





2024 RESEARCH & RANGAHAU REPORT

Teaching Innovation & Research March 2025

2024 RESEARCH & RANGAHAU REPORT



| From your Research & Innovation Team |

The year 2024 was another remarkable chapter, with our Whitireia and WelTec kaimahi achieving exceptional milestones in research excellence, and contributing to industry, iwi, and the wider community, while at the same time, advancing industry knowledge and educational practices. Numerous kaimahi participated in both international and national conferences, with many presenting at the annual Whitireia and WelTec Research Symposium, reinforcing the institution's desire for researchers to give back if they receive funding.

In 2024, the ROMS system underwent significant updates. Whitireia and WelTec accounts were merged, a self-service password reset feature was introduced, and the tool's speed was improved, enhancing the user experience. It is important to regularly update ROMS, as the data collected is essential for compliance with TEC and NZQA requirements.

At the end of 2024, the responsibility for collecting individual kaimahi research plans returned to our Senior Research Advisors (SRAs). In early 2025, our SRAs will follow up with kaimahi who have yet to complete their research plans.

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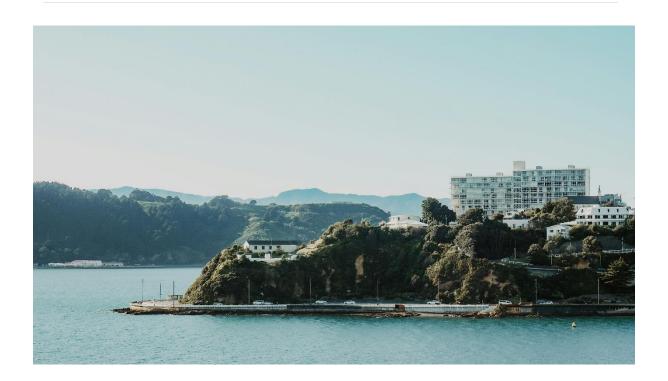
ROMS 2024

Looking ahead, the Research Team is preparing new events and resources for 2025, including an induction pack for those new to research. In 2025, annual research events, such as the Whitireia & WelTec Research Symposium, are also expected to continue. This is a significant achievement for the institution, given some polytechnics have cancelled their symposiums due to a lack of research activity.

Behind the scenes, your Senior Research Advisors (SRAs) continue to network with researchers from other polytechnics, industry, universities and trades institutions, Crown Research Enterprises, and communities to boost research connections for our kaimahi and our research resources.



In late 2024, there was a slight reshuffle with SRA Lee Smith adding Hospitality to her portfolio, while SRA Ahmed Al-Sa'di, added Construction to his. <u>Dr Lee Smith</u> now looks after the Schools of Creative & Hospitality, Health & Wellbeing, and Centre for Pacific Health & Social Practice) <u>Dr Ahmed Al-Sa'di</u> takes care of the Schools of Construction & Engineering Trades, and Innovation, Design & Technology. Please get in touch with your SRA or <u>Tessa McPhee</u> (Lead Coordinator) if you need any research support. Congratulations on your research achievements in 2024 and best of luck for your research projects in 2025. We are here to help you if you need it.



SCHOOL RANGAHAU & RESEARCH

Health & Wellbeing | Te Kura Hauora

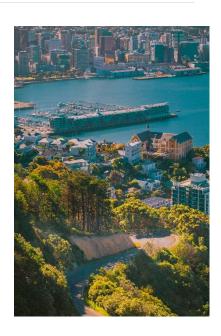
Post Graduate Nursing | Kaimahi in post graduate nursing courses continued to deliver quality research presentations, while Vicky Jennings and Danielle Hann, alongside Head of School Carmel Haggerty (and others) published an article in the Whitireia Journal of Nursing, Health and Social Services. Programme Manager Kerri Arcus and Mel Hargaden copresented on a team project focusing on moral injury at the Whitireia & WelTec Research Symposium, while they, alongside Cath Fuller and Tane Rangihuna (and others) continue to refine an article prior to resubmission to an international nursing journal. Molly Page and Tanya Loveard continue to present at nursing and palliative care conferences, while Molly also contributed to a research report in 2024.



Bachelor of Nursing | In the Bachelor of Nursing, Belinda McGrath continued to have articles published from her research collaboration, and she, alongside Adrienne Cosslett co-presented at the Whitireia & WelTec Research Symposium, as did Ari Neocleous. Shivann Ramaekers presented at the Whitireia & WelTec Research Symposium for the first time. Congratulations Shivann for also being admitted to your chosen PhD programme. Lauren Addington had a wonderful year, publishing in *Kotuitui: The New Zealand Journal of Sociology* and being named on two presentations at the *New Zealand Association of Research in Education Conference* in November. Currently, most Nursing tutors are involved in a project that is in its initial stages, and being led by Katie Owen, which will lead to an output in 2025.

Clinical Lab | Two members of the Clinical Lab team, Alex Wordsworth and Programme Manager Phil Hawes had an article published as part of an international research collaboration, while Shelley Winters also presented at the Whitireia & WelTec Research Symposium.

Bachelor of Health Science Paramedicine | Reuben Corlett delivered his team presentation at the Whitireia & WelTec Research Symposium, (including other paramedics Vicky Field and Aimee Fake, as well as Phil Hawes, Clinical Lab), while Programme Manager Bee Westenra was a named presenter at the *ANZSPM* conference in Australia. Congratulations to Josie Corkery for graduating with her master's thesis.



Centre for Pacific Health & Social Services

Bachelor of Nursing Pacific | 2024 was a productive year for Bachelor of Nursing Pacific kaimahi with a combined editorial written by the team published in the *Whitireia Journal of Nursing, Health and Social Services*. Programme Manager Tania Mullane and other members of the team continued to work on their oral health project which will result in a team publication in 2025. Teramira Schutz also presented at the Whitireia & WelTec Research Symposium as well as an indigenous health conference in Auckland, while Loma-Linda Tasi and Miikana Whitford were part of a successful team which achieved research funding for a project on bariatric surgery.

Bachelor of Counselling and Addiction Practice | In 2024, Bachelor of Counselling and Addiction Practice kaimahi had a great year, with Steve Hogan having an article published in the *Whitireia Journal of Nursing, Health and Social Services*, while Paul Haycock and Paul Schreuder had an article included in the *New Zealand Journal of Counselling*. We look forward to seeing this momentum continue in 2025.



