



Nursing Research Section, NZNO
Monthly news bulletin
Friday, 25 September 2020

Section news

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

Kai Tiaki Nursing Research 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, and
- clinicians who have undertaken research-based projects

Social Media Visit and follow us on [Twitter](#), and like/ follow us on [Facebook](#)

Consultation

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

Primary Maternity Services Notice Review 2021 – Health Professionals

NZNO warmly invites your feedback on Ministry of Health's proposed changes to the Primary Maternity Services Notice. The changes are being made to increase the flexibility of community maternity services to better meet the varied needs of women and their whānau.

Structural and administrative changes to the Notice are proposed. MoH also wants to know our thoughts on the future of maternity services in Aotearoa, New Zealand.

New Zealand news

Reducing Inequalities Major Focus of New Research at The Frontline Of Healthcare Services

The Health Research Council of New Zealand (HRC) has today announced \$14.4 million in funding for research that will directly improve the delivery of healthcare services in New Zealand. [Read more](#)

Research to inform national cervical screening programme - Victoria University

Researchers from Te Herenga Waka-Victoria University of Wellington have been awarded more than \$1 million from the Health Research Council of New Zealand (HRC) to develop the evidence-base for an effective national HPV screening programme for detecting changes that may lead to cervical cancer. The project will take place in Te Tai Tokerau, Northland, and will be delivered by university researchers in collaboration with Mahitahi Hauora-Northland's primary health entity. [Read more](#)

Research for Life Awards \$91,344 to Wellington Medical Researchers

Wellington-based medical researchers have received up to \$91,344 in [Research For Life's](#) second funding round for 2020. In the earlier funding round in May, Research for Life approved eight grants totalling \$105,810. [Read more](#)

Research Methodologies

Perspectives: Method and methodology in nursing research.

Campbell S.

Journal of Research in Nursing. 2016;21(8):656-659. doi:[10.1177/1744987116679583](https://doi.org/10.1177/1744987116679583)

I know I am becoming a grumpy old man. I know this because:

- my big teens tell me
- I shout at the television when the English language is misused, or
- when captions abuse the English language.

It's not that I don't understand that language can and should develop. I respect such ideas that Stephen Fry propounds, and the joy of language development. However, at the end of my sixth decade on this planet, and fourth decade in nursing, mostly in academe, there are areas with erosion of quality and rigour, which I know are lost and I need to let them go.

There is one area, however, that I want to hang onto: the proper use of the word *methodology*, and the fact that it is different from the use of the word *method*. [Read more](#)

Introduction to qualitative nursing research

All nurses are expected to understand and apply evidence to their professional practice.

Some evidence should be in the form of research, which fills gaps in:

- knowledge,
- developing, and
- expanding on current understanding.

Both quantitative and qualitative research methods inform nursing practice, but quantitative research tends to be more emphasized. In addition, many nurses don't feel comfortable conducting or evaluating qualitative research, but once you understand qualitative research, you can more easily apply it to your nursing practice. [Read more](#)

Untangling the Misleading Message around Saturation in Qualitative Nursing Studies

Sally Thorne

Nurse Author & Editor, 2020, 30(1), 5

How often have you read a nursing qualitative study in which an author decides to recruit a specific number of study participants, and then by some miracle when that number has been reached, claims that "saturation has been achieved"? Puzzling claims about saturation have permeated our methodological literature for as long as our discipline has been using qualitative approaches and have become ubiquitous in published study reports. Have you

ever wondered what authors really mean by this, on what basis they make such claims, and whether they are actually believable? [Read more](#)

Top tips for interprofessional education and collaborative practice research: a guide for students and early career researchers,

Veronica O'Carroll, Melissa Owens, Michael Sy, ... et al (2020)

Journal of Interprofessional Care, DOI: [10.1080/13561820.2020.1777092](https://doi.org/10.1080/13561820.2020.1777092)

Interprofessional research within the contexts of education and health and social care practice has grown exponentially within the past three decades. To maintain the momentum of high-quality research, it is important that early career researchers embarking on their first research journey and new to interprofessional education or interprofessional collaborative practice feel supported in making their contribution to the field. This guide, developed by the Centre for the Advancement of Interprofessional Education (CAIPE) Research Group, has been written with these groups in mind who are embarking on their first research journey, and new to the interprofessional field. It aims to raise awareness of academic resources and share practical advice from those who have previously experienced problems when undertaking interprofessional research in education or health and social care practice. [Read more](#)

How can I study who you are? Methodological approaches to identity work research.

