



TE KĀKANO - NETWORK FOR WELLBEING
THROUGH PHYSICAL ACTIVITY & SPORT RESEARCH

Te Kākano Research Network Newsletter

July 2023

Tēnā koutou katoa e Te Kākano whānau

As we reach the midway point of the year, it's an opportune moment to reflect on the progress to date while also looking forward to the second half of the year

Te Kākano Research Network Knowledge Mobilisation Grant 2022

We are pleased to announce our final grant recipient, Susana Sotutu. She will commence her research this year.



"This research presents a deeply integrated relational perspective in which relational connections (past, present and future) form the heart of meaningful sporting experiences for young Pasifika girls in rugby. My hope is to develop multiple appealing modes of dissemination of these findings through the likes of talanoa, infographic posters, mini-cue card conversation starters to serve decision-making adults with helpful insights and prompts to engage Pasifika girls with greater understanding."

(Susana)

Supporting Early Career Researcher

We have activated an early career researchers' group to connect researchers and PG students with similar research interests. Te Kākano's mission is to enhance mana, connectedness and health through physical activity and sport. Our kaupapa focus on the well-being of people and the vitality of our community through physical activity. If you think your research topic aligns with [Te Kākano kaupapa](#) and would like to mix and mingle, please contact Chien (Research Fellow) at chien.ting@aut.ac.nz, or contact us at te-kakano@aut.ac.nz

Research impact

Members of Te Kākano Research Network are also contributing to the International Society of Behavioral Nutrition and Physical Activity [ISBNPA](https://isbnpa.org) and among other initiatives are currently conducting a scoping review to better understand research impact. The project was presented at ISBNPA annual conference in June 2023. For more information about the project and ISBNPA's annual conference and initiatives, go to <https://isbnpa.org/isbnpa-strategic-plan-homepage/> and <https://annualmeeting.isbnpa.org/>



Our mission:

**To enhance mana,
connectedness and
health through
physical activity and
sport.**



TE KĀKANO - NETWORK FOR WELLBEING THROUGH PHYSICAL ACTIVITY & SPORT RESEARCH

Formation of the ISBNPA indigenous research group: In preparation for the conference the group ran a 5-part series of talking circles, online, with input from Indigenous and Allied scholars and elders. If you are interested to know more, visit The International Society of Behavioral Nutrition and Physical Activity (ISBNPA) at [ISBNPA – Advancing Behavior Change Science](#)

Research support

Currently, we are supporting a team of scholars in their application to MBIE “MAURI TŪ, MAURI ORA: Optimising rangatahi/youth wellbeing through physical activity and sport.

Website

We are pleased to announce that our website is up and running!

Check out our kaupapa here are at

<https://te-kakano.aut.ac.nz/>

You can also check out our newsletters, upcoming events and much more on the website.