Bachelor of Social Work | Numerous Bachelor of Social Work kaimahi, including Roger Ngahooro, Ashleigh Price, Hawa Matthews and Sosefo Havea, presented at the Whitireia & WelTec Research Symposium. Congratulations to Sosefo for presenting for the first time, while the Research Team recognise Hawa for her continued passion for research, presenting twice, and chairing a session at the Whitireia & WelTec Research Symposium. The Research Team also wish Hawa the best for the final stages of her PhD which is due to be completed in the first half of 2025.



School of Creative & Hospitality

Late last year, the **Bachelor of Creativity (Digital Media Major)** moved from the School of Creative & Hospitality into the fold of the School of Innovation, Design & Technology.

Nevertheless, the outputs of the kaimahi who teach in this degree are reported under Creativity given they were initially accrued under this School. Programme Manager Brenda Saris, Nikko Hull, Bret Nicols, Emma Maddock, Deidra Sullivan, and new Programme Manager Kate Marshall, submitted an article for potential publication in 2025 in the New Zealand Journal of Educational Studies.

Brenda co-presented on this research project at the *New Zealand Association of Research in Education* at Waikato University in November (virtually) and again at the Whitireia & WelTec Research Symposium in December. She additionally presented at an international conference in China (virtually) on a separate project. Donna Banicevich-Gera's reviews of two plays were published and she also presented (with Kate Marshall named) at the Whitireia & WelTec Research Symposium.



2024 was also a good year for **Graduate Diploma in Publishing** kaimahi Theresa Crewdson and Odessa Owens. Both presented at *Te Manawa Reka Curiosity Symposium* in Rotorua and again at the Whitireia & WelTec Research Symposium. They have an article under submission in an international publishing journal, which unfortunately, is taking some time to review. Their 2023 book 'Everything I know about Publishing' also continued to receive media attention in 2024. Odessa also established a research connection with an Australian publishing academic and has plans to pursue this in 2025.

Construction & Engineering Trades

Although not required to undertake research, we welcome and support Construction & Engineering kaiako to undertake research if they are interested in doing so.

Carpentry kaimahi Taratoa Cleave Pokotea, Mike Pearce and Trevor Huse presented at this year's Whitireia & WelTec Research Symposium (the later alongside the eCreate Team). In 2024, Tom Dailly and Edwin Spinks revisited an earlier research project, alongside Senior Literacy and Numeracy Advisor Virginia Sanders, which ideally will be completed in 2025. Please get in touch with the Research Team if you are keen to explore research in the future!



Innovation, Design & Technology

Business | 2024 was a significant year for research outputs in the Business programmes within the School of Innovation, Design, & Technology. Several kaimahi achieved notable milestones; Guoyang Chen completed a thesis exploring paid staff in for-profit volunteer tourism organisations, focusing on a role identity perspective. Olkan Guler showcased significant contributions with multiple presentations and publications, including chairing a session at the Whitireia & WelTec Research Symposium 2024. Olkan also presented at an international conference on Entrepreneurial Opportunity Recognition and coauthored a published systematic literature review in the same domain.



Swati Puri and Thelma Moses contributed chapters to a *Springer* publication focusing on board characteristics and ESG evidence from New Zealand. Yi-Mei Huang published journal articles and presented at conferences on advanced statistical methods, notably on moderated multiple regression, and multicollinearity diagnostics. These research activities underline the Business programme's strong commitment to addressing theoretical and applied challenges in modern organisational contexts.

Professional Practice | 2024 was a remarkable year for the Professional Practice department, with kaimahi making valuable contributions to their field. Joey Domdom and Rachel Tallon presented at the 2024 Whitireia & WelTec Research Symposium on the topic 'Engagement and Restraint in Secular Spaces: Identity Disclosure from the Perspective of Christian Social Service Practitioners'. Rachel Tallon, alongside colleagues, presented another paper titled 'Questioning the Rules and Regulations: Findings from a Qualitative Study Exploring How Religious Leaders Navigated the COVID-19 Pandemic'. Wendy Trimmer co-authored a journal article, 'Tiaki Moemoeā: The Dreamkeepers' Role in Supporting Pacific Learner Aspirations', published in the *Whitireia Journal of Nursing, Health and Social Services*. These efforts showcase the programme's dedication to exploring critical social and cultural issues through research.



Built Environment | 2024 was a productive year for the Built Environment team, with research outputs focusing on sustainability, housing, and gender equality. Some of key achievements; Olufunto Ijatuyi published an article in the Journal of Urban and Environmental Research assessing neighbourhood satisfaction in public housing estates in Akure, Nigeria. Swetha Thammadi made notable contributions, including co-authoring a chapter on embodied carbon emissions for net zero buildings in New Zealand, which was published by Springer. She presented on quantitative lifecycle sustainability assessment of asphalt pavement at an international conference on sustainability in civil engineering. She also co-authored a working paper titled 'Islands at the Brink: Country Brief Fiji' for IDRC Canada. These contributions highlight the programme's commitment to addressing critical global and local challenges in sustainable development and urban environments.



Information Technology | 2024 was an outstanding year for the IT programmes. Key highlights included: Dax Roberts coauthoring a publication on cybersecurity awareness among international students in Aotearoa New Zealand, presented at *CITRENZ 2024*. Hamid Mahroeian collaborated on a conference presentation at *IEEE TALE 2024*, focusing on reluctance among novices to use ChatGPT in complex assignments.

Hoang Nguyen contributed to the research culture of the programme through publishing multiple journal articles and delivering conference presentations, focusing on deep learning frameworks for predicting blood-brain barrier permeability and antimicrobial peptides. He published impactful work on graph convolutional networks for multitarget anticancer compound screening and exploring cardiotoxicity prediction and molecular property screening using advanced neural networks.



Minjie Hu presented innovative research on Selenium WebDriver course design and web content change detection tools, advancing IT pedagogy and automation practices at various symposiums and conferences. Steve McKinlay shared insights on artificial intelligence, irrationality, and fallibilism at an international computing and philosophy conference. Tony Assadi, in collaboration with Minjie Hu and Hamid Mahroeian, explored challenges faced by novices using ChatGPT in programming assignments, presented at *IEEE TALE 2024*. These outputs reflect the department's dynamic engagement with cutting-edge technologies and educational advancements.





Other Business Areas

Although kaimahi who teach in courses below Level seven are not required to undertake research, many do. For example, amongst the **Learner Journey** Team, Kaaryn Cater, Tiffany Stenger and Judith Hall all had articles published in 2024, while the first two also presented at several conferences.

