



**AUT**

# **Supervisors' Research Areas**

## **Faculty of Health & Environmental Sciences**

**March 2024**

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All international PhD candidates will be treated as if they are residents and pay only domestic fees if they are:

1. Enrolled in a PhD programme at a New Zealand university.
2. Resident in New Zealand for the duration of their study

More details about fees can be found on the [AUT website](#).

Full Academic profiles of supervisors are available at <https://academics.aut.ac.nz/>

## Dean/Tumuaki



### **Professor Brett Cowan**

Dean/Tumuaki

Faculty of Health & Environmental Sciences

Professor Brett Cowan is the Dean/Tumuaki of the Faculty of Health and Environmental Sciences (HES) and joined the AUT whānau at the beginning of 2024.

Brett joined AUT from the Crown Research Institute, Environmental Science and Research (ESR), where he has served as Chief Scientist and General Manager Research, Head of Commercialisation and Māori Economy.

Prior to this, Brett's career has included various roles as an academic, as a research and administrative leader at the University of Auckland and as an emergency medicine clinician.

Brett has a remarkable career in health, science, leadership, and public service, including:




- In health, training as a doctor and an academic career in health sciences at the University of Auckland, including setting up the internationally recognised Centre for Advanced MRI (CAMRI).

- The successful delivery of Te Tiriti partnerships with iwi, which delivered academic, research and commercial outcomes, and built strong and enduring relationships and collaborations.
- Scientific leadership across diverse roles, including most recently as Chief Scientist and GM Research at ESR (400 scientists and \$130 million revenue), and in New Zealand's scientific response to the COVID-19 pandemic.
- A clinical career as an Emergency Department doctor.
- Leadership in research, science, commercialisation and impact, which drew together his engineering, medical and business experience, and credentials.


Brett describes himself as having a passion for health and science leadership and innovation and developing high-performing teams to deliver aspirational strategic futures.

## Associate Deans


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods</li> <li>• Ethnography</li> <li>• Case study</li> <li>• Grounded theory</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Women's health</li> <li>• Sexual and reproductive health</li> <li>• Migrant and vulnerable populations</li> <li>• Asia and Pacific populations</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/eleonor.holroyd">https://academics.aut.ac.nz/eleonor.holroyd</a></p>
<p><b>Professor Nicola Kayes</b></p>	<p>Associate Dean Research &amp; Enterprise Director, Centre for Person Centred Research Ph (09) 921 9999 ext 7309   Email: <a href="mailto:nkayes@aut.ac.nz">nkayes@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods</li> <li>• Applied qualitative methodologies including Qualitative Descriptive and Interpretive Descriptive</li> <li>• Measurement development</li> <li>• Implementation science methodologies</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• The intersection of health psychology and rehabilitation</li> <li>• Exploration of factors influencing adjustment to chronic and long-term conditions and engagement in rehabilitation</li> <li>• Development of interventions targeting such factors</li> <li>• Critical examination and conceptual clarification of core rehabilitation processes – e.g. goal setting, therapeutic connection, engagement</li> <li>• Psychologically informed approaches to enhance rehabilitation outcome</li> <li>• Exploration of the role that allied health professionals have in influencing engagement and strategies to augment practice</li> <li>• Outcome measurement in rehabilitation</li> <li>• Physical activity engagement for people with neurological conditions</li> <li>• Integrating new ways of working into practice</li> </ul> <p><i>Can supervise Masters and Doctoral</i> <a href="https://academics.aut.ac.nz/nicola.kayes">https://academics.aut.ac.nz/nicola.kayes</a></p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods (combining quantitative and qualitative methods)</li> <li>• Experimental and clinical trials</li> <li>• Implementation science</li> <li>• Qualitative descriptive</li> <li>• Delphi studies</li> <li>• Systematic and Scoping Reviews</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Neurorehabilitation / Stroke Rehabilitation (intervention development and evaluation)</li> <li>• Telerehabilitation, digital health interventions and rehabilitation technology development</li> <li>• Motor control and learning</li> <li>• Neuroscience</li> <li>• Neuromodulation</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/nada.signal">https://academics.aut.ac.nz/nada.signal</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods – quantitative and qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Public health and epidemiology with specific focus on Pacific health related issues</li> <li>• Men's health</li> <li>• Fatherhood and fathering behaviours</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/dan.tautolo">https://academics.aut.ac.nz/dan.tautolo</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative (primarily) and quantitative</li> <li>• Māori-centred Kaupapa Māori</li> <li>• Grounded theory</li> <li>• Case study</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Māori/indigenous health</li> <li>• Cultural issues</li> <li>• Family violence</li> <li>• Health workforce development</li> </ul> <p><i>Can supervise Masters and Doctoral</i>  <a href="https://academics.aut.ac.nz/denise.wilson">https://academics.aut.ac.nz/denise.wilson</a> </p>



