



Dr Tess Moeke-Maxwell

**Dr Tess Moeke-Maxwell & Te Ārai
group awarded Health Research
Council Te Tohu Rapuora medal**

**Inside – University funding for
major new research centre:
Centre for Co-Created Ageing
Research (CCREATE-AGE)**



Reason

Research at the School of Nursing
The University of Auckland

Editor's note

As I write this, I'm wondering how it can already be three years since the world was on the cusp of the Covid-19 pandemic. Three. Years. Yet now in these pages, you'll find evidence of our staff and students getting back out into the world again, doing things we once took for granted.



Like being able to attend in person the ceremony at which Dr Tess Moeke Maxwell and the Te Ārai research group received the Te Tohu Rapuora Medal, or Professor Melody Smith's inaugural professorial lecture. Or the launch of the University Centre for Co-Created Ageing Research (CCREATE-AGE that Professor Vanessa Burholt is co-directing.

Also, you'll find ample evidence that our work has continued despite the hurdles the pandemic has thrown at us. For example, Professor Terryann (TC) Clark (Ngāpuhi) named to the Cure Kids Chair in Youth and Adolescent Mental Health; the newly formed research group [Kia Mau Te Ora](#), that is focusing on health and equity across the lifespan. Students earning prizes and scholarships for their Master's and PhD research.

And just in the past week, news that members of the Te Ārai Research Group have won a Royal Society Catalyst grant that will allow them to travel to Canada. To actually get on a plane and go beyond our borders to korero with colleagues about palliative care. Amazing.

– Lisa Williams

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Dr Tess Moeke-Maxwell

Cover story: medal winners

The Health Research Council (HRC) awarded Dr Tess Moeke-Maxwell and the Te Ārai Research Group the Te Tohu Rapuora Medal at the Royal Society Te Apārangi Research Honours event in November. The medal recognises the contribution to Māori health leadership of a single researcher, research team, or community group.

HRC Chief Executive Professor Sunny Collings acknowledged Tess saying she "has led or supported numerous studies and community collaborations with her Te Ārai colleagues and kaumātua that have put whānau aspirations and tikanga front and centre." Professor Collings noted the impact of Tess's research: it "has informed Aotearoa's palliative care policy, increased Māori access to palliative care, and supported whānau access to knowledge about tikanga processes across the end-of-life pathway, from the time of diagnosis through to the hura kōhatu (unveiling), disposal of ashes, and bereavement."

Tess credited the inspiration of Professor Merryn Gott and the vision of Matua Rawiri Wharemate and Te Ārai's Kahui Kaumātua to improve Māori end-of-life outcomes. "The end of life is a tapu (sacred) time when the wairua (spirit) is very active, so it's imperative that great care is taken in this space."



Professor Vanessa Burholt

Major new centre established

Congratulations to Professor Vanessa Burholt on the establishment of the transdisciplinary Centre for Co-Created Ageing Research (CCREATE-AGE). She will co-direct the Centre with Professor Ngaire Kerse (Population Health, FHMS), Joanna Hikaka (Population Health, FMHS) and Tia Reihana (Dance Studies, CAI). The Centre will address issues older people identify as being central to realising opportunities, needs, and concerns and to improving health, wellbeing and human flourishing.

The centre's transdisciplinary focus will encourage collaboration of researchers across academic disciplines with non-academic participants from public and private sectors and civic society. "In co-created research, stakeholders are fully informed, equal partners involved in the full cycle of research," Vanessa said. "This includes initiating research ideas and priorities through to co-designing research studies, collecting, analysing and interpreting data, and implementing results."

Central to the Centre's mandate is equity amongst research partners. "We intend to be guided by Māori kotahitanga – emphasising inclusivity and diversity," Vanessa said, "for all those included in our research."



Professor Melody Smith

Early life leads to research focus

Professor Melody Smith credits the impact of her early life on her later career exploring children's physical activity. In her inaugural professorial lecture given in August, she cited as fundamental influences her family's "clear expectation of capability, hard work and teamwork" and her 'free-range' childhood spent safely roaming the neighbourhood with friends in the South Auckland suburb of Papakura.

