



Te Wāhanga Rangahau Tapuhi (Nursing Research Section - NRS), NZNO

Bi-monthly news bulletin

Paraire/ Friday, 31 March 2023

Paanui (news)

Nau mai haere mai ki te Wāhanga Rangahau Tapuhi paanui.

Welcome to the NZNO Research Section newsletter. On behalf of the NRS committee we warmly welcome you to our January newsletter, linking education and research in nursing.

Social Media

Visit and follow us on Pae Tihau ([Twitter](#)) and/ or Pukumata ([Facebook](#))

Aōtearoa New Zealand health research

Double milestone for Ara - Te Pukenga first Master of Nursing | [Voxy.co.nz](#)

When Brigid Sinclair observed nurses working in a small-town practice while on study placement, she knew she wanted the best possible. [Read more](#)

Pacific health researcher, nurse and dancer Suli Tuitaupe

Suli Tuitaupe is an award winning doctoral public health researcher - whose dance videos during COVID-19 lockdowns went viral. [Read more](#)

Conversion practice survivors needed for pioneering research

Conversion practice survivors are needed to contribute to pioneering research to better understand the harm caused by the practices and how to best support survivor recovery. [Read more](#)

\$1m In Cure Kids Funding To Enable Nine Research Projects Tackling Pressing Child Health Issues In New Zealand (NZ)

Cure Kids, the largest charitable funder of child health research in NZ, recently announced funding for nine new research projects designed to improve health outcomes for tamariki. After receiving a record number of applications, and completing Cure Kids, the largest charitable funder of child health research. [Read more](#)

Study to investigate lower vaccination rates and barriers for Māori pēpi

Researchers hope to boost the number of pēpi Māori under 6 months old being immunised by learning more about barriers to accessing primary health care, thanks to Cure Kids funding. [Read more](#)

The arrival of *Candida auris* in Aotearoa NZ

The first case of a potentially lethal and difficult-to-contain fungal infection has been reported in New Zealand. François Olivier and colleagues outline measures that should be taken to stop infections spreading through New Zealand's hospitals and rest homes. [Read more](#)

A tohu (*sign*) to open our eyes to the realities of Indigenous Māori registered nurses: A qualitative study

Komene, E., Gerrard, D., Pene, B., Parr, J., Aspinall, C., & Wilson, D. (2023).

Journal of Advanced Nursing, 00, 1– 12. <https://doi.org/10.1111/jan.15609>

Identify the experiences of Māori nurses and priorities for a Māori model of relational care working with Māori patients and their whānau (extended family network) in acute hospital services.

Background

Māori, the Indigenous peoples of Aotearoa/ NZ, have a relational and holistic worldview fundamental to establishing relationships with Māori patients and their whānau. Increasing the Indigenous Māori nursing workforce can improve Māori patient experiences but is challenged by ongoing recruitment and retention issues. [Read more](#)

General

Nurses need to change how they think about health literacy, says nurse researcher

'In public health we tend to tell people what to do,' says Kristina Jenei, former nurse turned researcher who is working with the World Health Organization to support access to medicines and healthcare. [Read more](#)

Nurse Scientists helping hospital nurses learn to do research

Nurse scientists are increasingly being hired by hospitals "to help bedside nurses advance their careers, providing the education, training and support they need to conduct research, present their findings at national conferences and get published in peer-reviewed journals."

[Read more](#)

New report finds psychiatric-mental health nurses are key to addressing the nation's mental health crisis

A new report released by the American Psychiatric Nurses Association (APNA) states that, "expanding psychiatric nurses' numbers and roles will help solve the twin dilemmas of rising mental health/substance use disorder (SUD) and fewer mental health professionals." [Read](#)

[more](#)

Data

Navigating statistics for successful project implementation

American nurse

Don't let lack of statistics knowledge keep you from engaging in projects to improve patient care. [Read more](#)

The article below is not freely available but may be sourced via the NZNO library or those of a DHB or educational institution

'Statistical significance' in research: wider strategies to meaningfully interpret findings.

