

LEARN:ED

JUL-AUG
2017

LINKING EDUCATION AND RESEARCH IN NURSING
EVIDENCE/DISSEMINATION

NEWSLETTER OF THE NZNO NURSING RESEARCH SECTION

Welcome the July/August 2017 issue of our Newsletter.

The current members of the Nursing Research Section national committee are:

Name	Role	Region
Heather Robertson	Chairperson	BOP/ Tairāwhiti
Emma Collins	Secretary	Southern
Jed Montayre	Treasurer	Greater Auckland
Jean Ross	Member	Southern
Umit Holland	Member/ Website	Greater Auckland
Simone Inkrot	Member	Waikato
Dianne Marshall	Member	Greater Auckland
Wendy Blair	PNA	National

Our Mission Statement:

"The NZNO Nursing Research Section (NRS) promotes the profile of research in all areas of nursing practice by inspiring and encouraging nurses to be actively involved and lead research that informs evidence based practice, therefore contributing to the growing body of knowledge in the discipline".

Join our section [here](#).

Contact us by email: nzno.nrs@gmail.com.

Like our [Facebook Page](#).

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CHAIR'S REPORT

Dear Members,

Welcome to the second edition of the Nursing Research Section Newsletter LEARN:ED. We are fortunate to have two new members of the NRS committee: Jean Ross and Dianne Marshall; their profiles are available later on in this newsletter.

Last year, following the NRS section survey, it was identified that the key actions for the committee were to collaborate and grow the relationship between the NZNO researchers and NRS in contributing to NZNO research plans and outputs. The NRS committee is therefore looking forward to a positive relationship with the two new NZNO New Researchers: Sue Gasquoine from Auckland and Jinny Willis who resides in Christchurch. We held a teleconference with them at the last NRS meeting in May to explore how we can work together under the guidance of the NRS Professional Advisor Wendy Blair.

The member survey also identified NRS was to facilitate NRS members taking a more active role in the Section, surveying their opinions and views. As a consequence, this year in September, NRS will be conducting a survey monkey evaluation of the newsletter; I implore you to respond to this survey. From the information obtained we will construct a newsletter that is both interesting and worthwhile to you, the reader.

To increase the visibility and profile of NRS keep a look out for our website which will be getting a makeover this year. A Facebook group will also be established to enable us to further connect with NRS members. The NRS flyer is also being restyled to look professional and appealing.

NRS provided feedback on the HDC Health and disability research involving adult participants who are unable to provide informed consent. To view the NZNO submission, click [here](#).

NRS welcomes feedback from all our NRS members now and in the future. If you have any ideas/thoughts to contribute to improve the role and function of NRS please contact us on the email below. Thank you for being an NRS member and to increase the membership numbers I invite you to encourage nursing researchers you know to join this dynamic section of NZNO.

Kind regards
Heather Robertson, Chair (nzno.nrs@gmail.com)

A warm welcome to our new committee members!

Jean Ross



Jean is a Principal Lecturer in nursing at Otago Polytechnic, and has been working within this educational organisation since 2003 when she was invited to establish the NP programme in rural health. Jean was initially a senior lecturer at the Christchurch School of Medicine, from 1998. It was in this environment Jean established herself as a researcher and has published in the area of rural health which has led to the development of innovative models of practice for rural

rural practitioners. Jean has continued to contribute to the research environment throughout the previous twenty years and has been recognized nationally and internationally for her contribution to rural research by receiving the Peter Snow Memorial Award in 2008. Jean believes strongly in the power of research to promote and debate change and policy development within the profession and to improve health care services. Jean continues to activate this philosophy within the BN Year 3 programme in which students have the opportunity to contribute to knowledge generation and present and publish their work in the School of Nursing Online Journal, which Jean initiated and is the Editor in Chief. In 2017 Jean is also the Editor in Chief of the Scope Journal, *Health and Place*. As Jean has now completed her PhD she now has the time and continued commitment to promote the importance of research within the profession.

