



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

Bi-monthly news bulletin Mei (May) 2022

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](#))

Like and follow us on Pukumata ([Facebook](#))

Aōtearoa New Zealand

Māori health advocate to lead global body

A Māori public health advocate and researcher has become the first indigenous woman appointed to the leadership of the World Federation of Public Health Associations (WFPHA).

[Read more](#)

Asthma study offers 'world-first results'

A fixed-dose 2 in 1 combination of salbutamol and budesonide, used as an as-needed rescue medicine, has been shown for the first time to significantly reduce the risk of severe asthma attacks. [Read more](#)

International student market unlikely to recover quickly, agents warn

Education agents warn that foreign students are not queuing up to return to New Zealand next year. [Read more](#)

Southland scientist takes on challenge of tying science to te ao Māori

Scientist Dr Theresa Pankhurst is embarking on a journey through te ao Māori, but she's expecting to come across spiritual and emotional challenges along the way. [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

Establishing a database of patients with diabetes and an interest in research participation

Ry Yves Tweedie-Cullen, Audrey Tay, Yiping Zou, Rebecca Brandon, Ryan Yeu, Stacey Ruru, Holly Carmichael, Ole Schmiedel, Rinki Murphy
NZ Medical Journal Vol 135 No 1554: 6 May 2022

Patient involvement in research and medical student training is increasingly recognised as the cornerstone of effective treatment regimens and healthcare service delivery.

Clinical research

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*, 1– 9. <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. [Read more](#)

Culture, cognisance, capacity and capability: The interrelationship of individual and organisational factors in developing a research hospital. Oulton, K., Wray, J., Kelly, P., Khair, K., Sell, D. and Gibson, F. (2022), *J Clin Nurs*, 31: 362-377. <https://doi.org/10.1111/jocn.15867>

Aim

To share our experience of implementing a programme of interventions aimed at building research capacity and capability of nurses and allied health professionals in a specialist children's hospital.

Background

Clinicians at the forefront of care are well positioned to lead on research to improve outcomes and experiences of patients but some professional groups continue to be underrepresented. Inequities persist alongside robust national infrastructures to support Clinical Academic Careers for non-medical health professionals, further highlighting the need to address local infrastructure and leadership to successfully build research capacity.

[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

Effects of a blended emergent research training programme for clinical nurses on nursing research competence and critical thinking (Part 2): A quasi-experimental study. Chen, Q., Tang, S., Liu, D., Zhou, C., Castro, A. R., Jiang, S., Huang, C., & Chen, J. (2022). *Journal of Clinical Nursing*, 31, 755– 769. <https://doi.org/10.1111/jocn.15934>

Aims and objectives

To evaluate the effects of a blended emergent research training programme for clinical nurses on research competence and critical thinking.

Background

With the development of the nursing discipline and evidence-based nursing practice, nursing research competence is increasingly important for clinical nurses. Current nursing research training programmes cannot meet the needs of clinical nurses.

Promoting cardiovascular nursing practice and research: A model for a university joint appointment. B. Lauck, S., E. Thorne, S., M. Saewyc, E., Heppell, L., Black, A.T. and A. Virani, S. (2022), *J Clin Nurs*, 31: 311-317. <https://doi.org/10.1111/jocn.15588>

University joint appointments promote continuity of academic leadership and the acceleration of nurses' impact on improved outcomes and health service delivery. The role of university-appointed and hospital-located nurse scientists is of growing interest in the academic and clinical settings, and within the nursing profession. There is a pressing need

to describe and study models of appointments, responsibilities and contributions to strengthen the integration of this boundary-crossing role across the continuum of the nursing profession.

Aims and Objectives

We report on the implementation of the inaugural St. Paul's Hospital and Heart & Stroke Professorship in Cardiovascular Nursing at the University of British Columbia, Vancouver Canada.