Members of the **Teaching, Innovation & Research** Team including eCreate's George Orsborn, Alex Craven, and Angela Yates, and Senior Flexible Learning Advisor Dawn Kelly presented at the Whitireia & WelTec Research Symposium, alongside two construction tutors, Mike Pearce, and Trevor Huse. Members of the Tūāpapa team, including Jacquie Harrison, Miles Fuller, Programme Manager Emma Addington, and others, also presented at the Whitireia & WelTec Research Symposium.

In 2024, your two Senior Research Advisors, Lee and Ahmed, also continued to publish journal articles and present at conferences as well as symposiums. After all, how can we support you as researchers, if we are not research active?



Te Wānanga Māori

Bachelor of Nursing Māori | After spending 2023 in the process of unification, 2024 had the team refocusing on the Whitireia Bachelor of Nursing Māori. Kaiako continued to work towards postgraduate research qualifications during this time. In addition to this, Programme Lead Shayola Koperu worked with Programme Leads across both Pacific Nursing and Nursing on a research project looking at nursing education at Whitireia, particularly our unique position of being one of the first providers of three distinct degrees: Bachelor of Nursing Māori, Bachelor of Nursing Pacific and Bachelor of Nursing.

Te Reo Programmes | Justin Puna continues to lead the way in supporting the revitalisation of te reo. In 2024, he contributed to a presentation at the National Science Challenge on Indigenous-led solutions for marine governance and management.

Friday Research Seminar Series

In 2024, we had approximately 18 presentations from internal and external presenters in our Friday Research Seminar Series. The space was also adapted slightly to host a special series of presenters focusing on the topic of women in leadership, which were well attended. The series kicked off with a presentation by Alex Freemantle (Royal Society of New Zealand) who discussed ORCiD numbers and finished with a presentation from Lee Smith presenting on her collaborative research project (including Bachelor of Nursing kaimahi Lauren Addington) exploring how safe and inclusive the campuses of Te Pūkenga are for Rainbow ākonga. A particular highlight was Catherine Murupaenga-Ikenn's discussion on her Work for Indigenous Human Rights and Environmental Activism at the United Nations. Recordings of past seminars dating back to 2020 are available here.







2024 Whitireia & WelTec Research Symposium

On Thursday 5 December, the annual Whitireia & WelTec Research Symposium, 'Best Practice in Research: Ngā Tikanga o te Rangahau' was held at our Petone Campus. There were 29 presentations from kaimahi and post-graduate students, a new record! The event kicked off with an engaging keynote from Cherie Maria Chu-Fuluifaga and Janice Ikiua-Pasi and was very well attended. It is difficult to schedule a suitable time for the Symposium at this busy end of the year, so the Research Team were very pleased with the numbers in attendance.

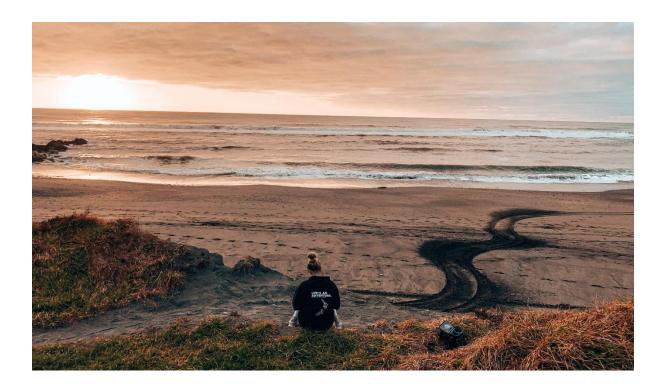
In 2025, the Symposium Team will be working on a new and improved method for the smoother downloading of presentations prior to the day. It is likely the Whitireia & WelTec Research Symposium will be held at the Whitireia Porirua campus in 2025 as we alternate between Porirua and Petone campuses each year. The Research Team were very happy with the convivial and supportive atmosphere at the event, which ideally helped those who may have been anxious presenting for the first time feel more relaxed. A particular highlight was having an entire stream devoted to Pacific research.











2024 Whitireia & WelTec Research Medals

The Whitireia & WelTec Research Medals are an initiative celebrated and supported by the Kawenata Rangahau, the Centre for Pacific Health & Social Practice, and the Teaching, Innovation & Research Team. The Research Medals are awarded in four different categories to acknowledge and recognise kaimahi who have generated high-quality research outcomes, made an outstanding research contribution, or undertaken research founded on Māori or Pacific knowledge, world views, and approaches.

The Whitireia & WelTec Research Medals were presented on Thursday 5 December, with much applause for the winners, following the Whitireia & WelTec Research Symposium 2024. Congratulations to all our 2024 Whitireia & WelTec Research Medal Winners and Nominees!

The winner of this year's Whitireia & WelTec Research Excellence Medal was Minjie Hu. This award acknowledges and honours Minjie as a staff member who has delivered substantial high-quality research outcomes, and whose work has assisted the organisation with giving back to the many communities we serve.

The winner of the 2024 Whitireia & WelTec Emerging Research Medal was Gopal Krishan, in recognition of his outstanding research contribution as an emergent researcher who has contributed widely to his field of research.

Congratulations also to Odessa Owens (Creativity & Hospitality) and Swetha Thammadi (Innovation, Design & Technology) for commendations in this category.





Research & Innovation Funding Committee

In 2024, the Research & Innovation Funding Committee approved 22 funding applications to support Whitireia & WelTec kaimahi undertaking research. You can apply to the Research & Innovation Funding Committee for funds to buy out some of your teaching time for the purposes of research, or to have a research retreat for your Programme or School. The Research & Innovation Funding Committee meet in the last week of every month via e-meeting, with applications due by the 15th of each month. If this falls on a weekend, applications are due on the next business day. Please ensure that all sections of the application are filled in and completed in Word. If you need help with your Research & Innovation Funding application, please contact Senior Research Advisor Ahmed AL-Sa'di.



Ethics & Research Committee

In 2024, the Ethics & Research Committee considered 55 research proposals and 12 memos seeking amendments to existing internal research or alternatively, from external researchers wanting to conduct research with our kaimahi or ākonga. The Ethics & Research Committee evaluates the proposals on such aspects as whether the research is achievable, robust, and safe for participants, the researcher, and the institution. Please note that very few applications gain full ethics approval on the first submission; this is very rare. The Committee also make suggestions to help strengthen your research. In 2024, we welcomed new Committee members with representatives from across multiple Schools, diverse research paradigms and specialities. Applicants are also invited to attend the meeting in which their application is discussed.

