

NURSING RESEARCH STRATEGY 2021-23

Center for Nursing Research in the Western Health Partnership





INTRODUCTION

The Western Health Partnership was established in 2014 and drives collaborative clinical research that provides Western Health staff and students with the opportunity to engage in clinically focussed, multidisciplinary research and training across acute, chronic, rehabilitation, and community healthcare settings. The Partnership is committed to improve patient safety outcomes, patient experience of healthcare, and support the role of nurses and midwives in their workforce development, with the ultimate aim to deliver world class health outcomes for our large and diverse community in Melbourne's west.

The Centre for Nursing Research activated are underpinned and aligns with the Western Health Research Strategy 2021 – 2023, Western Health Strategic Plan 2015-2020 as well as Nursing and Midwifery Strategic Workforce Plan 2019-2021, Best Care and Right Care plans and Deakin University's Quality and Patient Safety (QPS) Strategic Research Centre and Institute of Health Transformation (IHT).

The Centre provides academic and professional leadership to staff and students and recognises the importance of combining expertise from industry, community and academia to inform the quality, best, right and safe healthcare delivery. A defining feature of the Centre is that it fosters a rich diversity of activities in health services research with the aim to build capacity and enhance the research culture at Western Health with benefits for patients and their families, staff, students and academics.

Vision: to be nationally and internationally recognised as a centre of nursing research excellence

The Centre has four key objectives:

- Pursue a program of research that supports the core clinical activities of Western Health and is situated within the QPS
 research domain within the IHT of the Faculty of Health, Deakin University. Our three overarching research priorities
 are:
 - a. Safety and risk management in support of best and safe care
 - b. Patient and carer engagement and experiences
 - c. Healthcare workforce and service delivery.
- 2. Provide leadership and mentorship for the professional development of clinical and academic staff through research training by building staff capabilities from clinical skills through to leadership.
- 3. Establish a public profile of the Centre that promotes its activities and research outcomes and highlights the expertise of its researchers as leaders in their field.
- 4. Build collaborative partnerships with professional organisations, consumer organisations, primary care, national and international tertiary institutions and community groups associated with Western Health.







Safety and risk management in support of best and safe care

Best Care (patients):

- I am seen and treated as a person
- I receive help, treatment and information when I need it & in coordinated way
- I receive care that makes me feel better
- I feel safe

Best Care: (front line staff)

- I communicate with patients and their families and am sensitive to their needs & preferences
- I am active team player and look for ways to do things better
- I am competent in what I do and motivated to provide the best care and services possible
- I keep patient from harm

Best Care (Managers & Senior Clinicians):

- I engage with and put patients first when making decisions
- I look for ways to support staff to work efficiently and as part of a team
- I guide, engage and support staff to provide best clinical care
- I promote a culture of safety

Supporting Western Health Strategic Directions, Western Health Research Road Map, Best Care and Safe Care Frameworks:

Strategic Aim 1: Growing & improving the delivery of safe, high quality care
Objective 1: Define and deliver service to better meet the needs of our diverse community
Objective 1.2: Identify gaps and pursue new service delivery opportunities.

Objective 3: Undertake research and quality improvement activities as part of everyday practice

Objective 3.2: Support and drive research activity to improve the translation of evidence to best practice service delivery Research Road Map:

Aim 1: Increase awareness of the importance of research to underpin best care

- embed strategies such as increasing mechanisms to share best practice across disciplines and practice groups
- research as an integral part of continuing professional development

Outcomes aligned with WH Research Road Map:

Leading translational research in Nursing and Midwifery Measure of success aligned with WH Research Road Map:

- Quality and Number of publications
- Type and funding value of grants
- Increase number of Quality improvement projects

Patient and carer engagement and experiences

Best Care (patients):

- I am seen and treated as a person
- I receive help, treatment and information when I need it & in coordinated way
- I receive care that makes me feel better
- -I feel safe

Best Care: (front line staff)

- I communicate with patients and their families and am sensitive to their needs & preferences
- -I am active team player and look for ways to do things better
- -I am competent in what I do and motivated to provide the best care and services possible
- I keep patient from harm

Best Care (Managers & Senior Clinicians):

- I engage with and put patients first when making decisions
- I look for ways to support staff to work efficiently and as part of a team
- -I guide, engage and support staff to provide best clinical care
- I promote a culture of safety

Supporting Western Health Strategic Directions, Western Health Research Road Map, Best Care and Safe Care Frameworks:

Strategic Aim 1: Growing & improving the delivery of safe, high quality care
Objective 3: Undertake research and quality improvement activities as part of everyday practice

Strategic Aim 4: Being socially responsible & using resources sustainably

Objective 2: in partnership, develop health services profile and system of collaboration for western Melbourne