She offered highlights in her lecture from her body of research that clearly showed her growth as a researcher. Her PhD provided objective evidence for the sporadic nature of children's physical activity, and she developed a new metric for calculating children's average daily activity rates. Her post-doctoral research was the first to explore links between children's active school travel and GIS-assessed neighbourhood environments.

The research also signalled for her the importance of adopting child-centred approaches to measuring neighbourhoods. This realisation eventually led to the development of methods used in her recent Neighbourhoods and Health study. She and her colleagues asked children directly their views on health and healthy neighbourhoods.

Research update: Physical activity report for kids, young people's nutrition environments, Covid-19 kai survey findings & new research

by Professor Melody Smith

It's been a busy 6 months in our research group, with the recent release of [Aotearoa's physical activity report card for children and youth](#). We conduct these report cards as part of a global initiative to benchmark a range of health and physical activity indicators. In the [2022 edition](#), Aotearoa New Zealand received a 'D' grade for active transport (getting to/from school actively), placing us near the bottom globally.

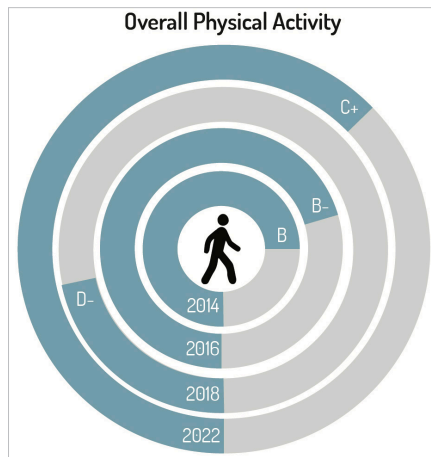
Our key recommendations focused on improving safety for active transport modes. This is in line with [our recent review](#) highlighting the importance

"Seventy-eight percent of ads around primary schools in Tāmaki Makaurau are marketing to children."

of safe infrastructure for walking and biking and our [children's physical activity spaces research](#) which found significant relationships between the amount of cycle lanes in their neighbourhood and children's physical activity and active transport.

We also found the amount of greenspace is positively associated with children's physical activity. In addition, we've developed new findings on the role of greenspace in children's ['third places' play](#) (eg, on footpaths, kerbs etc). Children who played in greenspaces and street places near home had more physical activity than children who didn't.

Follow these media links to learn more: [Newshub/TV3](#), [Breakfast](#), [Today FM](#), [Checkpoint](#), [School News](#), [Te](#)



Aotearoa New Zealand children and youth scored a C+ grade for overall physical activity.

[Hiku O Te Ika FM](#).

Victoria Egli's work on young people's nutrition environments and behaviours reveals [new findings using Google Street View](#). Seventy-eight percent of ads around primary schools in Tāmaki Makaurau are marketing to children – half promote unhealthy food or beverages. Victoria worked on this [evidence snapshot](#) highlighting the excessive levels of powerful unhealthy food and drink marketing to children and calling for effective legislation to reduce exposure.

[Recent COVID-Kai survey](#) findings demonstrate how whānau considered cooking meals at home, eating meals at the dinner table, and mealtimes in general as important parts of the day during COVID-19 lockdown periods.

New projects underway include developing an index for children's health promoting environments, led by Dr Niamh Donnellan; Yijun Zhang's PhD on greenspace inequities and adolescent mental health; and Tiffany Williams' PhD research on children's perspectives on health and health-promoting neighbourhoods.



'Mixed bag' of progress for rangatahi Māori

Professor Terryann (TC) Clark (Ngāpuhi) and colleagues [reported in the Lancet](#) on key health trends for rangatahi (youth) Māori over a 19-year period. It is a mixed bag in terms of progress. Approximately 90% of rangatahi Māori indicated they had good or excellent health over the reporting time. A similar number said they had at least one parent "caring about them a lot." Major improvements occurred in smoking, binge drinking and risky driving. There was a concerning increase in clinically significant depressive symptoms, up from 13.8% in 2012 to 27.9% in 2019. Racism and structural disadvantage increased during this period as did the inability to access healthcare when needed.