Dr Dianne Marshall



Dianne is a registered nurse with a clinical background in surgical and cardiothoracic intensive care. She is a senior lecturer in the undergraduate nursing programme at the University of Auckland. Her research interests are in human factors, quality and safety in healthcare, and inter-professional learning through simulation. Currently, Dianne's research is focused on developing nurses' non-technical skills with the goal of reducing preventable error.

EMERGING TECH IN HEALTH SYMPOSIUM- HIGHLIGHTS

Hosted by Health Informatics NZ and NZ Health IT.

**Sponsored by Orion Health.
Wellington 24th May 2017**

Report written by Emma Collins

This well attended symposium sought to discuss how healthcare in NZ will be delivered in ten years' time. It also asked the question "what part technology will play in the transformations that will occur through to 2027, and beyond, enabling the models of care in place by then and supporting the success of the NZ health strategy". There were a number of speakers at the event including technology companies, developers, health care practitioners and representatives from the government.



In the first presentation from ARANZ Medical, the presenter discussed how life expectancy is improving and that this will inevitably have an impact on health care costs. He gave some examples of some innovation that is already occurring including using artificial intelligence to diagnose patients, and better diagnose wound care. This presenter also asked the audience to be open to new innovations and be open to collaboration.

The next presenters were from the Ministry of Health, and they discussed the place of technology in relation to the NZ Health Strategy. This was very informative and useful to see the prioritization of adopting new technology into health care in NZ, to strengthen services, ensure people are kept well at home, and addressing some future healthcare challenges.

The presenter discussed their health technology vision, and what this will look like in 2027, anchored around the NZ Health Strategy. Their vision themes are as follows:

- Value for NZ- not creating new inequities through the technology.
- Life centered
- Accessible trusted information.
- Closer to me. Technology can improve and create isolation.
- Sustained change and innovation. Technology is easy, human change is harder.

Dr Dembo from Orion Health is another notable mention. He stated that the key trends we need to know about are:

1. Changing workforce. There is a trend toward the rise of the informal workforce
2. Health's evolution to data science and the evolution of healthcare.
3. Artificial intelligence
4. Holograms
5. 3D printing.
6. Digital disruption and block chain



There were numerous other presenters who detailed in depth their views on where we were heading, other trends in emerging technology, platforms they were building to improve patient care, and other relevant themes. Overall, this day got us all talking and there was a mixture of excitement and trepidation in the room. Technology is being developed and introduced at an alarming rate, and we need to accept this reality. Nurses also need to be visible and part of this process. Nurses need to be there for all stages of implementing technology into health care – from the investigation, trialing, implementing and evaluating. If we aren't, we may be left behind. I reiterate what the first speaker proposed about being open to innovation and open to collaboration.

INTRODUCING NZNO RESEARCHERS

Sue Gasquoine



I completed my undergraduate nursing education at Auckland Institute of Technology (AIT) in 1980 and an MPhil (Hons) at Massey University in 1996. I was appointed as Nursing Policy Adviser/ Researcher to the Professional Services Team at the New Zealand Nurse Organisation (NZNO) in March 2017. Prior to this I worked in an academic role in nursing education for 25 years teaching research to undergraduate nursing students and supervising postgraduate students of the health professions.

My research interests and publications include: online professionalism for health professionals; inter-professional education to enable teamwork and collaboration in healthcare; and supporting families of stroke survivors.

Principal Researcher/ Dr Jinny Willis

Jinny grew up in Hastings and completed a BSc (Hons) degree in Clinical Biochemistry at Massey University before moving to Christchurch to complete a PhD. Her doctoral studies in Biochemistry investigated the role of insulin in partitioning nutrients between fat and protein in sheep. In 1992, Jinny joined the Lipid and Diabetes Research Group based at Christchurch Hospital in 1992 and enjoyed 25 years studying diabetes and its complications, from laboratory-based to clinical research. Her major research interests were centred on type 1 diabetes in young people including the epidemiology, immunology and genetics of type 1 diabetes. Jinny maintained the incidence register for type 1 diabetes in Canterbury children and adolescents, recording all new presentations of the disease in individuals under 20 years of age from 1970 to the present day. She established and co-ordinated the Type 1 Diabetes TrialNet studies in New Zealand. Jinny is an executive member of the National Clinical Network for Children and Young People with Diabetes. In addition, she is a member of the National Heart Foundation Scientific Advisory Group.