Objective 2.2: Support growth across the provider network to better meet the needs of the catchment

Research Road Map:

Action 5: Enhance community and consumer engagement

- Establish a mechanism to enhance consumer involvement in the research process, including engagement of consumer representatives in research activities
- Explore the opportunity to capture consumer involvement in research activities using surveys (eg patient experience survey) or electronic records.
- Identify and pursue partnership opportunities that enable greater community involvement

Outcomes aligned with WH Research Road Map:

Leading translational research in Nursing and Midwifery Measure of success aligned with WH Research Road Map:

- Quality and numbers of publications
- Type and funding value of grants
- Increase number of Quality improvement projects

Best Care (Executive and Board):

- I oversee the development, implementation and ongoing improvement of organisation-wide systems supporting Best care

Healthcare workforce and service delivery

Best Care: (front line staff)

- I communicate with patients and their families and am sensitive to their needs & preferences
- I am active team player and look for ways to do things better
- i am cmpetent in what I do and motivated to provide the best care and services possible
- I keep patient from harm

Best Care (Managers & Senior Clinicians):

- I engage with and put patients first when making decisions
- I look for ways to support staff to work efficiently and as part of a team
- I guide, engage and support staff to provide best clinical care
- I promote a culture of safety
- I promote best clinical am active team player and look for ways to do things better
- I am competent in what I do and motivated to provide the best care and services possible
- I keep patient from harm

Best Care (Executive and Board):

• I oversee the development, implementation and ongoing improvement of organisation-wide systems supporting Best care

Supporting Western Health Strategic Directions, Western Health Research Road Map, Best Care and Safe Care Frameworks:

Strategic Aim 1: Growing & improving the delivery of safe, high quality care

Objective 3: Undertake research and quality improvement activities as part of everyday practice 3.2. Support and drive research activity to improve the translation of evidence to best practice service delivery **Strategic Aim 4**: Being socially responsible and using resources sustainable

Objective 2: In partnership, develop health services profile and system collaboration for western Melbourne

Strategic Aim 5: Valuing and empowering our people *Objective 1*: Build a flexible workforce that can respond rapidly to the changing health service needs *Objective 5.1*: Build competency and capability of those in critical job roles and functions to realise our strategic priorities

Objective 5.2: Support capability building through providing equitable access to training and education Objective 3: Improve the health and wellbeing of our staff

Objective 5.3.1: Engage people in in development and implementation of a safer work environment including health services infrastructure and wellbeing initiatives.

Research Road Map:

Action 1: Increase awareness of the importance of research to underpin best care

 embed research as an integral part of continuing professional development

Action 4: Expand research capacity and foster innovation

- provide access to services to support research activities such as analysis and interpretation
- Foster innovation and support the development of key technologies solutions that will influence research at Western Health, including EMR.

Outcomes aligned with WH Research Road Map:

Partnership that provide service where we best meet the care needs

Measure of success aligned with WH Research Road Map:

- Improvement in system-wide service gaps
- Increased levels of submissions and funding for collaborative projects
- Increase number of Quality improvement projects

Nursing Research at Western Health focuses on improving patient experiences and outcomes and contribute significantly to building research capacity in nursing at Western Health. The strategic activities areas in the Centre are:

Examples: Measure and Evaluate the effectiveness of the nursing care provision based on the best available evidence. minimise risk to Use research evidence to identify and translate clinical risks improve safety in the Demonstrate the specific contributions of Nursing practice to the quality and safety of healthcare health care provision Use research evidence to optimise patient outcomes under a range of clinical conditions, especially focusing on chronic and complex conditions. Measure. **Examples:** understand, support Use research evidence to guide the design of health care environments in a range of different contexts and improve nurses' Empower nurses and other health workers to sustain work in collaborative and supportive teams and other health Evaluate the effectiveness of the nursing care provision based on the best available evidence. workers' experience Use research evidence to identify and translate supportive and sustained measures in nursing care and teams. in provision of care **Examples:** Measure. understand and Develop, implement and evaluate approaches to person-centred care with the focus on patient experiences and quality of the improve patient and health outcomes. carer experiences Understand and respond to changing health care needs of communities at both acute and emerging events Use research evidence to meet changes in community healthcare needs and design services that accommodate those needs **Examples:** Apply evidence in Use research evidence to guide development and implementation of Nursing programs in terms of both content and delivery. provision of learning. Use WH-Deakin research centre to build research capacity among nurses and midwives by supporting research project and research and supervision of Bachelors of Nursing (Honours), Master of Nursing Practice and PhD students. working at WH Use research evidence to guide development and implementation of nursing and midwifery workforce initiatives to ensure optimal use of skills and knowledge, practice to full scope, skill mix etc. Evaluate the effectiveness of nursing educational strategies in terms of patient outcomes, best and safe care. **Examples:** Partnering with our Evaluation of patient journey to identify gaps and needs in health care delivery Use research evidence to guide development and implementation of new models of care with specific focus on nursing delivery of communities to improve patient care Evaluate health care technologies with specific focus on role of nurse in the interface between them and patients. Use research evidence to guide development and implementation of new models of care that meet the needs of cultural-linguistic

diverse and Aboriginal and TSI community groups' health care needs with specific focus of nurses as the delivery of care.