To improve health outcomes and reduce inequities for rangatahi Māori, the authors suggested using age-appropriate Indigenous strategies. Among these were Indigenous youth-specific policies, Indigenous and rangatahi leadership and a commitment to an anti-racist praxis and healthcare Indigenisation.



University Research Impact Award Winners

Professor Terryann (TC) Clark (Ngāpuhi) and the Adolescent Health Research Group (AHRG) received a University of Auckland Research Impact Award at an awards ceremony in November. Through their Youth2000 survey series, the AHRG has surveyed the health and wellbeing of 36,000+ young people during the last 20 years. Their work has provided up-to-date data and monitoring of outcomes for policymakers and service development.

AHRG members have published 70+ peer reviewed journal articles and hundreds of school, public or policy-facing reports and briefs. Professor Melody Smith is also a AHRG member.

The awards and \$10,000 prize are given to recognise and celebrate research that has made a positive difference to the world and has led to outstanding social, environmental, economic, health and/or cultural impact.

Pictured: Lovely Dizon (PhD candidate, School of Population Health), A/P Pat Bullen (Faculty of Education and Social work), Professor Terryann Clark and A/P Roshini Peiris-John (School of Population Health).



source: Hamsterfreund, Pixabay.com

New group prioritising health and equity

The School's newly formed research group, [Kia Mau Te Ora](#) is focusing on research that supports and improves health and equity across the lifespan. Their emphasis is on public health promotion and primary health care including management of non-communicable diseases.

Equity and Te Tiriti o Waitangi (The Treaty of Waitangi) are principal concerns, as is addressing wider systemic issues associated with wellbeing. The group's goal is to understand how to support people to live

healthy lives, and to understand the systems and ecological factors that can impact health behaviours and outcomes.

Whaea Erana Poulson, the School's Poutaki Māori gifted the name Kia Mau Te Ora to the group in consultation with Matua Pita Pou. Translating as 'May you live' in English, the term is meant to encompass the challenges and barriers faced when addressing wellbeing as well as key strands of knowledge to influence change.

The new website includes [a comprehensive resource page](#) divided into sections specifically for tamariki (children) rangatahi (young people) and whānau (families) who are experiencing stress and anxiety. Collated by experts in these areas, the resources include contacts for immediate support as well as numerous publications and links. School of Nursing contributors are Dr Gemma Aburn, Professor Melody Smith, Professor Terryann Clark, Mo Harte, Michelle Adams, Bridget Venning, Dr Kim Ward, Jackie Williams and Dr Victoria Egli.



Dr Tess Moeke-Maxwell

Call for national Covid-19 memorial day

The Health Research Council-funded [Rapua te Mārama](#) research team led by Dr Tess Moeke-Maxwell concluded its nationwide schedule of hui to disseminate research findings. The research focused on whānau experiences of death during Covid-19 pandemic lockdowns. Members of the Te Ārai Kāhui Kāumātua travelled around the country with Dr Tess Moeke-Maxwell, Kat Mason and other members of the Te Ārai group to report back to whānau who participated in the study. The locations were Aotea, Great Barrier; Kaikohe; South Auckland; Motueka; Hastings,

Tauranga, Wellington and Invercargill.

Among the findings Tess mentioned was the call by participants for the Government to hold a national memorial day in March 2023 for people who lost someone during the lockdowns. Other key findings concerned the disruptions to end of life, tangihanga and bereavement caused by Government restrictions. Participants noted the added financial burden of high funeral costs; yet Tess also indicated that funeral directors were the 'unsung heroes' of the lockdown period. "Funeral directors went out of their way to help whānau in innovative ways by working the grey space," she said. For example, "since whānau couldn't be with their relative after they died, funeral directors gave them online time slots where they could Zoom in and see their loved ones. Or they rotated groups of 10 through their service to pay their respects to a whānau member when only 10 people were permitted."