Covid Research

Pandemic-Era Research Will Pay Off for Years

By [Britt Glaunsinger](#) Scientific American, March 1, 2022

The COVID research infrastructure will help fight all sorts of pathogens

[Read more](#)

Reflections on nursing research focusing on the COVID-19 pandemic.

Jackson, D. (2022),

J Adv Nurs. <https://doi.org/10.1111/jan.15281>

The COVID-19 pandemic has consumed nursing for more than 2 years now. Nurses have been and remain at the heart of the response to the pandemic—nurses are central to preventative, curative and palliative activities associated with COVID-19, and have taken these roles on in addition to their usual roles. [Read more](#)

Characteristics of early-career nurse researchers negatively impacted during the COVID-19 pandemic: a cross-sectional study.

Kazawa K, Shimpuku Y, Yoshinaga N

BMJ Open 2022;12:e059331. doi: 10.1136/bmjopen-2021-059331

Objectives This study aimed to identify typical patterns and determinants of early-career nurse researchers (ECNRs: age ≤45 years) who reported that their research activities were negatively impacted during the COVID-19 pandemic, using a data mining methodology. To gain a deeper understanding of the characteristics of these ECNRs, we compared them with the characteristics of senior nurse researchers (SNRs: age ≥46 years). [Read more](#)

Delivering Covid-19 research during the UK pandemic: Experiences of a local research taskforce.

Gardiner, S., & MacLellan, J. (2022).

Journal of Advanced Nursing, 78, 1402– 1412. <https://doi.org/10.1111/jan.15103>

During the COVID-19 pandemic in the UK, clinical research nurses had to work in new ways and under significant pressure to generate evidence for the developing health crisis. Research nurse support needs, personal and professional challenges have not been explored. This study addresses that gap, generating learning for continued support and development of the research nurse speciality and its ability to respond to public health priorities. [Read more](#)

A bibliometric analysis of COVID-19 publications in nursing by visual mapping method.

Çiçek Korkmaz, A., & Altuntaş, S. (2022). Journal of Nursing Management, 1– 11. <https://doi.org/10.1111/jonm.13636>

Aim

This study conducted a bibliometric analysis of nursing publications on the COVID-19 between 1 January 2020, and 24 October 2021.

Background

COVID-19 has been a hot research topic that has attracted many researchers from various disciplines. One of the ways to combat the COVID-19 pandemic is to produce knowledge and present it with a holistic approach. Therefore, it is crucial to make bibliometric and content analyses of scientific publications. Scientific data should be evaluated to keep up

with the developments in the nursing profession and practices during the COVID-19 pandemic. [Read more](#)

Data

Research 101: Descriptive statistics

Use these tools to analyze data vital to practice-improvement projects. [Read more](#)

Use data to drive empirical outcomes

January 7, 2022 American nurse

Author(s): Christie Tomaseski,

Follow the evidence to improve satisfaction and efficiency.

Takeaways:

Using operating room first case on-time start data can help drive satisfaction and efficiency . Transparency and communication of process outcome data promotes positive empirical outcomes. [Read more](#)

Behind every great research project is great data management.

Kanza, S., Knight, N.J. *BMC Res Notes* **15**, 20 (2022). <https://doi.org/10.1186/s13104-022-05908-5>

Research data management (RDM) is the cornerstone of a successful research project, and yet it often remains an underappreciated art that gets overlooked in the hustle and bustle of everyday project management even when required by funding bodies. If researchers are to strive for reproducible science that adheres to the principles of FAIR, then they need to manage the data associated with their research projects effectively. It is imperative to plan your RDM strategies early on, and setup your project organisation before embarking on the work. There are several different factors to consider: data management plans, data organisation and storage, publishing and sharing your data, ensuring reproducibility and adhering to data standards. Additionally it is important to reflect upon the ethical implications that might need to be planned for, and adverse issues that may need a mitigation strategy. This short article discusses these different areas, noting some best practices and detailing how to incorporate these strategies into your work. Finally, the article ends with a set of top ten tips for effective research data management. [Read more](#)