Goals and Key Performances for the Centre research activities for 2021-2023

ort Term Goals 1 Year (12 months)	Measured by
Ensure research outputs on completed projects.	Collaborate with WH and Deakin staff and build on existing research within nursing at WH into either publications or new research projects. For example:
	 Working Together Project Falls project Electronic Medical Record Project COVID-19 related research
Submit research funding applications to professional, philanthropic and government organisations to increase funding for research at Western Health.	Submission of at least 2 Category One and 3 Category 2-4 external competitive grants by December 2021
	Continue development of a research program in 'chronic and complex condition' and 'gender and health' aligned with the Centre's and WH's research priority areas.
	Continue to build research capacity among nurses by supporting research project and supervision of Bachelors of Nursing (Honours), Master of Nursing Practice and PhD students.
Commence new research relevant to the organisational needs of Western Health.	Participate in collaborative research across major health services in Western Health a in Metropolitan Melbourne facilitated by the partnership model of QPS and IHT.
Recruit and develop staff capacity.	Build capacity by recruiting Honours, Master and PhD students to Western Health staf and Deakin University.
Recruit and train research students from Western Health staff, Deakin University and externally.	Encourage students and interested staff to engage in the Centre's research activities.
	Attend, participate and document conferences with the aim to publish the presentation peer-reviewed papers.
	Visibility of the centre by consultation, workshop facilitation and engagement with professional and consumer groups for example

•	Develop research collaborations with key stakeholders in other health services, consumer groups, primary health care and professional organisations via QPS and IHT collaborators	Nationally: Australian Diabetes Educator Association, Australian Diabetes Society, Australasian Diabetes in Pregnancy Society, Diabetes Victoria, Australian College of Nursing, Victorian Hospital Association, Western Alliance, Australian Association of Disease Management, local and national Aboriginal and TSI Health groups, DHHS, Royal Adelaide Hospital and QPS partnering health services.
		Priority: • Developing a research program in Chronic and Complex Care in collaboration with
		WH staff, Primary Health Care, local governments, and consumer groups
•	Raise profile of nursing research within Western Health, through dissemination to key stakeholders and through international research presentations and publications	 in collaboration with WH staff and Aboriginal and TSI working towards a research program in Aboriginal Health at WH.
		Internationally: Danish Diabetes Academy, Scan-TRICC, GREAT Affiliated universities (Southern Denmark University, Odense university Hospital, University of Copenhagen)
•	Disseminate research findings through refereed publications, research reports and presentations	Ongoing core activities with the specific aim of at least 15 peer-reviewed publications in 2021 – 2022
lidd	le Term Goals 1-2 years (13 months – 24 months)	Measured by
	(10 11111111111111111111111111111111111	Measured by
•	Continue to develop an international research profile that enhances the reputation and activities of the partnership.	Lead submission of at least one Category 1 grant with international collaborators by 2022.
	Continue to develop an international research profile that enhances the	Lead submission of at least one Category 1 grant with international collaborators by
•	Continue to develop an international research profile that enhances the reputation and activities of the partnership. Disseminate research findings through refereed publications, research	Lead submission of at least one Category 1 grant with international collaborators by 2022.
•	Continue to develop an international research profile that enhances the reputation and activities of the partnership. Disseminate research findings through refereed publications, research reports and presentations Provide advice, leadership and expertise for nursing practice, education and	Lead submission of at least one Category 1 grant with international collaborators by 2022. Submission of at least five Category 2-4 grant applications Continue to build research capacity in nursing and midwifery by increase recruiting at Honours, Master and PhD students from Western Health staff and Deakin University,
•	Continue to develop an international research profile that enhances the reputation and activities of the partnership. Disseminate research findings through refereed publications, research reports and presentations Provide advice, leadership and expertise for nursing practice, education and	Lead submission of at least one Category 1 grant with international collaborators by 2022. Submission of at least five Category 2-4 grant applications Continue to build research capacity in nursing and midwifery by increase recruiting at Honours, Master and PhD students from Western Health staff and Deakin University, especially in relation to the Centre's research priority areas. Attract post-doctoral fellows to our center for metoring (Deakin Post Doctoral Felleow
•	Continue to develop an international research profile that enhances the reputation and activities of the partnership. Disseminate research findings through refereed publications, research reports and presentations Provide advice, leadership and expertise for nursing practice, education and professional organisations. Consolidate already established international links and further international	Lead submission of at least one Category 1 grant with international collaborators by 2022. Submission of at least five Category 2-4 grant applications Continue to build research capacity in nursing and midwifery by increase recruiting at Honours, Master and PhD students from Western Health staff and Deakin University, especially in relation to the Centre's research priority areas. Attract post-doctoral fellows to our center for metoring (Deakin Post Doctoral Felleow ship, NHMRC Clinical Research Fellowship) Consolidation of a research program in chronic and complex condition aligned with the