Michael Crossan

Research reveals curriculum inconsistencies

New research led by Professional Teaching Fellow and PhD candidate Michael Crossan indicates a wide variance exists in how nursing schools in Aotearoa New Zealand teach the fundamentals of care (FoC). The FoC involve the integration of physical, psychological and relational aspects of nursing which are grounded in the relationship established between the nurse and patient. Michael's data analysis suggests the FoC curriculum is non-standardised. "Schools appear to design their own curricula and individually decide the educational approaches used to teach and assess FoC," he said. He identified mouth and general skin care were common features of FoC teaching.

However, there was "limited focus on eye and perineal care." Seventeen nursing course coordinators from across the country responded to Michael's anonymous online questionnaire. Michael's PhD supervisors are Associate Professors Michelle Honey, Andy Wearn and Mark Barrow. The paper was published in [*Nursing Praxis in Aotearoa New Zealand*](#).



Associate Professor Rachael Parke

Trics III data shows changes to practice

Do the results of research change practice? A question A/P Rachael Parke explored in a recent paper in [*The New Zealand Medical Journal*](#). She and her colleagues looked at whether findings from the Transfusion Requirements in Cardiac Surgery III (TRICS III) randomised controlled trial were implemented in cardiac surgery. This is important because cardiac surgery is the largest perioperative user of donated blood products.

The international TRICS III study showed that a restrictive transfusion strategy reduces transfusion of allogeneic red blood cells and was non-inferior to a liberal strategy. Using observational study methods and a self-administered online practice survey, they found that Aotearoa New Zealand clinicians involved in the care of cardiac surgery patients had indeed responded to the TRICS III study. They were more restrictive in their administration of red blood cell transfusions than before the TRICS III trial findings were published.



Whaea Erana Poulsen

Permanent appointment for Poutaki Māori

Erana Poulsen has been named to a permanent position as Poutaki Māori for the School of Nursing. She began working at the School near the end of 2019 and was pivotal in helping staff adjust to the demands of online life during the Covid-19 lockdowns. She hosted, and continues to host, daily tikanga sessions over Zoom and in person in the School.

In June, she completed a post-graduate diploma in Bicultural Supervision (Kaitiakitanga) at Te Wānanga o Aotearoa.



Eillish-Kate Satchell

Māori Health Clinical Training Fellowship

The Health Research Council of New Zealand has awarded Eillish-Kate Satchell (Ngāpuhi) a Māori Health Clinical Training Fellowship to undertake her PhD in the School of Nursing. Eillish, who completed both her Bachelor of Nursing and Honours degrees in the School, works as an RN at Te Toka Tumai in Auckland.

She also works as a research assistant in the School and as teaching support in the undergraduate programme. Her background is in emergency and post-anaesthetic nursing.

For her PhD, Eillish will focus on whānau experiences of emergency ambulance care in out-of-hospital deaths. Her background in emergency nursing sparked her interest in this subject. "Care of family has been identified as an important factor in out-of-hospital critical events where resuscitation is terminated or not attempted by emergency ambulance services," she said.

She hopes her research will influence current emergency ambulance practice to be more responsive to the needs of whānau. Her PhD supervisors are Dr Natalie Anderson, Professor Merryn Gott and Dr Tess Moeke-Maxwell.