Remember that the Ethics & Research Committee meets on the last Wednesday of the month with applications due the Wednesday two weeks prior. Please ensure that all sections of the application are completed, the application is completed in Word and all forms are pasted into a single document. The latest templates and resources are available here.



ROMS 2024

Creative & Hospitality

Applied Publishing Programme

Odessa Owens

Conference Contribution - Other

Owens, O.C., & Crewdson, T.M. 19 September. (2024). What's happening in publishing in Aotearoa today? Paper presented at Te Manawa Reka Curiosity Symposium, Rotorua.

Oral presentation

Crewdson, T., & Owens, O. (2024). How we researched and published a book about books. Wellington. 2024 Whitireia & WelTec Te Pūkenga Research Symposium.

Theresa Crewdson

Oral presentation

- Crewdson, T., & Owens, O. (2024). How we researched and published a book about books. Wellington, New Zealand. 2024 Whitireia & WelTec | Te Pūkenga Research Symposium | Best Practice in Research | Nga Tikanga o te Rangahau.
- Owens, O., & Crewdson, T. (2024). What's happening in publishing in Aotearoa today?. Rotorua. Te Manawa Reka Curiosity Symposium.

Creative

Brenda Saris

Conference Contribution - Other

- Saris, B., Smith, L., Hull, N., Marshall, K., & Sullivan, D. 26 November. (2024). *Creative and performance arts tutors visually reflect on the stressors and positive factors that impact their work- life balance: A photo-elicitation approach.* Paper presented at NZARE, Hamilton, New Zealand.
- Saris, B. L. (2024). The creativity question: An activity theory analysis of transnational design learning in China. Paper presented at Communication and generation: China ASEAN Art Forum, Chongqing, China: Sichuan Fine Arts Institute School of Arts and Humanities, Art Museum and the International Cooperation and Exchange Department.
- Saris, B., & Smith, L. 5 December. (2024). Using photo elicitation to explore how shifts in governmental educational policies impact on the work/life balance of six creative and performance arts kamahi.

 Paper presented at Best Practice in Research | Nga Tikanga o te Rangahau, 2024 Whitireia & WelTec |
 Te Pūkenga Research Symposium.

Creative Technologies

Deidra Sullivan

Chapter in Book

Sullivan, D. (2024). Unsettled Histories. In Camus Wyatt (Eds.), (pp.110-116). Auckland, New Zealand: Rim Books

Conference Contribution - Other

Saris, B., Smith, L., Hull, N., Marshall, K., & Sullivan, D. 26 November. (2024). *Creative and performance arts tutors visually reflect on the stressors and positive factors that impact their work- life balance: A photo-elicitation approach.* Paper presented at NZARE, Hamilton, New Zealand.

Nikko Hull

Conference Contribution - Other

Saris, B., Smith, L., Hull, N., & Marshall, K. 26 November. (2024). *Creative and performance arts tutors visually reflect on the stressors and positive factors that impact their work-life balance: A photo-elicitation approach.* Paper presented at NZARE, Hamilton.

Performing Arts Degree Diploma

Donna Banicevich-Gera

Other Form of Assessable Output

Baniecevich Gera, Donna. (2024). Emotional, funny, moving, hypnotic, lyrical and profound. NZ Fringe Festival. Wellington.

Banicevich-Gera, D. (2024). Ensures their music is staying alive. Theatre Review.

Conference Contribution - Other

Banicevich Gera, DM. 5th December. (2024). *Desert Road*. Paper presented at Whitireia WelTec Symposium, Petone.

Emma Maddock

Conference Contribution - Other

Saris, B., Smith, L., Hull, N., Marshall, K., Sullivan, D., Maddock, E., & Sullivan, B. 26 November. (2024). *Creative and performance arts tutors visually reflect on the stressors and positive factors that impact on their work life balance: A photo elicitation approach.* Paper presented at NZARE, Hamilton.

Kate Marshall

Conference Contribution - Other

- Saris, B., Smith, L., Hull, N., Marshall, K., & Sullivan, D. 26 November. (2024). *Creative and performance arts tutors visually reflect on the stressors and positive factors that impact their work- life balance: A photo-elicitation approach.* Paper presented at NZARE, Hamilton, New Zealand.
- Saris, B., Smith, L., Hull, N., Marshall, K., Sullivan, D., Maddock, E., & Nichols, B. 26 November. (2024). *Creative and performance arts tutors visually reflect on the stressors and protective factors that impact on their work life balance: A photo-elicitation approach.* Paper presented at NZARE, Hamilton.
- Banicevich-Gera, D., & Marshall, K. 5 December. (2024). *Dessert Road*. Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research, Petone.

Health & Wellbeing

Bachelor of Nursing

Adrienne Cosslett

Conference Contribution - Other

McGrath, Belinda., & Cosslett, Adrienne. 5 December. (2024). *Generative AI in Nursing: Embracing the change or facing the challenge.* Paper presented at Annual Whitireia and Weltec Research Symposium, Petone.

Lauren Addington

Conference Contribution - Other

Smith, L., Burke, R., Kelsey, F., & Addington, L. 25 November. (2024). *Darkening the rainbow*. Paper presented at NZARE, Hamilton, New Zealand.

Addington, L., Burke, R., Gremillion, H., Kelsey, F., & Smith, L. 25 November. (2024). *Do rainbow students feel safe, included and supported within Aotearoa New Zealand's polytechnic education system.* Paper presented at NZARE, Hamilton, New Zealand.

Shivann Ramaekers

Conference Contribution - Other

Ramaekers, S., & Rook, H. 5 December. (2024). *Nurses experience of joy in their clinical practice: A scoping review.* Paper presented at Wellington, Whitireia Polytechnic.

Aristos Neocleous

Oral presentation

Harrison, J., Fuller, M., Neocleous, A., & Addington, E. (2024). Tūāpapa & the First Year of the Bachelor of Nursing: An Ākonga-centred Review of Tutor Embedding and Micro-credentials. Wellington. Research Symposium 2024. Best Practice in research.

Belinda McGrath

Oral presentation

Ramjan, L., Drury, P., Glarcher, M., McGrath, B., Richards, G., Walters, C., & Salamonson, Y. (2024). Educator perspectives on the use of Generative AI in nursing: Friend or foe?. Singapore. International Nurse Education Conference.

