



School of Environmental and Animal Sciences Research Symposium 2024

Welcome to the Unitec School of Environmental and Animal Sciences Symposium. This Symposium invites researchers from across Aotearoa New Zealand in fields including:

- Ecology
- Conservation
- Veterinary nursing
- Animal health
- Taxonomy
- Animal behaviour
- Animal welfare
- Human behaviour change
- Environmental genetics

Our Symposium is open to a range of researchers, including undergraduate and postgraduate students, new researchers, and established researchers. Invitation to present is open to any researcher, including from academic institutes, industry organisations, and independents. Attendance is also open to anyone interested in the research environment on the above topics within Aotearoa New Zealand.

Why Attend?

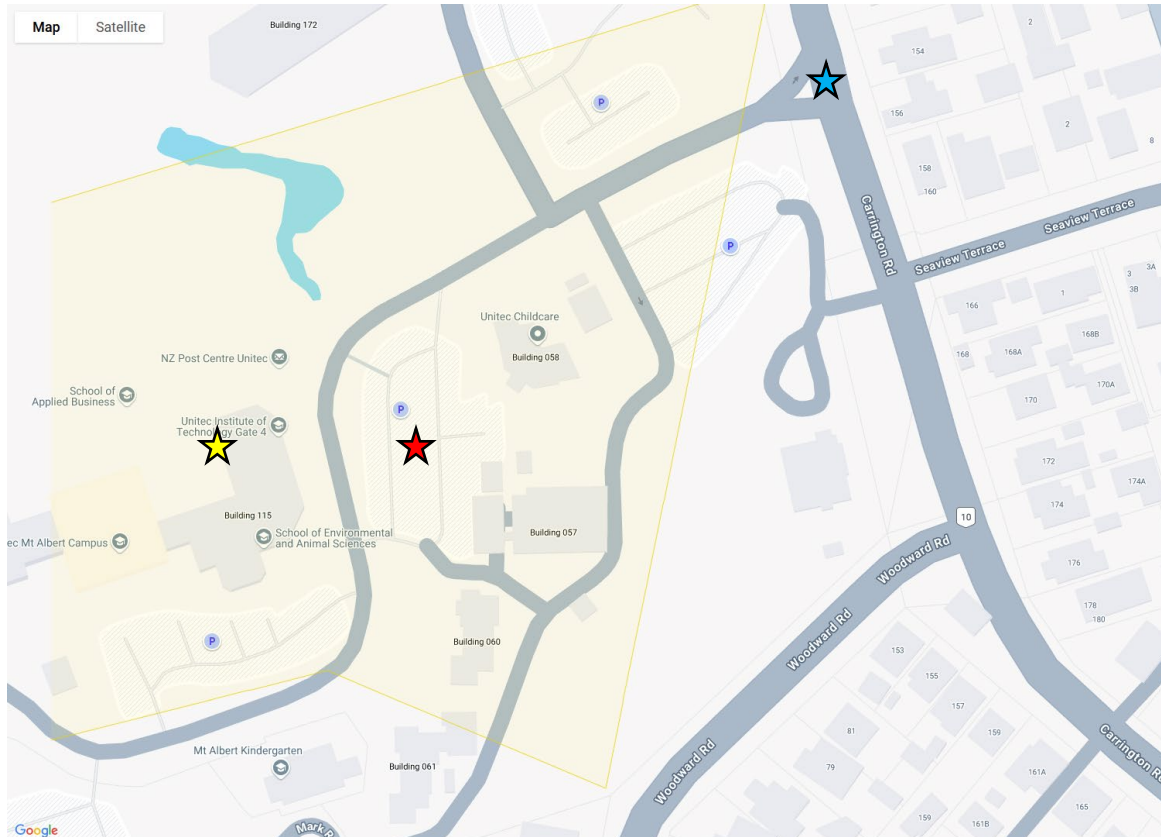
- **Networking:** Connect with fellow ECRs, established researchers, and industry professionals. Forge collaborations that transcend disciplinary boundaries.
- **Visibility:** Elevate your research profile by presenting your work to a diverse audience. Gain recognition and inspire others.
- **Feedback:** Receive constructive feedback from peers and mentors. Refine your research trajectory.
- **Inspiration:** Engage with thought-provoking talks, panels, and workshops. Fuel your curiosity and ignite new research directions.