Lynch J, Ramjan L, Glew P et al (2020)

Nurse Researcher. doi: 10.7748/nr.2020.e1745

Background The P-value is frequently used in research to determine the probability that the results of a study are chance findings. A value less than 0.05 was once typically considered only to mean that results are 'statistically significant', as it indicates the chance they are false positives is less than one in 20 (5%). However, $P < 0.05$ has transcended into meaning a study has had positive findings and its results are true and meaningful, increasing the likelihood it will be published. This has led to researchers over-emphasising the importance of the P-value, which may lead to a wrong conclusion and unethical research practices.

Aim To explain what the P-value means and explore its role in determining results and conclusions in quantitative research.

Disseminating research

Visual abstracts maximize interest and impact

Shannon S. Layton, Stephanie Hammond,; Cori C. Johnson,; and David James, American nurse, November 2022

Disseminating scholarly work (*research, quality improvement projects*) is critical to affecting change. You want your work to have as much impact as possible, whether in the form of a presentation or an article. Your capacity to impact positive change can increase exponentially when you maximize exposure to your work using innovative strategies that promote it and widen your audience. Visual abstracts, for example, are a proven tool for sharing information about your implementation or research projects. According to Ibrahim, a prospective case-control crossover study that analysed views, retweets, and engagement on a social media platform showed that visual abstracts had 3.5 times more engagement than sharing key figures and 5 times more engagement than sharing article citations. [Read more](#)

Engaging nurses with research

Registered Nurses' experiences of reading and using research for work and education: a qualitative research study

Hines, S., Ramsbotham, J. & Coyer, F.

BMC Nurs 21, 114 (2022). <https://doi.org/10.1186/s12912-022-00877-3>

Considerable resources have been expended, both in universities and health workplaces to improve nurses' abilities to interact with research and research literature to enable their engagement with evidence-based practice. Despite these efforts, a considerable number of nurses experience difficulty with research literature and are reluctant to use it in practice.

Aims

This study aimed to explore the experiences and perceptions of Registered Nurses when they have been required to read and understand research literature for work or education.

[Read more](#)

Barriers to Research Utilization in Nursing: A Systematic Review (2002–2021)

Jabonete FGV, Roxas REO.

SAGE Open Nursing. January 2022. doi:[10.1177/23779608221091073](https://doi.org/10.1177/23779608221091073)

There is an existing gap between what people learned from theory and what they clinically practiced, as revealed in research studies in nursing. This gap is primarily due to identified barriers in utilizing the research findings in actual nursing practice.

Objective

To present a scientific mapping of the Scopus-indexed literature published from 2002 to 2021, which studied barriers to research utilization in nursing using the BARRIER scale. [Read more](#)

A theory-based research literacy intervention for nurses: a pilot study

Hines, S, Ramsbotham, J, Coyer, F.

Nurs Forum. 2022; 57: 1052- 1058. doi:[10.1111/nuf.12780](https://doi.org/10.1111/nuf.12780)

Objectives

Difficulties with understanding research literature can lead to nurses having low engagement with evidence-based practice (*EBP*). This study aimed to test the feasibility of an education intervention using an academic literacies approach to improve nurses' research literacy.

Research utilization

Younas, Ahtisham MN, RN

Nursing Management (Springhouse): April 2022 - Volume 53 - Issue 4 - p 41-45 doi: 10.1097/01.NUMA.0000771764.66437.c7

Research utilization (*RU*) is a process of “transforming research knowledge into practice,” with knowledge referring to both conducting and analysing research.

1 It enables nurses to improve patient care by informing practice on interventions that may no longer be useful.

2-4 Despite the clinical and practical importance of research, studies have indicated that nurses seldom use it to guide practice. Instead, they rely on personal experience, peer support, and trial and error.

5,6 This may be attributed to several organizational, educational, and individual barriers, as well as a lack of facilitators enabling *RU*.7 [Read more](#)

Building research capacity and culture: Exploring nurses' experience of implementing a nurse-led clinical trial

O'Brien, C., Furlong, E., Coughlan, B., Fox, P., & Darley, A. (2022).

Journal of Nursing Management, 30(4), 1002– 1010. <https://doi.org/10.1111/jonm.13576>

To explore the experiences of a nursing team who implemented an international nurse-led clinical trial in practice and understand the facilitators to their involvement.