McGrath, BJ., & Cosslett, A. (2024). Generative AI in Nursing: Embracing the change or facing the challenge. Wellington. Research Symposium 2024: Best Practice in Research.

Clinical Laboratory Unit

Shelley Winters

Conference Contribution - Other

Price, A., & Winters, S. 5 December. (2024). How does the use of simulation-based learning impact the development of practice skills among Bachelor of Social work students. Paper presented at Whitireia and WelTec Symposium, WelTec Petone New Zealand.

Alexandra Wordsworth

Journal article

Barlow, M., Heaton, L., Ryan, C., Downer, T., Read-Searl, K., Guinea, S., Dickie, R', Wordsworth, A., Hawes, P., Lamb, A., & Andersen, P. (2024). *The Application and Integration of Evidence-Based Best Practice Standards to Healthcare Simulation Design: A Scoping Review. Clinical in Simulation Nursing*, 87.

Philip Hawes

Journal article

Barlow, M., Heaton, L., Ryan, C., Downer, T., Reid-Searl, K., Guinea, S., Dickie, R., Wordsworth, A., Hawes, P., Lamb, A., & Andersen, P. (2024). *The Application and Integration of Evidence-Based Best Practice Standards to Healthcare Simulation Design: A Scoping Review. Clinical Simulation in Nursing*, 87,

Director Teach & Learn | HOS

Carmel Haggerty

Journal article

Haggerty, Carmel., Chamberlain, Ayla., Hall, Judith., Jennings, Vicky., & Hann, Danielle. (2024). *How are Registered Nurses supporting the physical health of service users with serious mental illness?*. Whitireia Nursing, Health & Social Service Journal, 31,

Health Science Paramedic

Reuben Corlett

Conference Contribution - Other

Wijland, Y., Corlett, R., Broadbridge, C., Field, V., Hawes, P., & Fake, A. Thurday 5th December. (2024).

Breaches of patient rights by paramedics and nurses in Aotearoa New Zealand between 2014 and 2024: A descriptive statistical analysis. Paper presented at Whitireia and Weltec Research Symposium 2024, Petone Campus.

Vicky Field

Conference Contribution - Other

Wiyland, Y., Corlett, R., Broadbridge, C., Field, V., Hawes, P., & Fake, A. (2024). *A Comparison of Breaches of the HDC Code by Paramedics and Nurses between 2014 and 2024*. Paper presented at Research Symposium 2024: Best Practice in Research, Whitireia Petone Campus.

Belinda Westenra

Conference Contribution - Other

D'Souza, Catherine., Jones, Vicki., Westenra, Belinda., Wilson, Alana., Atkinson, Helen., Adams, Astrid., Heath, Lis., McAulay, Mel., & Watson, Fraser. 5 September. (2024). *P-20 Building capacity in palliative care paramedicine: a new national palliative and end-of-life care curriculum for paramedicine in Aotearoa New Zealand.* Paper presented at ANZSPM 2024, Adelaide, South Australia.

PGC Nursing

Mel Hargaden

Conference Contribution - Other

Arcus, K., Fuller, C., Hargaden, M., & Rangihuna, T. 5 December. (2024). *'Failed' research as a research finding*. Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research, Petone. **Victoria Jennings**

Journal article

Haggerty, C., Chamberlain, A., Hall, J., Jennings, V., & Hann, D. (2024). How are registered nurses supporting the physical health of service users with mental illness. Whitireia Journal of Nursing, Health and Social Services, 31, pp.35-42. doi:https://doi.org/10.34074/whit.3104

Kerri Arcus

Conference Contribution - Other

Arcus, K., Fuller, C., Hargaden, M., & Rangihuna, T. 5 December. (2024). 'Failed' research as aresearch finding.

Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research,

Petone.

Tane Rangihuna

Conference Contribution - Other

Arcus, K., Fuller, C., Hargaden, M., & Rangihuna, T. 5 December. (2024). 'Failed' research as a research finding.

Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research,

Petone.

Catherine Fuller

Conference Contribution - Other

Arcus, K., Fuller, C., Hargaden, M., & Rangihuna, T. 5 December. (2024). *'Failed' research as a research finding*.

Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research,

Petone.

PostGrad Specialty Care

Tanya Loveard

Conference Contribution - Other

Page, M., & Loveard, T. Tuesday 19th March. (2024). Engaging healthcare professional in interprofessional education to meet the growing needs of older people requiring palliative care. Paper presented at Palliative Care Nurses New Zealand, Wellington, NZ.

Loveard, T., Golds, H., & L. Tuesday, 5th November. (2024). *Palliative Care Fast track and Fundamentals programme*. Paper presented at Hospice New Zealand, Wellington, NZ.

Loveard, T., Elkin, L., & Donelly, S. Monday, 4th November. (2024). *Te Toi Porehu. The Art of Palliative Care.*Paper presented at Hospice New Zealand, Wellington, NZ.

Danielle Hann

Journal article

Haggerty, C., Chamberlain, A., Hall, J., Jennings, V., & Hann, D. (2024). How are registered nurses supporting the physical health of service users with serious mental illness. Whitireia Journal of Nursing, Health and Social Services, 31, pp.35-42. https://doi.org/10.34074/whit.3104

Elsie Colleen Molly Page

Oral presentation

Page, M., & Loveard, T. (2024). Engaging healthcare professionals in interprofessional education to meet the growing needs of older people requiring palliative care. Palliative Care Nurses New Zealand. Wellington.

Report

Heath, S., Page, M., & et al. (2024). Student nurse perceptions of working in aged care. Auckland: UNITEC.

Innovation, Design & Technology

Diane Strode

Conference contribution - Published

Senapathi, M., & Strode, D.E. (2024). *Challenges to sustaining agility: An exploratory case study.* TBC(Ed.), Proceedings of the 2024 ACM/SIGAPP symposium on applied computing, Lean and agile software development. Avila, Spain, April 8-12 2024 (pp.1-8). TBC. TBC.

Maryam Var Naseri

Conference Contribution - Other

Var Naseri. July. (2024). Advancements in Cyber Defense: The Role of Autonomic Honeypots. Paper presented at ICONIP2024, Auckland.