Photo credit: Natalie Anderson
Chanthie Thach

Kilpatrick Research Excellence Prize awarded

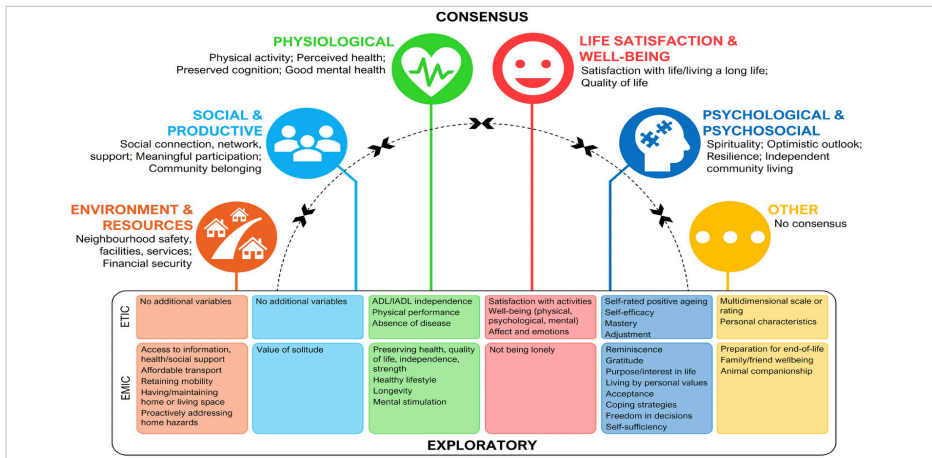
Chanthie Thach received the Kilpatrick Research Excellence Prize at the School's research forum in late November.

Chanthie, a cardiac nurse specialist at Te Whatu Ora Counties Manukau, explored in her Master's research patient experiences of discharge education after leaving hospital from an acute coronary syndrome. "My research is the culmination of many years of observation and interaction with vulnerable patients and their families immediately following a heart event," she said. "My colleagues and I are already using this research to inform a patient-centred education tool to improve health literacy and patient care throughout New Zealand."

Staff excellence honoured at awards ceremonies

School of Nursing staff members were honoured with Faculty Teaching Awards in a joint 2021-2022 ceremony in September. Sue Raynel earned the Dennis Pickup Clinical Educator Award for 2022 and Dr Jenny Parr received the award for 2021. The Dennis Pickup award is given to clinical teachers judged by staff and students to have made outstanding contributions to their discipline. The 2022 Butland Teaching Award for Sustained Teaching Excellence went to Mia Carroll for 2022 and to Jane Barrington for 2021. The Butland Teaching Award recognises a long-term, consistent or broad contribution to teaching excellence in the Faculty. Both awards come with a \$2,000 emolument to be used by the recipients for further developing their interests in their discipline.

In a December Faculty awards ceremony, Robyn Auld was honoured with an Ian Houston Award for Sustained Excellence. Robyn is a Group Services Team Leader in the School. The Ian Houston Award is given to staff who have demonstrated sustained excellent service and exemplify its values of innovation, partnership, professionalism, equity and integrity.



Conceptual model of positive ageing for community-dwelling older adults illustrating consensus and exploratory factors across etica and emic perspectives

Positive ageing conceptualised beyond 'researcher vs older adult'

School of Nursing researchers have tackled a problem that arises when conceptualising positive ageing. Too often, perspectives devolve into views that could be labelled 'researcher versus older adult'. To counter this, PhD student Tessa Pocock and colleagues conducted a scoping review and developed a conceptual model of positive ageing that consolidates diverse approaches. The results have been published in [Kōtuitui: New Zealand Journal of Social Sciences Online](#).

After synthesising 75 articles on the topic, they created a 'multidimensional and holistic positive ageing model' that illustrates a range of factors that contribute to the health and well-being of older adults.

They also noted that positive ageing literature focuses primarily on individualistic behaviours and recommend that future research and policy include 'wider structural environments to stimulate real-world change.'



Dr Cathleen Aspinall

PhD research: intersectionality and empowerment

Cathleen Aspinall has been awarded the PhD for her thesis on the impact of intersectionality on the empowerment and development of nurses into leadership roles. Cathleen investigated the impact of socially constructed categories of identity on nurses' leadership development.

She found that the intersection of gender, race and class privileges European men, then women and disadvantages non-European, internationally educated nurses of either gender. "Implicit bias and racism in our patriarchal health system creates barriers to career progression, empowerment and leadership for some nurses," Cathleen said.

Among her recommendations for change in the sector included the creation and implementation of intersectional workforce policies.



Meeting welcomes the world back after Covid-19

The University of Auckland hosted the annual U21 Health Sciences Group Annual Meeting in September. Delegates from U21-member institutions came from around the world to attend. Health equity was this year's theme, with emphases on health equity and communities, equity challenges for women in academia, and delegates' particular insights into health equity.