Symposium Details

Date: 16th November 2024

Time: 9am (see schedule below)

Location: Unitec Campus, Carrington Road, Mount Albert
Gate 4, Building 115



Blue star – Gate 4 entry on Carrington Road, near Woodward Road

Red star – Recommended parking (free)

Yellow star – entry to Building 115 (cross at the pedestrian crossing at the corner of the road, come around the short side of the 3 story building and turn to the left into the courtyard; entry is on your left)

Thank you for joining our Symposium and supporting Aotearoa New Zealand environmental and animal sciences researchers!

Programme schedule

Time	Session
9:00-9:30am	Registration
9.30-9.45	Welcome
9.45-10:15	Keynote 1 – Nicholas Ward
10:20-10:40	Morning Tea
10:45-11:15	Session 1: oral presentations by EAS undergrad students; Chair: Diane Fraser 1: Rachel Klein - <i>The art of nesting: variations in nest construction among native passerines on Rēkohu, Chatham Islands</i> 2: Hannah Coyle - <i>Use of a dog for detecting kauri dieback in soil</i>
11:15-12:30	Session 2: oral presentations by postgraduate students; Chair: Sarah Wells 1: Samuel Clough - <i>Hungry and looking for a home: First investigations of diet and habitat overlap in three deep-sea squid species</i> 2: Jayden Bradley - <i>Assessing herpetofauna biodiversity and conservation on Motiti Island</i> 3: Amy Gwynne - <i>The invasive Himalayan wineberry (Rubus ellipticus) in Albany, Auckland</i> 4: Karla Butcher - <i>Biosecurity on Rēkohu/Chatham Islands</i> 5: Kristina Naden - <i>Assessment of affective state for horses engaged in therapeutic riding</i>
12:30-1:30	Lunch
1:30-2:00	Keynote 2 – Nigel Adams
2:00-2:30	Poster presentations
2:30-4:15	Session 3: oral presentations; Chair: Glenn Aguilar 1: Kristie Cameron - <i>The litterbox: the smelly war no one signed up for</i> 2: Caralyn Kemp - <i>The effectiveness of a verbal warning mitigating unwanted visitor behaviour at an aquarium</i> 3: Kate Harder - <i>Establishing presence of soil transmitted helminths, leptospirosis, and heartworm in the canine population of Tongatapu and Vava'u islands, Kingdom of Tonga.</i> 4: Joanna Clough - <i>Reducing dog incidents</i> 5: Sofia Chambers - <i>Human responses to generative artificial intelligence in learning and teaching environments</i> 6: Sarah Wells - <i>Conservation genomics of Ngā roimata ō Tōhe (Pimelea eremitica), a critically endangered endemic plant.</i> 7: Alexander Wilson - <i>Understanding hypertensive heart disease using comparative medicine</i>
4:15-4:30	Close
4:30	Networking drinks and nibbles

Posters

Chloe McMenamin - Impacts of commonly used anti-parasitic treatment in companion animal species - fluralaner - on non-target invertebrate populations

Ben Goodwin - Preliminary results on the susceptibility of adult *Teleogryllus Commodus* (crickets) used as model organisms in place of *Hemiandrous Maculifrons* (New Zealand ground wetā) to Fluralaner, a commonly used anti-parasitic used in companion animal veterinary medicine

Lauren Prior - Exposure to waste anaesthetic gases (WAGs) in New Zealand veterinary practices

Andrew Marshall - Hidden diversity revealed through collection and analysis of crustose lichens

Jemma Owen - Is lilly pilly beetle a threat to New Zealand's native *Syzygium maire*?

Renee Flower - Guinea pig housing & welfare