Gill, M.J. in Andrew Brown (Ed.) The Oxford Handbook of Identities in Organizations, Oxford: Oxford University Press, pp. 295 – 310, (2020)

Qualitative researchers have employed a variety of distinct methodologies to examine individuals' identities in organizations. There is, however, limited guidance to help researchers choose between these methodologies to select the approach that is best suited to answer their research questions. Compounding the methodological complexity facing researchers is the growing variation within each existing methodology. This diversity remains under-examined in the limited scholarship that compares methodologies. The purpose of this chapter is therefore, to consider the variation between and within two distinct methodological approaches to the study of identity work: grounded theory and phenomenology. The chapter establishes some of the key similarities and differences in terms of these methodologies. It then offers guidelines to support researchers in making informed methodological choices to better address the needs of their research. [Read more](#)

A nurses' guide to Quantitative research

Ingham-Broomfield, Rebecca.

Australian Journal of Advanced Nursing, The, Vol. 32, No. 2, Dec 2014 - Feb 2015: 32-38

This article provides a breakdown of the components of quantitative research methodology.

Its intention is to simplify the terminology and process of quantitative research to enable novice readers of research to better understand the concepts involved (Benner 1984).

Primary Argument Globally, evidence-based practice (EBP) has become a major preoccupation of investigators and practitioners involved in the delivery of health care (Liamputtong 2013 pxxi). Working within the health sector requires the nurse to be familiar with research in a way that informs practice, especially if working towards a degree (**Wright-St Clair et al 2014). Nurses may benefit from a discussion that helps them understand the sequence of a research paper (Moxham 2012) that uses quantitative methodology. [Read more](#)

The power of story: Narrative inquiry as a methodology in nursing research

Carol Chunfeng Wang and Sara Kathleen Geale

International Journal of Nursing Sciences. Volume 2, Issue 2, June 2015, Pages 195-198

<https://doi.org/10.1016/j.ijnss.2015.04.014>

The aim of this paper is to explore the essential elements and value of narrative inquiry in nursing research. We propose that understanding a previous experience allows the nurse researcher an "insider view" and hence a deeper understanding of the issues that arise in the relationship between participant and researcher. We suggest that narrative inquiry in nursing research offers a particular way of caring about how knowledge is produced. Nursing

science would benefit from the understanding that health and nursing practices are dynamic processes characterized by the continuous interaction of human thought and behaviour that continuously 'pumps' into personal, social and material environments. Narrative inquiry as a methodology in nursing research is exceptionally useful to uncover nuance and detail of previous experiences. [Read more](#)

The state of mixed methods research in nursing: A focused mapping review and synthesis.

Irvine, FE, Clark, MT, Efsthathiou, N, et al.

J Adv Nurs. 2020; 00: 1– 12. <https://doi.org/10.1111/jan.14479>

Aims

To consider the scope and quality of mixed methods research in nursing. [Read more](#)

Advances in Nursing Research Methodology: Big Data Analytics the Future.

Hansell PS (2017)

Int J Nurs Clin Pract 4: 220. doi: <https://doi.org/10.15344/2394-4978/2017/220>

Big data is an advanced research methodology available to nurse researchers, as part of a collaborative intra-professional team effort. In the digital age, large data sets are generated at a rate that defies definition. These data sets represent found data that exceeds the capacity of normal computer systems, and is typically collected for another purpose that are then used to answer research questions and test hypotheses. The team typically includes at least one or more health professionals who work on a collaborative team with data experts that include a statistician, software programmer and additional information technology experts. These methods are critical to the future advancement of nursing science and healthcare, and need to be integrated into the curriculum of Nursing PhD programs. The management of big data requires special ethical consideration by the IRB to insure that the project is either exempt or excluded and free from human subjects' concerns. Big data methodology is important to and the advancement of nursing science and healthcare in the digital age. [Read more](#)

The Transformative Potential of Kaupapa Māori Research and Indigenous Methodologies: Positioning Māori Patient Experiences of Mental Health Services.

Haitana T, Pitama S, Cormack D, Clarke M, Lacey C.