Head of School Julia Slark led the organisation of the week-long event for the faculty. Professor Terryann (TC) Clark (Ngāpuhi) gave a keynote presentation that focused

on rangatahi Māori, drawing on the findings of the Youth2000 Survey Series that has monitored the wellbeing of youth in Aotearoa New Zealand for the last 20 years.

Rubina Bogati gave a presentation on her PhD research during the day set aside for a doctoral student forum. She spoke on later life work decisions of older Asian workers in Aotearoa New Zealand. Professor Merryn Gott led a masterclass for PhD students about her journey into academia and experiences setting up a research platform.

Collaboration and commitment underpin programme's success

by Dr Sue Adams

The Nurse Practitioner-Enrolled Nurse Workforce Programme is going from strength to strength driven by principles of equity and Te Tiriti o Waitangi. Working collaboratively with universities, health providers, the nursing workforce, and nationally with Te Whatu Ora, Te Aka Whai Ora, Office of the Chief Nurse, and National Nursing Pipeline Working Group, is reaping rewards. 1) Doubling places on NPTP to 100/year for 2024; 2) Increasing Māori, and Pacific, RNs progressing to NP; 3) Supporting Māori, and Pacific kaimahi (COVID surge workforce) through EN training "Earn As You Learn"; 4) Showcasing EN and NP models of care to increase access for mental health and addiction in the community.

Several streams of research are underway to capture the learnings and outcomes. In addition to Josephine Davis (as co-lead with Sue Adams), we welcomed three more wāhine Māori nurses to the team – Coral Wiapo, Ebony Komene and Lisa Sami. commitment to an anti-racist praxis and healthcare Indigenisation.

Nga Pae Māramatanga awards two staff members PhD scholarships

Nga Pae Māramatanga (Māori Centre of Research Excellence (CoRE)) has awarded PhD scholarships to two staff members, Professional Teaching Fellow Coral Wiapo (Ngāti Whātua) and Research Fellow Ash Gillon (Ngāti Awa, Ngāpuhi, Ngāi te Rangi). Coral will explore how wāhine Māori nurses utilise mātauranga Māori as a means to address health equity in Te Tai Tokerau. Professor Terryann (TC) Clark (Ngāpuhi) and Dr Sue Adams from the School, Hemaima Reihana-Tait (Ngāpuhi) from Te Hauora o Ngāpuhi and Dr Tania Cliffe-Tautari (Te Arawa, Ngāi Tahu) from Te Puna Wānanga, University of Auckland are her supervisors and mentors.

Ash will look at Body sovereignty and fat Māori Wāhine. Her supervisors and mentors are Professor Tracey McIntosh (Ngāi Tūhoe), School of Māori Studies and Pacific Studies; Dr Jade Le Grice (Te Rarawa, Ngāpuhi), Faculty of Sciences; Professor Melinda Webber (Ngāti Whakaue, Ngāpuhi, Ngāti Kahu, Ngāti Hau) Faculty of Education and Social Work; and the late Dr Cat Pausé of Massey University.



LGBTQI+ course material gets passing grade

New research highlights an evaluation of a project to improve LGBTQI+ health content in the School of Nursing's undergraduate curriculum. Published in [Nurse Education Today](#), the article reports on nursing students views of the project, which spanned several years as an interdisciplinary team worked to integrate relevant LGBTQI+ content into the teaching, assessment and learning support materials.

Students acknowledged the material was useful and improved their awareness, reflexivity, clinical and self-efficacy around LGBTQI+ issues. 2021-2022 summer research student Simran Saini contributed to data analysis and served as first author on the paper, supervised by Dr Natalie Anderson.

Inadequate healthcare for LGBTQI+ patients often stems from assumptions about gender identity and sexual orientation. Historically, LGBTQI+ health has been overlooked or perhaps taught as a 'special interest' topic presented by external speakers in a standalone session.

Moira Clunie and Joey MacDonald from Te Ngākau Kahukura provided vital coaching resources and support. Now, LGBTQI+ content is facilitated by nursing faculty across all three years of the Bachelor of Nursing.