<https://te-kakano.aut.ac.nz/our-research>

Publications

Here are some recent publications from our members

- Warbrick, I., Makiha, R., Heke, D., Hikuroa, D., Awatere, S., & Smith, V. (2023). Te Maramataka—An Indigenous System of Attuning with the Environment, and Its Role in Modern Health and Well-Being. *International Journal of Environmental Research and Public Health*, 20(3), 2739.
- Damon, Z., Leberman, S., Wells, J., Burton, L., Ferkins, L., Weese, J., & Welty Peachey, J. (2022). Privileging practice in sport leadership: Applying relational reflexivity. *Journal of Sport Management*, 36, 394-407. DOI: <https://doi.org/10.1123/jsm.2020-0407>
- Cerin, Ester, James F. Sallis, Deborah Salvo, Erica Hinckson, Terry L. Conway, Neville Owen, Delfien van Dyck, Melanie Lowe, Carl Higgs, Anne Vernez Moudon, Marc A. Adams, Kelli L. Cain, Lars Breum Christiansen, Rachel Davey, Jan Dygrýn, Lawrence D. Frank, Rodrigo Reis, Olga L. Sarmiento, Deepti Adlakha, Geoff Boeing, Shiqin Liu, and Billie Giles-Corti. 2022. Determining thresholds for spatial urban design and transport features that support walking to create healthy and sustainable cities: findings from the IPEN Adult study. *The Lancet Global Health* 10 (6): e895-e906. [https://doi.org/10.1016/S2214-109X\(22\)00068-7](https://doi.org/10.1016/S2214-109X(22)00068-7)
- Ting, C. J. (2023). “I feel the government is making an effort”: hegemonic power in Indigenous language revitalisation. *New Zealand Journal of Asian Studies*, 25 (1), 95-112
- Molloy, T., Ferkins, L., & Dickson, G. (2022). Nomination committees and National Sport Organizations: Designing the way to democracy? *Journal of Global Sport Management*. Advanced online publication
DOI: <https://doi.org/10.1080/24704067.2022.2062029>
- Hume, P. A., Lewis, G., Brown, S., Rashid, U., Theadom, A., & Taylor, D. (2023). NZ-RugbyHealth study: Current postural control ability of former rugby union and non-contact sport players. *Sports Medicine*, 10. <https://doi.org/10.1007/s40279-023-01864-7>
- McGeown, J., Pedersen, M., Hume, P. A., Theadom, A., Kara, S., & Russell, B. (2023). A novel method to assist clinical management of mild traumatic brain injury by classifying patient



TE KĀKANO - NETWORK FOR WELLBEING THROUGH PHYSICAL ACTIVITY & SPORT RESEARCH

subgroups using wearable sensors and deep learning: A pilot study. *Biomechanics*, 3, 231–249. <https://doi.org/https://doi.org/10.3390/>

- Boeing, Geoff, Carl Higgs, Shiqin Liu, Billie Giles-Corti, James F. Sallis, Ester Cerin, Melanie Lowe, Deepti Adlakha, Erica Hinckson, Anne Vernez Moudon, Deborah Salvo, Marc A. Adams, Ligia V. Barrozo, Tamara Bozovic, Xavier Delclòs-Alió, Jan Dygrýn, Sara Ferguson, Klaus Gebel, Thanh Phuong Ho, Poh-Chin Lai, Joan C. Martori, Kornsupha Nitvimol, Ana Queralt, Jennifer D. Roberts, Garba H. Sambo, Jasper Schipperijn, David Vale, Nico Van de Weghe, Guillem Vich, and Jonathan Arundel. 2022. "Using open data and open-source software to develop spatial indicators of urban design and transport features for achieving healthy and sustainable cities." *The Lancet Global Health* 10 (6): e907-e918. [https://doi.org/10.1016/S2214-109X\(22\)00072-9](https://doi.org/10.1016/S2214-109X(22)00072-9)

UPCOMING CONFERENCES

Upcoming conferences that we are contributing to: hosted by the Asia-Pacific Society for Physical Activity (ASPA) and Sport and Exercise Science NZ (SESNZ) at Te Herenga Waka, Victoria University of Wellington this November. These conferences align closely with the goals of Te Kākano Research Network, which aims to foster multidisciplinary research through collaboration and unlock the potential of people, environments, and innovative technologies to create health, social, and economic benefits of physical activity and sport for all New Zealanders.

The ASPA conference will take place on 27-28 November, and the SESNZ conference will follow on 28-29 November. Attendees can register with either ASPA or SESNZ for the two- or three-day program. All attendees will have access to the shared program on 28th November.

ASPA's conference theme "Mahi Tahi – Working Together" emphasises the importance of collaboration and collective efforts to advance physical activity. ASPA is currently accepting abstract submissions related to physical activity research, policy, or practice. For more information on abstract submission, please visit <https://aspactivity.org/conference/aspa-2023-conference/>.

More information on the Sport and Exercise Science NZ conference will be available soon at <https://sesnz.org.nz/>.

We hope to see many of you at these conferences in Wellington in November.

Thank you for your continuing engagement with us to support our mission that aims to enhance mana, connectedness and health of NZers through physical activity and sport. Please contact us if you have any questions or suggestions by emailing te-kakano@aut.ac.nz

Happy Matariki

Te Kākano Research Network core team

Erica, Chien, Robb, Lesley, Lisa, Isaac