**St Vincent's Health Network Sydney Medical Grand Rounds, Sydney: 25 July 2023**

**Whittam S, McMahon J, McElduff B, Coventry A, Rihari-Thomas J, Coughlan K,** Riddell K, **Thornton A,** Tuqiri K, Steadward Y, **Taylor J,** Olesen K, Kelly P, Goncharov L, Chien L, Dahm M, Slade D, **Liu M, McInnes E, Middleton S.** *Assessment and CommuniCation ExcelLEnce foR sAfe paTient outcomEs Plus (The ACCELERATE Plus Trial).*

**St Vincent's Sydney Health Innovation Precinct – 2023 Research Week, Sydney: 23–27 October 2023**

**Christie LJ, Fearn N,** Kilkenny A, Shiner CT, McCluskey A, Lannin NA, Boydell J, Meharg A, Faux S, **Middleton S.** *Stroke survivor experiences of completing a constraint induced movement therapy program via telehealth: The ReCITE study.* [Poster presentation]

**Fearn N,** Heneka N, **Christie LJ,** Dear R, Chin V, Curran L, Krasovitsky M, Lavee O, Dunn J, Chambers S. *SUPpoRting PAtient-centred SurvivorShip (SURPASS) at St Vincent's Health Network: Adaptation of the 'My Personal Plan' Prostate Cancer Survivorship Care Plan for generic use.*

**Rihari-Thomas J, Whittam S, Liu M, Bagot KL,** Goncharov L, **McMahon J, Coventry A, Coughlan K, Middleton S, McInnes E** on behalf of the ACCELERATE Project Team. *The ACCELERATE Stepped Wedge Cluster Randomised Control Feasibility Trial: Process Evaluation.*

\*\*Fast Forward Chair's Prize\*\*

**Rogers M,** Chrystie A, Cahill LS, **Christie LJ.** *Preliminary evaluation of outcomes and satisfaction associated with hand therapy in a metropolitan hospital.* [Poster presentation]

**Straiton N,** Sheppard-Law S, Pollnow V, **Thornton A, McInnes E,** McCormack B, Everett B, **Whittam S, Liu M,** Faux S, Goncharov L, Slade D, **Middleton S.** *Patient acceptability of nurse-led physical assessments and bedside handovers.*

\*\*Winner, 2023 Best Early–Mid Career Research Oral\*\*

**Straiton N,** Sheppard-Law S, Pollnow V, **Thornton A, McInnes E,** McCormack B, Everett B, **Whittam S, Liu M,** Faux S, Goncharov L, Slade D, **Middleton S.** *Patient acceptability of nurse-led physical assessments and bedside handovers.* [Poster presentation]

Weston K, Cahill L, Lannin NA, **Fearn N,** Cox N, Qiang R, **Makroglou K, Christie LJ.** *Validation of nine-hole peg test administration via telehealth with stroke survivors: Usability, Acceptance and Reliability.*

**ST VINCENT'S HOSPITAL MELBOURNE**

**Aikenhead Centre for Medical Discovery Research Week, St Vincent's Hospital, Melbourne: 7–10 August 2023**

**Coughlan K, McElduff B, Dale S, Fasugba O,** Cadilhac DA, Hill K, Kilkenny M, Purvis T, Reyneke M, **McInnes E, Middleton S.** *Does a 'Strong recommendation' within a clinical practice guideline change clinician behaviour? National uptake of Fever, hyperglycaemia (Sugar) and Swallowing (FeSS) management following stroke.* \*\*Top scoring nursing abstract\*\*

**Ding R,** Betihavas V, **McElduff B, Dale S, Coughlan K, McInnes E, Middleton S, Fasugba O.** *Fever, Hyperglycaemia (Sugar) and Swallowing (FeSS) Management in Stroke Unit and Non-stroke Unit Hospitals: A substudy of the QASC Europe project.* \*\*Top scoring nursing abstract\*\*

**Whittam S, McMahon J, McElduff B, Coventry A, Rihari-Thomas J, Coughlan K,** Riddell K, **Thornton A,** Tuqiri K, Steadward Y, **Taylor J,** Olesen K, Kelly P, Goncharov L, Chien L, Dahm M, Slade D, **Liu M, McInnes E, Middleton S.** *The ACCELERATE stepped-wedge cluster randomised control trial: Nurse and patient experience survey results.*

**Whittam S, McMahon J, McElduff B, Coventry A, Rihari-Thomas J, Coughlan K,** Riddell K, **Thornton A,** Tuqiri K, Steadward Y, **Taylor J,** Olesen K, Kelly P, Goncharov L, Chien L, Dahm M, Slade D, **Liu M, McInnes E, Middleton S.** *The ACCELERATE stepped-wedge cluster randomised control trial: Nurse and patient experience survey results.* [Moderated poster presentation]

\*\*Winner, SVHM Senior Medical Staff Association Best Poster Award: Nursing\*\*

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2023

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