Other research activity, including work completed by PhD students included genetics of the adiponectin receptor genes, functional activity of HDL particles, metabolic factors in angiogenesis and gut microbiota and glucose tolerance.

Jinny is now really looking forward to making a difference to health outcomes in New Zealand in her new role with NZNO.

Surgical nurses' non-technical skills: A human factors approach

By Dr Dianne Marshall

This research is the first to explore the social and cognitive non-technical skills (NTS) required of nurses practising in general surgical wards, the first to identify a taxonomy of NTS for general surgical nurses and the first to identify the differences in levels of performance of the NTS between experienced and less experienced nurses. There is increasing evidence that poor performance of these skills by health professionals at the 'sharp end' of healthcare is a significant factor contributing to preventable adverse patient events.

The study was conducted in four general surgical wards using a Human Factors (HF) approach. Part A, the first stage of the study, involved non-participant observations of fifteen nurses and used an inductive process to identify a taxonomy of seven NTS required of the nurses in their roles in surgical wards. These skills are communication, teamwork, situation awareness, decision-making, leadership and management, planning, and patient advocacy. Part B, the second stage of the study, used applied cognitive task analysis (ACTA) to determine the key cognitive skills that nurses use in challenging situations and to determine the differences between experienced and less experienced nurses' practice. This involved a series of semi-structured interviews with six registered nurses.

In conclusion, this research has developed a taxonomy of general surgical nurses' NTS, both social and cognitive, identified the cognitive demands and cognitive processes of nurses pertaining to challenging events, and has provided an understanding of the differences in decision-making between experienced and less experienced nurses. The study has also identified gaps in nursing practice and nursing knowledge that can compromise the safety and effectiveness of the healthcare provided to patients. The findings from this research have significant implications for professional nursing practice and nursing education and point to a requirement for NTS training to be introduced into the nursing education curriculum and to be part of continuing professional development for nurses working in clinical settings.

WANTED - MENTORS - WANTED

Dear NRS members

You gave your views, we listened!

Mentorship and guidance are some of the activities most important to you, so we are now in the progress of compiling a new list of scientific mentors. If you feel you might be able to function as a mentor and would like to offer your support for other NRS members, we would love to hear from you.

Ideally, you will have:

- Documented experience in designing and conducting research
- Published in peer-review journals
- A PhD
- Enthusiasm to guide and mentor others

If this sounds like you, send us a motivation letter, brief CV, the focus of your expertise (eg chronic health, advanced nursing practice, Paediatrics, Education) and unique talents (eg mastery of statistics software, expert in meta analyses, ethics committee application guru).

Once we have reviewed your application, we will add your profile to our mentor list. NRS members can send us their needs, and we will match them up with appropriate mentors.

If you have any questions about the role or the expectations, please do not hesitate to contact us prior to sending your application.

Email: nzno.nrs@gmail.com

We look forward to hearing from you!

Dr Simone Inkrot on behalf of the NRS committee



Conference:

The 13th Annual Conference of the New Zealand Association of Clinical Research
Thursday 17 - Friday 18 August 2017
The Pullman Hotel, Auckland, New Zealand