Background

The role and responsibilities of the clinical nurse are advancing to encompass research activity to help inform evidence-based practice. However, several personal and organisational challenges can inhibit nurses' capacity to implement and undertake research within clinical practice. [Read more](#)

[Maori and Pasifika research](#)

A new workshop for Māori researchers - in Wellington for the first time

Media SAVVY for Māori researchers is a fees-free workshop aimed at increasing the visibility of Māori researchers and the impact of their work in both mainstream and Māori media outlets. The next available workshop is in Wellington on 17-18 August. [Read more](#)

[Participant/ patient recruitment](#)

The article below is not freely available but may be sourced via the NZNO library or those of a DHB or educational institution

Use of Comprehensive Participatory Planning and Evaluation in Rural Patient Engagement

Geary CR, Hill JL, Eilers J, et al.

Western Journal of Nursing Research. March 2021. doi:[10.1177/0193945921994915](https://doi.org/10.1177/0193945921994915)

Comprehensive participatory planning and evaluation (CPPE), a model used in community engagement research, has not been applied to patient engagement in research. We describe our methodology and interim results using CPPE in a project focused on improving research engagement of rural and distant patients and stakeholders. Specifically, we describe our development of a causal map and the subsequent use of the map to guide patient and stakeholder-driven evaluation.

[Professional development](#)

Peer review: A tool for career growth

Saver, Cynthia. *American Nurse (Online)* November 2022

It's a huge understatement to say nurses are busy, so why should you add to your workload by becoming a peer reviewer? That question can be answered at the macro and micro levels. [Read more](#)

The articles below are not freely available but may be sourced via the NZNO library or those of a DHB or educational institution

A Place for the Professional Introduction in Practice

Henneman, Elizabeth A.; Burke, Mary Ellen A.; LeBlanc, Raeann et al

JONA: The Journal of Nursing Administration: January 2021 - Volume 51 - Issue 1 - p 9-11
doi: 10.1097/NNA.0000000000000959

This article describes a survey exploring the use of professional introductions by nurses. For this project, a survey inquiring about introduction practices was administered to nurses attending a regional research conference.

[Research based practice](#)

A theory-based research literacy intervention for nurses: a pilot study

Hines, S, Ramsbotham, J, Coyer, F.

Nurs Forum. 2022; 1- 7. doi:[10.1111/nuf.12780](https://doi.org/10.1111/nuf.12780)

Difficulties with understanding research literature can lead to nurses having low engagement with EBP. This study aimed to test the feasibility of an education intervention using an academic literacies approach to improve nurses' research literacy. [Read more](#)

Research design and methods

Introduction to qualitative nursing research

This type of research can reveal important information that quantitative research can't. [Read more](#)

Are you confident about confidence intervals?

The term confidence interval (CI) can be confusing partly because it differs from the commonly known p value. But with practice and an understanding of what its analysis demonstrates, interpreting the CI gets easier. Type I errors (*in which the researcher concludes that a difference exists between the value of the parameter and some other value of interest when none actually exists*) frequently are addressed by significance levels, which traditionally are set at a p value of 0.05 or less. This significance level indicates there are 5 chances in 100 that the finding of a difference is incorrect. A calculated p value less than 0.05 indicates fewer than 5 in 100 chances that the finding is incorrect. [Read more](#)

Is Action Research just about telling a good story?

Casey, M., Coghlan, D., Carroll, A., & Stokes, D. (2022).

Journal of Advanced Nursing, 78, e46– e48. <https://doi.org/10.1111/jan.15108>

Patient participation demands greater attention from healthcare providers and researchers to ensure that the voice of vulnerable people is heard in a system that was originally designed to accommodate the needs of healthcare professionals. [Read more](#)

Differentiating research, evidence-based practice, and quality improvement

Research, EBP, and quality improvement support the three main goals of the Magnet Recognition Program® and the Magnet Model component of new knowledge, innovation, and improvements. The three main goals of the Magnet Recognition Program are to:

1. Promote quality in a setting that supports professional practice
2. Identify excellence in the delivery of nursing services to patients or residents and
3. Disseminate best practices in nursing services. [Read more](#)

Guidelines as governance: Critical reflections from a documentary analysis of guidelines to support user involvement in research

Stuhlfauth, S, Knutsen, IR, Foss, IC.