International Journal of Qualitative Methods. January 2020. doi:[10.1177/1609406920953752](https://doi.org/10.1177/1609406920953752)

This article presents a description of a specific indigenous research methodology, Kaupapa Māori Research (KMR), followed by a discussion of the potential contribution that KMR and other indigenous frameworks make toward understanding and addressing widespread mental health inequities affecting the world's indigenous peoples. The contribution of existing qualitative KMR to the fields of health and mental health in New Zealand is discussed, and innovative approaches employed within these studies will be outlined. This paper describes the utility of KMR methodology, which informed the development of qualitative interviews, and the adaptation of an analytic framework used to explore the impact of systems on the experiences of Māori (the indigenous people of New Zealand) with bipolar disorder (BD). This paper adds to others published in this journal that describe the value, inherent innovation, and transformative potential of KMR methodologies to inform future qualitative research with Indigenous peoples and to enact systemic change. Transformation is achieved by:

- privileging the voices of Māori describing their experiences of mental health systems;
- presenting their expert critique to those responsible for the design and delivery of mental health services; and
- ensuring equal weight is given to exploring the clinical, structural and organizational changes required to achieve health equity.

It is proposed that this approach to research praxis is required to ensure that studies do not perpetuate institutional racism, which requires close adherence to Indigenous research priorities and partnership with Indigenous peoples in all steps of the research process.

[Read more](#)

Nursing Research Methods

This resource concerns all aspects of nursing research addressing methodological issues or techniques that are of concern to nurses conducting:

- quantitative,
- qualitative, or
- mixed research studies.

Topics include, but are not limited to:

- ethics,
- subject recruitment/retention issues,
- sampling,
- development and testing of psychometric tools,
- multi-cultural testing studies,
- meta-analyses techniques, and
- protocol development. [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

Realising the potential of Q methodology in nursing research

Collegian, Article in Press

Eric Lim, Dianne Wynaden, Frank Baughman, Karen Heslop

Published: August 30, 2020 DOI: <https://doi.org/10.1016/j.colegn.2020.08.004>

Background

Mixed methods research designs are becoming increasingly popular in nursing to explore complex clinical issues and to generate knowledge useful to improve the quality of nursing practice and clients' health outcomes. Q methodology is one such research design that combines the strengths of both qualitative and quantitative approaches to examine scientifically peoples' subjectivity towards a subject area.

Aim

This paper aims to introduce Q methodology and outlines the steps taken when conducting research on clinical issues.

Using legitimisation criteria to establish rigour in sequential mixed-methods research

Ahtisham Younas, Subia Parveen Rasheed, Hussan Zeb

Nurse Researcher. doi: 10.7748/nr.2020.e1727

Background

Despite the extensive use of mixed methods across health sciences, there has been a limited discussion about the methodological rigour and quality in mixed methods research (MMR). Although the empirical and methodological literature about mixed methods is increasing, there are few practical examples of the implementation of rigour criteria.

Aim

To discuss and illustrate the application of 'legitimation criteria' to the design and conduct of a sequential exploratory MMR study of nurse educators' challenges when teaching undergraduate students.

How to embed a conceptual or theoretical framework into a dissertation study design

Joan Lynch, Lucie M Ramjan, Paul J Glew, Yenna Salamonsen

Nurse Researcher. doi: 10.7748/nr.2020.e1723

Background

Using a theoretical framework is often viewed as laborious or unnecessary for higher degree research projects. However, considering research problems through the lens of a theoretical framework can provide a structure for students to focus their research questions and produce findings that are more likely to address the research problem.

Aim

To explain the utility of a theoretical framework and demonstrate the inclusion of a theoretical framework – deterrence theory – in a research project exploring plagiarism in nursing education.

Encompassing Cultural Contexts Within Scientific Research Methodologies in the Development of Health Promotion Interventions.

Dickerson, D., Baldwin, J.A., Belcourt, A. *et al.*

Prev Sci **21**, 33–42 (2020). <https://doi.org/10.1007/s11121-018-0926-1>

American Indians/Alaska Natives/Native Hawaiians (AI/AN/NHs) disproportionately experience higher rates of various health conditions. Developing culturally centred interventions targeting health conditions is a strategy to decrease the burden of health conditions among this population. This study analyses characteristics from 21 studies, currently funded under the Interventions for Health Promotion and Disease Prevention in Native American (NA) Populations program among investigators currently funded under this grant mechanism. Four broad challenges were revealed as critical to address when scientifically establishing culturally centred interventions for native populations. These challenges were

- a. their ability to harness culture-centred knowledge and perspectives from communities;
- b. their utilization of Indigenous-based theories and knowledge systems with Western-based intervention paradigms and theories;
- c. their use of Western-based methodologies; and
- d. their cultural adaptation, if based on an evidence-based treatment.