Bachelor of Eng Tech

Gopal Krishan

Journal article

- A Murthy, Anarghya., K Shenoy, Praveen., Krishan, Gopal., S.Patil, Ishwaragouda., V, K.Gangadharan., & Cholleti, Eshwar Reddy. (2024). *Advancements in dynamic simulation techniques for refrigeration cycles: A comprehensive review. Energy 360,* https://doi.org/10.1016/j.energ.2024.100007
- Joshi, Tanuj., Parkash, Om., Gallegos, RKB., & Krishan, Gopal. (2024). *Computational investigation of transportation and thermal characteristics in a bi-modal slurry flow through a horizontally placed pipe bend. Powder Technology*, 442, pp.119879. https://doi.org/10.1016/j.powtec.2024.119879
- Krishan, Gopal., Gallegos, RKB., & Sharma, RN. (2024). Experimental investigation of thermal characteristics of slot synthetic jet impingement on a circular cylinder: Free and constrained environment. International Journal of Heat and Mass Transfer, 230, pp.125770.

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- Joshi, Tanuj., Parkash, Om., Gallegos, RKB., & Krishan, Gopal. (2024). *Parametric investigation of slurry transport: Computational insight into the impact of particle composition and Prandtl numbers. Physics of Fluids*, 36(2), https://doi.org/10.1063/5.0187126
- Murthy, AA., Krishan, Gopal., Shenoy, P., & Patil, IS. (2024). *Theoretical, CFD modelling and experimental investigation of a four-intersecting-vane rotary expander. Applied Energy,* 353, doi:https://doi.org/10.1016/j.apenergy.2023.122145

Business Programmes

Swati Puri

Chapter in Book

Puri, S.K., & Moses, T. (2024). Board Characteristics and ESG: Evidence from New Zealand. In Lau, E., Paramitama, W., Tee, KH., Tan, L.M. (Eds.), (pp.23-42). Springer, Singapore. https://doi.org/10.1007/978-981-97-3512-9_2.

Thelma Moses

Chapter in Book

Puri, S.K., & Moses, T. (2024). Board characteristics and ESG: Evidence from New Zealand. In E. Lau, W. Paramita, K. Tee, L.M. Tan. Economics and Finance Readings: Asia-Pacific Conference on Economics and Finance, 2023. (Eds.), (pp.23-42). Malaysia: Springer.

Oral presentation

Nicolaeva, S., & Moses, T. (2024). Factors Influencing Sustainable Consumption Intention: The Mediating Role of Consumer's Behavioural Engagement. Wellington. Whitireia & WelTec/Te Pūkenga Research Symposium. Best Practice in Research Nga Tikanga o te Rangahau.

Olkan Guler

Conference Contribution - Other

Guler, O. 16 December. (2024). Session Chair. Paper presented at Whitireia and WelTec Research Symposium 2024, Petone.

Conference contribution - Published

Bui, T. H., & Guler, O. (2024). *Entrepreneurial Opportunity Recognition: A Systematic Literature Review*. Proceedings of the 17th Annual International Conference of Education, Research and Innovation, Seville, Spain. 11-13 November 2024 (Online Presentation) (pp.4235-4244).

Oral presentation

Bui, T. H., & Guler, O. (2024). Factors Influencing the Identification of Entrepreneurial Opportunities: A Systematic Review. Wellington. The Applied Business Research Community of Practice.

Yi-Mei Huang

Conference contribution - Published

Huang, Yi-Mei. (2024). *Reducing Multicollinearity with Moderated Multiple Regression*. iFAIRS Conference on Finance, Accounting, Investment, Risk Management, and Management Science https://www.ymcmr.org/ifairs/ifairs-2024-2/.

Journal article

Huang, Yi-Mei. (2024). Diagnosing and Mitigating Multicollinearity in Moderated Multiple Regression. YMC Management Review, 17, 1. pp.9-22. doi:https://dx.doi.org/10.53106/270308882024101701002

Guoyang Chen

Thesis

Chen, G. (2024). Paid staff in for-profit volunteer tourism sending organisations: A role identity perspective Victoria University of Wellington, Wellington, New Zealand.

Business

Tony Assadi

Conference contribution - Published

Assadi, T., Hu, M., & Mahroien, H. (2024). Why Novices are Reluctant to Use ChatGPT in a Complex Programming Assignment. IEEE(Ed.), IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE)

Chalinor Baliuag

Oral presentation

Mohandas, C., & Baliuag, C. (2024). Quantum Resistant Digital Signature Schemes for Post-Quantum Blockchain. Wellington. W&W Symposium.

Information Tech Programme

Hamid Mahroeian

Conference Contribution - Other

Hu, MH., Mahroeian, HM., & Assadi, TA. (2024). Why Novices Were Reluctant Using ChatGPT in a Complex Assignment. Paper presented at IEEE TALE 2024, India.

Richa Panjabi

Conference Contribution - Other

Panjabi, Richa., AL-Sa'di, Ahmed., & Ahmad, Esraa. 29th -30th November. (2024). Advantage of Using AI In Education to Enhance Learning: Review and Analysis. Paper presented at 2nd IEEE DMIHER(DU) International Conference on Artificial Intelligence in Education and Industry 4.0, Virtual Presentation at Datta Meghe Institute of Higher Education and Research, Sawangi (Meghe), Wardha- 442107, Maharashtra, India.

Panjabi, Richa. 5th December. (2024). *Chairperson.* Paper presented at W&W Research Symposium 2024, Wellington Institute of Technology (WelTec).

Oral presentation

Panjabi, Richa., AL-Sa'di, Ahmed., & Ahmad, Esraa. (2024). Advantage of Using AI In Education to Enhance Learning: Review and Analysis. Wellington Institute of Technology (WelTec), Petone, New Zealand. W&W Research Symposium 2024.

Conference contribution - Published

Panjabi, Richa., AL-Sa'di, Ahmed., & Ahmad, Esraa. (2024). *Advantage of Using AI In Education to Enhance Learning: Review and Analysis.* 2024 2nd DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry (IDICAIEI) DOI: 10.1109/IDICAIEI61867.2024.

Steven McKinlay

Conference Contribution - Other

McKinlay, S.T. July. (2024). *Artificial Intelligence, Irrationality and Fallibilism*. Paper presented at International Association of Computing and Philosophy, Eugene, Oregon.

Abubakar Siddique

Conference contribution - Published

Siddique, A., Heider, M., Iqbal, M., & Shiraishi, H. (2024). A Survey on Learning Classifier Systems from 2022 to 2024. The Genetic and Evolutionary Computation Conference(Ed.), GECCO 24, Evolutionary Computation Conference Companion (pp.1797-1806). https://doi.org/10.1145/3638530.3664165.