Nurs Inq. 2020; 00:e12378. <https://doi.org/10.1111/nin.12378>

Although guidelines to regulate user involvement in research have been advocated and implemented for several years, literature still describes the process as challenging. In this qualitative study, we take a critical view on guidelines that are developed to regulate and govern the collaboration process of user involvement in research. We adapt a social constructivist view of guidelines and our aim is to explore how guidelines construct the perception of users and researchers and thus the process of involvement. Twenty-two guidelines published between 2006 and 2019 were analysed iteratively. The analysis focuses on values which are emphasized in the guidelines on the distribution of entities, knowledge, and tasks between users and researchers. The analysis indicates that users and researchers are constructed differently; researchers are mainly constructed as responsible initiators and caretakers, while users are constructed as powerless and vulnerable. The guidelines portray the collaboration process as harmonious and assume a normative perspective. In doing so, challenges described in the literature related to power imbalances are not addressed. Based on these findings, we ask if these guidelines might function to maintain existing power imbalances between users and researchers. [Read more](#)

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Getting the methods right: Challenges and appropriateness of mixed methods research in health-related doctoral studies.

McKenna, L., Copnell, B. and Smith, G. (2021),
J Clin Nurs, 30: 581-587. <https://doi.org/10.1111/jocn.15534>

Aims

To examine issues around the use of mixed methods research in doctoral research in nursing and healthcare. We raise questions around challenges and appropriateness of this type of research methodology for doctoral students.

Background

In recent years, mixed methods research has grown rapidly in health-related research. As an emerging research methodology, mixed methods research has much to offer doctoral researchers in health care who increasingly are faced with complex research issues. However, despite evolving as a research paradigm, researchers from both qualitative and quantitative perspectives have hotly debated application of mixed methods approaches. The body of supporting knowledge underpinning mixed methods research continues to grow and become refined. Evolving complexities pose new challenges for newly-enrolled doctoral students.

Undertaking research

Undertaking a scoping review: A practical guide for nursing and midwifery students, clinicians, researchers, and academics.

Pollock, D, Davies, EL, Peters, MDJ, et al.
J Adv Nurs. 2021; 77: 2102– 2113. <https://doi.org/10.1111/jan.14743>

The aim of this study is to discuss the available methodological resources and best-practice guidelines for the development and completion of scoping reviews relevant to nursing and midwifery policy, practice, and research. [Read more](#)

Series of JBI videos

How to conduct a SR of measurement properties

The recording of Dr Matthew Stephenson's presentation to JBI's Postgraduate Research Degrees students on how to conduct a systematic review of measurement properties is now available on YouTube. [View here](#)

Science communication: How to disseminate and promote research (JBI)

Bianca Pilla's presentation to JBI's Postgraduate Research Degrees students provides tips for sharing research on social media, through science blogs and via video. Real-world examples of successful digital media campaigns are presented. [Watch here](#)

Writing your PhD thesis: Getting started

Dr Ashley Whitehorn presents to JBI's Postgraduate Research Degree students on how to get started writing their PhD thesis. Dr Whitehorn shares tips for success such as Hugh Kearns' "2 Golden Hours" and traps such as procrastinating. [Watch here](#)

General articles of interest

Components of Culturally Tailored Interventions

Im, Eun-Ok PhD, MPH, RN, CNS, FAAN; Chee, Wonshik PhD

Advances in Nursing Science: April/June 2021 - Volume 44 - Issue 2 - p 123-135 doi: 10.1097/ANS.0000000000000340

The purpose of this article is to propose essential components of culturally tailored interventions through analyzing practical issues in 3 studies that tested culturally tailored interventions among Asian American women. Practical issues in the studies were analyzed using a content analysis according to the evaluation criteria for rigor in cross-cultural research. Seven essential components of culturally tailored interventions were identified through the analysis

- a. respecting cultural uniqueness
- b. understanding cultural contexts
- c. using cultural examples
- d. having flexibility
- e. adopting multiple languages
- f. having bilingual and/ or culturally matched research team members and
- g. engaging community consultants and research participants. [Read more](#)

Examining characteristics of descriptive phenomenological nursing studies: A scoping review

Shorey, S. & Ng, E. D. (2022).