Findings revealed that qualitative methodologies and community-based participatory research (CBPR) approaches were very commonly used to finalize the development of interventions. Various indigenous-based theories and knowledge systems and Western-based theories were used in the methodologies employed. Cultural adaptations were made that often used formative mixed qualitative and quantitative methods. Illustrative examples of strategies used and suggestions for future research are provided. Findings underscored the importance of CBPR methods to improve the efficacy of interventions for AI/AN/NH communities by integrating indigenous-based theories and knowledge systems with western science approaches to improve health.

An overview of the qualitative descriptive design within nursing research.

Doyle L, McCabe C, Keogh B, Brady A, McCann M.

Journal of Research in Nursing. 2020;25(5):443-455. doi:[10.1177/1744987119880234](https://doi.org/10.1177/1744987119880234)

Background

Qualitative descriptive designs are common in nursing and healthcare research due to their inherent simplicity, flexibility and utility in diverse healthcare contexts. However, the application of descriptive research is sometimes critiqued in terms of scientific rigor. Inconsistency in decision making within the research process coupled with a lack of transparency has created issues of credibility for this type of approach. It can be difficult to clearly differentiate what constitutes a descriptive research design from the range of other methodologies at the disposal of qualitative researchers.

Aims

This paper provides an overview of qualitative descriptive research, orientates to the underlying philosophical perspectives and key characteristics that define this approach and identifies the implications for healthcare practice and policy.

[General articles of interest](#)

‘I actually felt like I was a researcher myself.’ On involving children in the analysis of qualitative paediatric research in the Netherlands

Luchtenberg ML, Maeckelberghe ELM, Verhagen AE

BMJ Open 2020;**10**:e034433. doi: [10.1136/bmjopen-2019-034433](https://doi.org/10.1136/bmjopen-2019-034433)

Objectives

To evaluate the feasibility of a new approach to paediatric research whereby we involved children in analysing qualitative data, and to reflect on the involvement process. [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

Building Research Capacity in Nursing Academia in 2020: Is the Road Less Perilous?

Tranmer JE, Almost J, Plazas PC, et al.

Canadian Journal of Nursing Research. 2020;52(3):216-225.

doi:[10.1177/0844562120929558](https://doi.org/10.1177/0844562120929558)

Background

Building research capacity in nursing academic units continues to be a challenge. There are a number of external contextual factors and internal factors that influence individual faculty as well as the collective to engage successfully in research.

Purpose

The overall aim of this opinion article is to provide an overview of the current external and internal, processes and structures, relevant to capacity of nursing faculty to engage in research.

Why nurses in primary care need to be research active: the case of venous leg ulceration

Layla Bolton Saghdaoui, Sarah Onida, Alun Huw Davies, and Mary Wells

British Journal of Community Nursing, Vol. 25, No. 9: 422-428.

Venous leg ulceration (VLU) is predominantly managed in primary care by district nurses, however much of the research takes place in secondary care. This study aimed to identify to what extent nurses are involved in publishing VLU research and to ascertain how much VLU research is conducted in primary care. Three searches of literature published between 2015 and 2020 were undertaken, reviewing VLU publications on interventions, quality of life and qualitative research. Some 37% of intervention studies had one or more nurse authors, compared with 65% of quality of life studies and 86% of qualitative research publications. Of papers that provided details of recruitment, 39% of intervention and quality of life studies included primary care as a recruitment setting. Qualitative studies were more likely to recruit from primary as well as secondary care (50%). Nurses are involved in leading VLU research but are more likely to publish quality of life and qualitative research than intervention studies. The majority of nurse authors in this field are based in academic institutions. A minority of studies utilise primary care as a recruitment setting for VLU research. More must be done to enable VLU research in community settings and to promote the involvement of clinical nurses in research.

[Grants and funding](#)

Apply now for the NZ-China (NSFC) COVID-19 Collaboration Fund

The Health Research Council is pleased to announce the [release today of a Request for Proposals](#) (RFP) to fund research that will address the global threat of COVID-19 and support the development of collaborative research relationships between New Zealand and China (through the National Natural Science Foundation of China/NSFC). [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

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