Siddique, A., Browne, WN., & Urbanowicz, RJ. (2024). *Evolutionary Machine Learning for Interpretable and eXplainable AI*. GECCO 24, Evolutionary Computation Conference Companion (pp.1038-1068).

Siddique, A., Iqbal, M., & Browne, WN. (2024). *Incorporating Attention into Rule-Based Machine Learning*. IEEE(Ed.), 39th International Conference on Image and Vision Computing New Zealand (IVCNZ) (pp.1-6). 10.1109/IVCNZ64857.2024.10794461.

Dax Roberts

Conference contribution - Published

Dhaliwal, J.S., & Roberts, D. (2024). *Cybersecurity Awareness among International Students in Aotearoa New Zealand*. 15th Annual Conference of Computing and Information Technology Research and Education New Zealand (CITRENZ 2024) 10.34074/ctz.2410.

Hoang Nguyen

Conference contribution - Published

- Nguyen-Vo, T.-H., Do, T.T.T., & Nguyen, B.P. (2024). *An Effective Ensemble Deep Learning Framework for Blood-brain Barrier Permeability Prediction*. 2024 IEEE Conference on Artificial Intelligence (CAI), 158-163 (pp.158-163). 10.1109/CAI59869.2024.00038.
- Nguyen-Vo, T.-H., Rahardja, S., & Nguyen, B.P. (2024). *i6mA-CNN: A Web-based System to Identify DNA N6-Methyladenine Sites in Mouse Genomes.* 2024 IEEE International Symposium on Circuits and Systems (ISCAS) (pp.1-5). 10.1109/ISCAS58744.2024.10558061.

Journal article

- Nguyen, Q.H., Nguyen-Vo, T.-H., Do, T.T.T., & Nguyen, B.P. (2024). *An efficient hybrid deep learning architecture for predicting short antimicrobial peptides. Proteomics,* 24, 14. pp.2300382. doi:10.1002/pmic.202300382
- Nguyen-Vo, T.-H., Teesdale-Spittle, P., Harvey, J.E., & Nguyen, B.P. (2024). *Molecular representations in bio-cheminformatics. Memetic Computing*, 16, pp.519–536. doi:10.1007/s12293-024-00414-6
- Nguyen-Vo, T.-H., Do, T.T.T., & Nguyen, B.P. (2024). *Multitask Learning on Graph Convolutional Residual Neural Networks for Screening of Multitarget Anticancer Compounds. Journal of Chemical Information and Modeling*, 64, 18. pp.6957-6968.
- Vinh, T., Nguyen, L., Trinh, Q.H., Nguyen-Vo, T.-H., & Nguyen, B.P. (2024). *Predicting Cardiotoxicity of Molecules Using Attention-Based Graph Neural Networks. Journal of Chemical Information and Modeling*, 64, 6. pp.1816-1827. doi:10.1021/acs.jcim.3c01286
- Nguyen-Vo, T.-H., Do, T.T.T., & Nguyen, B.P. (2024). *ResGAT: Residual Graph Attention Networks for molecular property prediction. Memetic Computing,* 16, pp.491-503. doi:10.1007/s12293-024-00423-5

Marta Vos

Conference contribution - Published

Hu, M., Assadi, T., & Vos, M. E. (2024). A W-WRAITEC Model for Enhancing International Students' Writing Academically at Post-graduate Level. CITRENZ 2023

Minjie Hu

Conference contribution - Published

- Qiu, T., & Hu, M. (2024). A Tool for Detecting Web Content Changes When Preparing for Offline Tutorial Documents. CITRENZ 2024 Conference, 2-4 October, Otago Polytechnic, Dunedin, NZ 10.34074/ctz.244.
- Hu, M., & Trofimov, A. (2024). *Course Design of Introducing Selenium WebDriver*. 2024 IEEE International Conference on Software Testing, Verification and Validation Workshops (ICSTW), Toronto, ON, Canada. (pp.340-348). 10.1109/ICSTW60967.2024.00065.

Yuliya Khrypko

Conference contribution - Published

AL-Sa'di, A., & Khrypko, Y. (2024). *User Experience For Online Course Strategies: EduFlex Framework*. ICBIR2024 9th International Conference of Business and Industrial Research (pp.1587-1592).

Professional Practice

Joey Domdom

Conference Contribution - Other

Tallon, R., & Domdom, J. 5 December. (2024). Engagement and Restraint in Secular Spaces: Identity Disclosure from the Perspective of Christian Social Service Practitioners. Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research, Petone.

Rachel Tallon

Conference Contribution - Other

- Tallon, R., & DomDom, J. 5 December. (2024). Engagement and Restraint in Secular Spaces: Identity Disclosure from the Perspective of Christian Social Service Practitioners. Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research, Petone.
- Tallon, R, Fountain, P., & Troughton, G. 5 December. (2024). *Questioning the rules and regulations: Findings* from a qualitative study exploring how religious leaders navigated the COVID-19 Pandemic. Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research, Petone.

Wendy Trimmer

Journal article

Kainuku, Y., & Trimmer, W. (2024). *Tiaki moemoeā: The dreamkeepers' role in supporting Pacific learner aspirations. Whitireia Journal of Nursing, Health and Social Services,* 31, pp.67-79. doi:https://doi.org/10.34074/whit.3107

Built Environment

Swetha Thammadi

Chapter in Book

Pisini, S., Thammadi, S., & Wilkinson, S. (2024). Embodied Carbon Emissions for Net Zero Buildings: A Comprehensive Study of New Zealand. In Rotimi, J.O.B., Shahzad, W.M., Sutrisna, M., Kahandawa, R. (Eds.), Vol 480: (pp.739-755). Springer, Cham.

Conference Contribution - Other

Thammadi, Swetha., Pisini, Sateesh., & Shukla, Sanjay. 25-26 Nov. (2024). *Quantitative lifecycle sustainability assessment of asphalt pavement*. Paper presented at An International Conference on Research and Innovation for Sustainability in Civil Engineering. Lecture Notes in Civil Engineering, Springer, Singapore., Dhanbad, India.

Discussion/Working Paper

Hafiz, Mashrur., Singh, Simron J., Pisini, Sateesh K., & Thammadi, Swetha. (2024). Islands at the brink - country brief: Fiji. IDRC. Canada.