Journal of Advanced Nursing, 00, 1– 12. <https://doi.org/10.1111/jan.15244>

To evaluate the characteristics and methodology consistency in nursing research with descriptive phenomenological design. [Read more](#)

Citation analysis on the research frontiers and evolution of enhanced recovery after surgery

Wu, Y., Li, Y., Che, L., Du, X., & Jin, X. (2022).

Journal of Nursing Management, 30(3), 827– 835. <https://doi.org/10.1111/jonm.13541>

Aims

To evaluate the research frontiers and evolution laws in the field of enhanced recovery after surgery (ERAS) and to predict the next direction of development.

Background

In recent years, the clinical applications of ERAS have been widely recognized by the medical community. Nursing work is present throughout the entire process, and nurses not only play a role in multidisciplinary coordination but also maintain independent professional characteristics. [Read more](#)

A research agenda for promoting continence for people living with dementia in the community: Recommendations based on a critical review and expert-by-experience opinion

Burholt, V., Davies, J., Boyd, M., Mullins, J.M., Shoemark, E.Z. and (2020),

J Clin Nurs. <https://doi.org/10.1111/jocn.15537>

To identify research undertaken in the last decade addressing continence for people living with dementia (PLWD) in the community. To highlight gaps and develop recommendations for future research, taking into account the experiences and priorities of PLWD, caregivers and healthcare professionals. [Read more](#)

Institutional procedural discrimination, institutional racism, and other institutional discrimination: A nursing research example

Lim, S., Boutain, D. M., Kim, E., Evans-Agnew, R. A., Parker, S., & Maldonado Nofziger, R. (2021).

Nursing Inquiry, e12474. <https://doi.org/10.1111/nin.12474>

Institutional discrimination matters. The purpose of this longitudinal community-based participatory research study was to examine

- institutional procedural discrimination
- institutional racism,
- other institutional discrimination
- their relationships with participants' health during a maternal and child health program in a municipal initiative.

Twenty participants from nine multilingual, multicultural community-based organizations were included.

- Overall reported incidences of institutional procedural discrimination decreased from April 2019 (18.6%) to November 2019 (11.8%) although changes were not statistically significant and participants reporting incidences remained high (n = 15 in April and n = 14 in November).
- Participants reported experiencing significantly less “[when] different cultural ways of doing things were shared, the project did not support my way” from April 2019 (23.5%, n = 4) to November 2019 (0%, n = 0), Wilcoxon signed-rank test $Z = -2.00$, $p < 0.05$.
- Some participants reported experiencing institutional racism (29.4%, n = 5) and other institutional discrimination (5.9%, n = 1).
- Participants experiencing institutional racism, compared to those who did not, reported a higher impact of the Initiative's program on their quality of life ($t = 3.62$, $p < 0.01$).
- Participatory survey designs enable nurse researchers to identify hidden pathways of institutional procedural discrimination, describe the impacts experienced, and examine types of institutional discrimination in health systems. [Read more](#)

Qualitative research on end-of-life communication with family carers in nursing homes: A discussion of methodological issues and challenges

Gonella, S, Di Giulio, P, Palese, A, Dimonte, V, Campagna, S.

Nursing Open. 2020; 00: 1– 11. <https://doi.org/10.1002/nop2.617>

To identify and summarize the challenges of conducting qualitative research exploring end-of-life communication between healthcare providers and bereaved family carers in nursing homes. [Read more](#)

Consultation

NZNO consults with members on a range of issues. The full outline can be [found here](#).

The above bulletin has been compiled by Linda Stopforth, SNIPS, on behalf of Nursing Research Section NZNO.

It is provided on the last Friday of every second month and contains an overview of news items, articles and research papers of interest to the Section members.

All links are current at the time of being compiled and distributed.

For feedback please contact your section administrator: nzno.nrs@gmail.com

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