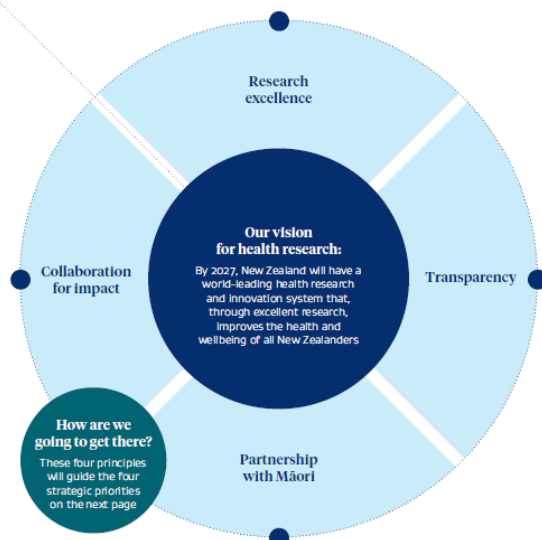


<http://www.nzacres.org.nz/conference-1/2017-conference>

NEW ZEALAND HEALTH RESEARCH STRATEGY 2017-2027 has been published:

<https://www.health.govt.nz/system/files/documents/publications/nz-health-research-strategy-jun17.pdf>

Where are we heading?



Strategic priority 1	Invest in excellent health research that addresses the health needs of all New Zealanders ACTION 1: Prioritise investments through an inclusive priority-setting process ACTION 2: Invest in research for healthy futures for Māori ACTION 3: Invest in research that results in equitable outcomes for Pacific peoples and helps them to lead independent lives ACTION 4: Develop and sustain a strong health research workforce
Strategic priority 2	Create a vibrant research environment in the health sector ACTION 5: Strengthen health sector participation in research and innovation ACTION 6: Strengthen the clinical research environment and health services research
Strategic priority 3	Build and strengthen pathways for translating research findings into policy and practice ACTION 7: Enable and embed translation across the health sector
Strategic priority 4	Advance innovative ideas and commercial opportunities ACTION 8: Support transformative and innovative ideas ACTION 9: Create more industry partnerships ACTION 10: Strengthen platforms for commercialising innovations

Newsletter Survey

Last year the Nursing Research Section (NRS) Committee undertook a survey monkey questionnaire that was sent to all NRS members. The purpose of the survey was to seek the opinions and views on the current members' suggestions for the Section's future. It was made evident that there was motivation by members to take a more active role in the section. Your advice was greatly valued.

This year we are planning another survey to determine the value and fittingness of the Newsletter of the NZNO Nursing Research Section: Learn:ed (Linking Education and Research in Nursing: Evidence/Dissemination)

The survey will be available in September; please keep a look out for it then. All feedback will be taken into consideration.

Conference



Greetings

The 18th Australasian Nurse Educators Conference (ANEC) which will take place from Thursday 28th September to Saturday 30 September 2017 at St Margaret's College, Christchurch, New Zealand, is drawing closer.

This conference embraces moving forward into the future of healthcare education with all its possibilities incorporating innovation, expanding knowledge and technology, while at the same time, looking back, learning from and honouring what has gone before.

Early bird Registrations are still open until 28th July 2017

You can visit our website – www.anec.ac.nz and don't forget to like our Facebook page ANEC 2017.

We look forward to welcoming you to Christchurch. Be inspired. Look backwards, move forwards and come to ANEC 2017.

We are very excited about this conference.

It will be an incredible experience. We hope you can join us.

Conference

PLEASE JOIN US
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September Friday 8th &
Saturday 9th 2017
Sudima Hotel,
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CALL FOR ABSTRACTS
for oral presentations and
posters. Prizes for best abstract speaker
and spot-prize for all submitted abstracts

ABSTRACT CLOSING 21ST JULY
SPEAKERS NOTIFIED ON 28TH JULY

Registrations and CNSSNZ membership:
EARLYBIRD REGISTRATION CLOSING 1ST AUGUST 2017

✉ conference.cnssnz@gmail.com
☎ Rachael Haldane 027 445 6283

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CONFERENCE DELEGATE OFFER ONLY
SUNDAY 10TH SEPTEMBER
Full day skilift pass/rental/2hr lesson \$130 (normal retail value \$213)
Please refer to conference website for more information.

<https://www.cnssnzconference.com/>

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