Other Form of Assessable Output

Thammadi, Swetha. (2024). Resilient Futures Through GEI: Reflections from the Gender Equality and Inclusion (GEI) Workshop. IDRC Canada. https://clareprogramme.org/update/resilient-futures-through-gei-reflections-from-the-gender-equality-and-inclusion-gei-workshop/.

Olufunto Ijatuyi

Journal article

Fakere, A.A., Ijatuyi, O.O., & Olanrewaju, S.D. (2024). Assessment of Neighbourhood Satisfaction in Public Housing Estates in Akure Nigeria. Journal of Urban and Environmental Research, 3 (2), pp.117-123.

Learner Pathways & Support

Learner Journey

Tiffany Stenger

Journal article

Stenger, T. J., Kelly, S., & Tallon, R. (2024). What's in a Name? Challenges Vocational Educators Face with Diagnostic Labels Associated with Neurodivergence. Whitireia Journal of Nursing, Health and Social Services, 31, pp.53-53. doi:https://doi.org/10.34074/whit.3105

Oral presentation

Stenger, T., & Cater, K. (2024). How learning advisors can help create inclusive learning environments where neurodiversity is embraced. Online. ICALLD Symposium over time.

Stenger, T. J. (2024). Memorable moments and formal training: How vocational educators learned about neurodivergence. Hamilton. Memorable moments and formal training: How vocational educators learned about neurodivergence.

Kaaryn Cater

Journal article

Bassett, M., Cater, K.M., Gearing, N., & Allen, Q. (2024). If We Can Do It, So Can You: How Doctoral Study Leads to Personal and Professional Growth for Tertiary Learning Advisors. ATLAANZ Journal, 7, 1. pp.2463-3453.

Oral presentation

Cater, KM. (2024). Branching out: How learning advisors can promote student wellbeing through nature-based learning tools and interventions. Wellington. ATLAANZ.

Cater, KM. (2024). Environmental Sensitivity: The Elephant in the Classroom. Hamilton. NZARE.

Cater, KM., & Stenger, T. (2024). How can learning advisors help create inclusive learning spaces where neurodiversity is embraced?. International. ICALLD.

Cater, KM., & Stenger, T. (2024). How can learning advisors help create inclusive learning spaces where neurodiversity is embraced?. Wellington. ATLAANZ/ChatLAANZ.

Cater, KM., & Stenger, T. (2024). How can learning advisors help create inclusive learning spaces where neurodiversity is embraced? Second session. International. ICALLD.

Other Form of Assessable Output

Cater, K.M. (2024). Why Connection with Nature is Important for High Sensitivity People. Donders Wonders, Donders Institute for Brain, Cognition and Behaviour. Nijmegen, The Netherlands.

Pacific Health & Social Practice

Bachelor of Nursing Pacific

Mira Schutz

Conference Contribution - Other

Schutz, T.C. 5 December. (2024). *I-Kiribati Health Model of Navigating Health Practices in Aotearoa New Zealand*. Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research, Petone.

Journal article

Mullane, T., Tasi, T.L-L., & Isaako-Toloa, L. (2024). *The Place of Tangata Moana: The Whitireia Experience. Whitireia Journal of Nursing, Health and Social Services,* 31, pp.7-10. doi:https://doi.org/10.34074/whit.3101

Oral presentation

Schutz, T.C. (2024). Indigenous IKiribati health and wellbeing perceptions and practices in Aotearoa New Zealand. Auckland. Indigenous Wellbeing International Conference.

Loma-Linda Tasi

Journal article

Mullane, T., Tasi, T.L-L., Schutz, T., & Isaako-Toloa, L. (2024). *The Place of Tangata Moana: The Whitireia Experience. Whitireia Journal of Nursing, Health and Social Services,* 31, pp.7-10. doi:https://doi.org/10.34074/whit.3101

Bachelor of Social Work

Ashleigh Price

Conference Contribution - Other

Price, S., & Winters, S. 5 December. (2024). *Simulation-based Learning in Social Work Education*. Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research, Petone.

Hawa Matthews

Conference Contribution - Other

Matthews, Hawa. 5 December. (2024). *The Basics of Grounded Theory Methodology |*. Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research, Petone.

Matthews, Hawa. 5 December. (2024). *Understanding Core Competency in Social Work with Ethnic and Cultural Groups: An Interpretive Study of Six Practitioners and Students in Aotearoa New Zealand.*Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research, Petone.

Sosefo Havea

Conference Contribution - Other

Havea, S.F. (2024). *The Tongan Concept of Fahu: The Best Social Work Practice.* Paper presented at Wellington, Whitireia.

Bachelor of Counselling & Addiction Practice

Stephen Hogan

Journal article

Hogan, S., & Smith, L. (2024). Third-year Ākonga Reflections on the Bachelor of Counselling and Addiction Practice: Evaluating the Degree. Whitireia Journal of Nursing, Health and Social Services, 31, pp.11-20. https://doi.org/10.34074/whit.3102

Pacific Strategy Group

Roger Ngahooro

Conference Contribution - Other

Ngahooro, R. 5 December. (2024). *Whose competency?*. Paper presented at 2024 Whitireia and WelTec Research Symposium Best Practice in Research, Petone.

Tania Mullane

Conference Contribution - Other

Mullane, T., Smith, M., Mitaera, J., Carrington, S., & Smith, L. 12 September. (2024). *Oral health in undergraduate Pacific nurse training*. Paper presented at Faculty of Dentistry Clinical and Research Excellence Symposium, University of Otago Faculty of Dentistry/Sir John Walsh Research Institute, Dunedin.

Journal article

Mullane, T., Tasi, T.L-L., Schutz, T., & Isaako-Taloa, L. (2024). *The place of Tanagata Moana: The Whitireia experience. Whitireia Journal of Nursing, Health and Social Services,* 31, pp.7-10. https://doi.org/10.34074/whit.3101

Te Wānanga Māori

Te Wānanga Māori

Justin Puna

Report

Puna, J., Lawrence, H., May, K., Mangaharuru-Tangitu trust, & NIWA. (2024). *He kainga taurika - Our treasured environment*. Wellington, NZ: National Science Challenge: Sustainable Seas.

Teaching Innovation & Research

Teaching Innovation & Research

Georgina Orsborn

Oral presentation

Pearce, M., Huse, T., Yates, A., Craven, A., Orsborn, G., & Kelly, D. (2024). Unifying Construction Education Through Engaging eLearning. Petone. Research Symposium 2024.