Sharing and reuse of health-related data for research purposes: WHO policy and implementation guidance

The purpose of this document is to clarify the policy and practice on the reuse and onward sharing for research purposes of health data collected under the auspices of WHO technical programmes. This covers use in both emergency and non-emergency situations and complements the following: the Policy on use and sharing of data collected in Member States by the World Health Organization (WHO) outside the context of public health emergencies; the Policy statement on data sharing by the World Health Organization in the context of public health emergencies; and the Joint statement on public disclosure of results from clinical trials. This policy covers the reuse of health data for research purposes. Its scope includes research data generated by research undertaken directly by WHO, or funded by WHO, as well as the use of other health data for research purposes.

This document sets out the objectives of this WHO policy and the obligations of WHO staff and researchers funded by WHO. The following section of this document entitled Guidance on the implementation of the WHO policy on the sharing and reuse of health-related data for research purposes provides further references and resources to assist in the development of a data management and sharing plan that is in alignment with the vision of this policy.

[Read more](#)

Better, broader, safer: using health data for research and analysis

“The (UK) government commissioned Ben Goldacre to deliver this report into the use of health data for research and analysis... This report shows that we need to be as thoughtful as we are innovative, guided by safe ethical frameworks for providing access to data, as well as systems that ensure under-represented groups are well represented. It also makes clear that we have all the building blocks we need for success, including an unrivalled wealth of experience in using health data. However, it also shows areas where we must boost our capability and capacity if we are to reach our full potential.” Source: Department of Health & Social Care (UK) [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

Visual Elicitation, Methods for Enhancing the Quality and Depth of Interview Data in Applied Qualitative Health Research

Orr, Elizabeth R. MSc; Ballantyne, Marilyn PhD; Gonzalez, Andrea PhD; Jack, Susan M. PhD

Advances in Nursing Science: July/September 2020 - Volume 43 - Issue 3 - p 202-213 doi: 10.1097/ANS.0000000000000321

Generating rich data from interviews for a qualitative study can be difficult to operationalize; especially when difficulties establishing rapport, power imbalances, and participant factors threaten the interview process and quality of data. The aim of this methods article is to (a) discuss the value of incorporating visual elicitation tools or tasks within semistructured or in-depth qualitative interviews to enhance the depth of data generated and (b) provide a specific example of how this is planned and executed within the context of an applied qualitative health research study

Misclassification and measurement error – planning a study and interpreting results.

Frost SA, Alexandrou E (2021)

Nurse Researcher. doi: 10.7748/nr.2021.e1765

Background Measurement error must always be considered when planning a research project and interpreting its results. The accuracy of some data collected during a study can often be confidently assured, but more than one measurement or observer is needed to assess exposure and outcomes status in cases where clinical measurement is prone to measurement error. Little attention is paid in nursing research to misclassification and measurement error. Bias is often discussed in nursing research education, but not its potential consequences or measures that can be taken to improve the study's quality. Aim To present examples of random measurement error – misclassification of a binary outcome – in a continuous exposure and outcomes variable, to address this gap in nurses' research training.

The pros and cons of using photographs in nursing research.

Edmondson A, Pini S (2019)

Nurse Researcher. doi: 10.7748/nr.2019.e1620

Background Traditional approaches to research can sometimes face difficulties in engaging participants, being flexible and ultimately eliciting data about people's experiences. Visual methods are alternative approaches that use image – often photographs – as stimuli or structure in interviews. However, little has been published in the literature to guide nurse researchers in applying and evaluating these methods.

Aim To increase nurse researchers' awareness of visual methods and their potential.

[Putea and koha \(Grants and Funding\)](#)

Funding to enable community-led research by Māori, for Māori

The Health Research Council of New Zealand is making research funding more accessible to Māori communities, with the upcoming launch of the redesigned Ngā Kanohi Kitea Community Advancement Fund.