LGBTQI+ health and 'rainbow competency' is "fundamental to nursing care", Natalie said, "and our goal is to ensure it is integrated into teaching, assessments and case studies, kept updated and consistently modelled by nursing faculty."



Professor Terryann Clark

Professor TC Clark appointed to Cure Kids Chair

The University has appointed Professor Terryann (TC) Clark Ngāpuhi to the Cure Kids Chair in Youth and Adolescent Mental Health. She has a background as an adolescent nurse specialist and researcher with a passionate interest in equity for tamariki and taitamariki Māori. Her research focuses on youth health, with a particular emphasis on rangatahi Māori mental health.

TC indicated she is "incredibly grateful" for the opportunity: "Cure Kids really value research as a mechanism to improve the health and wellbeing of tamariki. In particular, they know that mental health is a growing crisis for children and young people, but notoriously complex. My research is solutions-focused and will explore how we prevent distress, and respond early with effective and appropriate interventions to minimise the harm, particularly for taitamariki Māori."

TC is a founding member of the [Adolescent Health Research Group \(AHRG\)](#) established 24 years ago. She was principal investigator of the Youth12 national youth health and wellbeing survey and co-lead of the Youth19 rangatahi smart survey in New Zealand secondary schools.

She also led an HRC grant [investigating the influence of whanaungatanga](#) on rangatahi Māori wellbeing. TC is co-chair of Te Tatau Kitenga, and chair of Te Rōpū Mātanga o Rangatahi for the Ministry of Health, and a member of the science advisory panel for Better Start – E Tipu e rea.



Equitable palliative care requires cultural safety

Māori health practitioners undertake time-consuming and emotionally and culturally demanding work to provide culturally safe palliative and end-of-life care for Māori patients and whānau. Their efforts are for the most part unpaid and unrecognised, according to a new paper in [Palliative Medicine](#). The research, funded from the HRC Pae Herenga study, was led by Dr Tess Moeke-Maxwell. In the article, Professor Merryn Gott, A/Professor Janine Wiles, Kat Mason and Tess drew on interviews with 103 whānau and health practitioners living on Aotearoa New Zealand's North

Island. They concluded that to achieve more equitable palliative care for Māori health systems should recognise and support the efforts of existing health practitioners from these communities. Their other recommendations included advising non-Indigenous healthcare staff to support efforts by their Māori colleagues. Yet the authors also emphasised that culturally safe end-of-life care also requires more fundamental structural change and shared leadership and decision-making with Māori.



Photo credit: Natalie Anderson

Spotlight on staff and student research

The School of Nursing's November research showcase featured student and staff research and offered participants opportunities to network with colleagues in nursing, health and related fields. Professor Andrew Jull and Dr Cynthia Wensley gave presentations on their research, and staff members Louise Carrucan-Wood, Cathleen Aspinall, Julie Daltrey and Michael Crossan presented on their current PhD research. Master's students Qianhui Zhou, Reuben Sutton, Jenna Keepa and Keri-Anne Cowdrey and honours students Ebony Komene and Ellie McMahon also presented. During

the showcase, Professor Vanessa Burholt delivered the annual School of Nursing Alumni (SONA) Margaret Horsburgh Lecture. She spoke about the newly established Centre for Co-Created Ageing Research: Hīkina Kia Tutuki.



Practice nurses providing more diabetes consults

More practice nurse (PNs) are looking after diabetes patients in primary care settings according to new research published in [Primary Care Diabetes](#). In a comparison of 2006-2008 and 2016 data, Dr Barbara Daly and colleagues found that nurses in 2016 more routinely saw diabetes patients and provided follow-up care than in the earlier time period. In 2016 more nurses also discussed test results and engaged with patients about medications and smoking cessation compared with nurses in 2006-8. To gather the data in both time periods, the researchers conducted two

cross-sectional Auckland-wide surveys.