Long	Term Goals 3 years (36 months)	Measured by
•	Conduct programmatic research that makes a substantive contribution to patient and career engagement and experiences, best and safe clinical nursing practice, health service and delivery;	International recognised research program in chronic and complex conditions aligned with the Centre's three research priority areas. (use of technologies in management of these conditions)
•	Provide mentorship and training to clinicians in research appraisal, implementation of research into practice and research methods;	Attract high-calibre researchers into our mentorship program and link into our research collaboration.
		Expansion of research capacity by increase staff numbers and consultancies activities.
		Provide a full program of research training for clinical and academic staff, especially nurses at WH.
•	Consolidate interdisciplinary and international research collaborations in chronic and complex conditions.	Lead a multidisciplinary collaborative research program between WH and primary health care to better service and health outcomes for people with chronic and complex conditions in the Western part of Victoria

Documents underpinning Nursing Research Strategy 2021-2023 Victoria Health Western Deakin 2030 Ideas Western Health Australian Western Health Western Health Research Priority Health to Impact: Strategic Nursina & Australian Government Commission for Nursing Research Road Map 2015-2020 Framework 2012-Strategic Plan Plan Midwiferv Research Priority Quality and Safety Centre Domain of 2022 2015-2020 Strategic in Health Care (New road map in progress) Practice Centre for QPS Workforce Plan Metropolitan Research Health Plan 2019-2021 Strategic direction is: To Key strategic become a leader in translational **National Safety and** aims: and health services research. Seven priority having impact locally and **Quality Health** Growing and areas sharing our learnings globally **Services Standards** Research and Four research priorities: improving the Priority research areas based Innovation developing a delivery of Research Governance for on community profile: 1. Better models of health system that is safe, high Safety and Quality • Excellence in care and services that Growing and responsive to in Health services quality care • The focus area is a · Growing and research and improve outcomes, improving the people's needs substantial health burden for Organisations innovation improving the reduce disparities for · Connecting the delivery of safe. the people of the west of delivery of safe, disadvantaged and improving every Partnering with care provided Realising talent high quality Melbourne high quality vulnerable groups, Victorian's health to our nursing care Consumers nursing care increase efficiency and status and Partnerships for community Translating research provide greater value for Translation of Preventing and experiences impact breakthroughs in these focus Connecting the a given expenditure. Controlling Communicatin research areas would enable new care provided to expanding Industry precincts Healthcare g with our evidence/best ways of managing and our community 2. Improved prediction, service, Associated patients, our practice guidelines enhancing the care of our identification, tracking. Innovation to impact workforce and partners and to relevant area of Infections Communicating patients prevention and system capacity each other with with our patients, practice Research management of emerging Medication Safety transparency • The focus area relates to our partners & transformation Increasing the local and regional health Leading and and purpose issues of growing significance each other with Clinical Handover system's financial threats. participating in due to rapid changes in the transparency & Centre for Quality sustainability and Being socially collaborative communities we serve · Blood and Blood purpose 3. Better health outcomes and Patient Safety productivity responsible research programs for Indigenous people. Products and using · Western Health is well placed · Being socially in nursina Patient Experience implementing with strategies for both to undertake research on resources responsible & Preventing and urban and regional continuous · Build staff capacity Patient Safety sustainably these focus areas as they using resources Managing communities. improvements by supporting affect substantial numbers of sustainably Pressure Injuries and innovation Health Workforce Valuing and research our patients or affect a 4. Effective technologies for empowering Valuing & · recognising and smaller number of patients in individuals to manage increasing Research our people Institute for Health Responding to empowering our a profound and complex way. their own health care, for accountability dissemination Transformation people Clinical Areas of Focus: example, using mobile and transparency Deterioration in Student apps, remote monitoring

Acute Care

Falls

Preventing Falls

and Harms from

and online access to

therapies.

· utilising e-health

technology.

communications

and

Chronic and Complex Illness

· Women's and Children's

Health and WellbeingHealth Service Delivery

Cancer

(in development to be

2021)

finalised in March-April

supervision