All details and application forms will be available soon on the HRC's funding portal – [HRC Gateway](#)

HRC Career Development Awards opening soon

The dates for applying for our 2023 Career Development Awards - General, Māori and Pacific categories - are available below. All the information that you will need to apply for these awards will be available on HRC Gateway on the open date.

HRC Gateway is the Health Research Council of New Zealand's portal for funding applications, current research contracts' reporting, and peer reviews from invited experts. [Read more](#)

HRC funding calendar

Here you'll find the upcoming opening and closing dates for our various funding opportunities.

As COVID-19 continues to cause disruption for health research and researchers, the HRC is reviewing application dates for 2022. The 2023 Career Development Awards (Māori, Pacific and General), Projects, Programmes, Emerging Researcher First Grants and Explorer Grants will open in the 2022 calendar year with similar timeframes to those in the 2021 calendar year. The exact dates for each round will be confirmed at least 6 weeks in advance of the opening date. As individual rounds are confirmed, dates will be added here and listed in Update, the HRC's fortnightly e-newsletter. [Read more](#)

Motu Scholarships

Motu Research currently provides:
the **Motu Doctoral Scholarship**
the **Āheitanga Thesis Scholarship**
the **Sir Frank Holmes Prize**.

[Learn more here](#)

[Research publications](#)

Infectious Diseases Research Review

Issue 27

In this issue I have included three testing technology papers, in the spirit of scanning for new developments. COVID-19 has accelerated beyond all expectations the role of rapid, point of care and self-testing. The public has voted with its feet, wanting timely results.

Other highlights in this review include:

Intervention for reducing antibiotics for UTIs in nursing homes

Single- vs. multisite sampling for blood cultures

Prevalence, characteristics and outcomes of ED-discharged sepsis patients

[Read more](#)

Māori Health Review

Issue 96

Welcome to Issue 96 of Māori Health Review.

In this issue, we feature a report from the Prime Minister's Chief Science Advisor presenting recommendations for tackling infectious disease and antimicrobial resistance in New Zealand. Tackling infectious disease and antimicrobial resistance requires kotahitanga – unity, togetherness – across human, animal, plant, and environmental health. [Read more](#)

Child Health Research Review

Issue 16

Highlights include:

Topical corticosteroid and home-based narrowband UVB for vitiligo

Delayed antibiotic prescription for children with respiratory infections

Nirsevimab for prevention of RSV in healthy infants

[Read more](#)

Geriatrics Research Review

Issue 13

Highlights in this review include:

Development of an electronic frailty score

Advance care planning documentation during the COVID-19 pandemic

Bisphosphonate therapy reduces long-term risk of fractures in osteoporosis

[Read more](#)

GP Research Review

Issue 191

In a UK study we learn that faecal immunochemical tests are a highly sensitive tool for identifying patients at higher risk of colorectal cancer presenting to primary care with lower risk symptoms.

Other highlights in this review include:

Levonorgestrel-releasing intrauterine system as maintenance for endometriosis

Low-dose aspirin for prevention of recurrent spontaneous preterm labour

Cardiovascular risk reduction with icosapent ethyl

[Read more](#)

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 each 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

Kai Tiaki Nursing Research

This is an annual subscription only journal, which has showcased New Zealand nursing research since June 2010. Kai Tiaki Nursing Research is an internationally double blinded peer reviewed research journal. It publishes original, full length research manuscripts from New Zealand based nurse researchers (or other researchers where the research can be shown to have relevance to nursing in New Zealand). [Further information can be found here](#)

Patricia McClunie-Trust, Editor-in-Chief of Kai Tiaki Nursing Research encourages nurses to submit manuscripts to the Journal, particularly:

- new and emerging researchers
- established researchers
- clinicians who have undertaken research-based projects

Consultation

NZNO consults with members on a range of issues.

The full outline can be [found here](#)

Kei hea te SNIPS? (Where to find SNIPS)



Pukumata (Facebook) – [Snips Info](#)

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Stop4th Nursing Information Provision Service

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