The study's findings sit within the wider context of the increase in type 2 diabetes in Aotearoa New Zealand. The obesity epidemic, population growth, increases in ethnic diversity and life expectancy are the main contributors to this rise. The prevalence of type 2 diabetes in NZ is highest for Pacific (13.6%) compared with Māori (7.9%), Asian (6.2 %) and European (4.9%) populations.

The 2022 publication list

Now in its 10th year, the School of Nursing's annual publication list features all the journal articles, books, book chapters and reports published during the year. The links

A

Adams S, Mustafa M, Bareham C, Carryer J, Tenbenschel T, Poghosyan L. The Organizational Climate for Nurse Practitioners Working in Primary Health Care in New Zealand: A National Survey. *The Journal for Nurse Practitioners*. 2022. [doi:10.1016/j.nurpra.2022.04.024](https://doi.org/10.1016/j.nurpra.2022.04.024)

Adams S, Oster S, Davis J. The training and education of nurse practitioners in Aotearoa New Zealand: Time for nationwide refresh. *Nursing Praxis in Aotearoa New Zealand* 2022;38(1)1-4. [doi:10.36951/27034542.2022.01](https://doi.org/10.36951/27034542.2022.01)

Adhikari NK, Pinto R, Day AG, . . . **Parke RL**, et al. Lessening Organ Dysfunction With Vitamin C (LOVIT) Trial: Statistical Analysis Plan. *JMIR Research Protocols*. 2022;11(5): e36261. [doi:10.2196/36261](https://doi.org/10.2196/36261)

Anderson NE, Robinson J, Goodwin H, **Gott M**. 'Mum, I think we might ring the ambulance, okay?' A qualitative exploration of bereaved family members' experiences of emergency ambulance care at the end of life. *Palliative Medicine*. 2022;36(9):1389-95. [doi:10.1177/02692163221118204](https://doi.org/10.1177/02692163221118204)

Aspinall C, Jacobs S, Frey R. Intersectionality and nursing leadership: An integrative review. *Journal of Clinical Nursing*. 2022. [doi:10.1111/jocn.16347](https://doi.org/10.1111/jocn.16347)

Aspinall C, Johnstone P, Parr JM. Reflections on the implementation and evaluation of a system-wide improvement programme based on the fundamentals of care: Lessons learned. *Journal of Advanced Nursing*. 2022. [doi:10.1111/jan.15389](https://doi.org/10.1111/jan.15389)

for free or open access articles are marked in bold. For others you would like access to, please email Lisa Williams:la.williams@auckland.ac.nz.

Aubert S, Barnes JD, Demchenko I, **Smith M**, et al. Global Matrix 4.0 Physical Activity Report Card Grades for Children and Adolescents: Results and Analyses From 57 Countries, *Journal of Physical Activity and Health*. 2022. [doi:10.1123/jpah.2022-0456](https://doi.org/10.1123/jpah.2022-0456)

B

Balmer DG, Frey R, Gott M, Collier A, **Boyd, M**. A place to live and to die: a qualitative exploration of the social practices and rituals of death in residential aged care. *OMEGA-Journal of Death and Dying*. 2022;85(1):38-58. [doi:10.1177/0030222820935217](https://doi.org/10.1177/0030222820935217)

Bloomfield K, Wu Z, Tatton A, . . . **Boyd M**, et al. An interRAI derived frailty index predicts acute hospitalizations in older adults residing in retirement villages: A prospective cohort study. *PloS One*. 2022. [doi:10.1371/journal.pone.0264715](https://doi.org/10.1371/journal.pone.0264715)

Bloomfield K, Wu Z, . . . **Boyd M, Peri K**, et al. Factors associated with healthcare utilization and trajectories in retirement village residents. *Journal of the American Geriatrics Society*. 2022;70(3):754-65. [doi: 10.1111/jgs.17602](https://doi.org/10.1111/jgs.17602)

Bloomfield K, Wu Z, Broad J, . . . **Boyd M, Peri K**, et al. Learning from a multidisciplinary randomized controlled intervention in retirement village residents. *Journal of the American Geriatrics Society*. 2022;70(3):743-53. [doi: 10.1111/jgs.17533](https://doi.org/10.1111/jgs.17533)

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