# School of Clinical Sciences


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Critical theory and qualitative research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Midwifery</li> <li>• Midwifery practice</li> <li>• Midwifery education</li> <li>• Place of birth</li> <li>• Maternal mental health</li> <li>• Research methodology</li> </ul> <p><i>Can supervise Masters and Doctoral</i>  <a href="https://academics.aut.ac.nz/judith.mcara">https://academics.aut.ac.nz/judith.mcara</a> </p>




## Health and Rehabilitation Research Institute (HRRI) <https://hrri.aut.ac.nz/>



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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Chronic pain</li> <li>• Pain management</li> <li>• Pain assessment</li> <li>• Health psychology</li> <li>• Virtual reality</li> </ul> <p><i>Can supervise Honours and Masters and Doctoral</i>  <a href="https://academics.aut.ac.nz/debbie.bean">https://academics.aut.ac.nz/debbie.bean</a> </p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative research, in particular qualitative descriptive, interpretive description and Voice centred relational approach</li> <li>• Conceptual review</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Acquired neurological conditions</li> <li>• Psychosocial wellbeing including hope</li> <li>• Patient engagement</li> </ul>




	<ul style="list-style-type: none"> <li>• Healthcare communication including patient-practitioner interaction</li> <li>• Professional practice in rehabilitation</li> <li>• Communication disability</li> <li>• Clinical education</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/felicity.bright">https://academics.aut.ac.nz/felicity.bright</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Foucauldian discourse analysis</li> <li>• Qualitative inquiry and analysis applying social constructionism, postmodern, post-structural or similar sociological theories</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Intersections between rehabilitation and sociology</li> <li>• Vocational rehabilitation and work ability</li> <li>• Recovery and adaption after disabling injury, illness, experiences</li> <li>• Productive citizenship and disability</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/joanna.fadyl">https://academics.aut.ac.nz/joanna.fadyl</a></p>
<b>Professor Nicola Kayes</b>	Director, Centre for Person Centred Research Senior Lecturer - Rehabilitation Ph (09) 921 9999 ext 7309   Email: <a href="mailto:nkayes@aut.ac.nz">nkayes@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods</li> <li>• Applied qualitative methodologies including Qualitative Descriptive and Interpretive Descriptive</li> <li>• Measurement development</li> <li>• Implementation science methodologies</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• The intersection of health psychology and rehabilitation</li> <li>• Exploration of factors influencing adjustment to chronic and long-term conditions and engagement in rehabilitation</li> <li>• Development of interventions targeting such factors</li> <li>• Critical examination and conceptual clarification of core rehabilitation processes – e.g. goal setting, therapeutic connection, engagement</li> <li>• Psychologically informed approaches to enhance rehabilitation outcome</li> <li>• Exploration of the role that allied health professionals have in influencing engagement and strategies to augment practice</li> <li>• Outcome measurement in rehabilitation</li> <li>• Physical activity engagement for people with neurological conditions</li> <li>• Integrating new ways of working into practice</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/nicola.kayes">https://academics.aut.ac.nz/nicola.kayes</a></p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Experimental</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Neurophysiology</li> <li>• Motor control</li> <li>• Movement disorders</li> <li>• Rehabilitation</li> <li>• Pain</li> <li>• Rehabilitation technology</li> <li>• Virtual reality</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/gwyn.lewis">https://academics.aut.ac.nz/gwyn.lewis</a></p>
<p><b>Dr Nico Magni</b></p>	<p>Senior Lecturer – School of Clinical Sciences Ph (09) 921 9999 ext 6581   Email: <a href="mailto:nico.magni@aut.ac.nz">nico.magni@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Hand Osteoarthritis</li> <li>• Hand and elbow treatment</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/nico.magni">https://academics.aut.ac.nz/nico.magni</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods (qualitative and quantitative methods)</li> <li>• Systematic reviews</li> <li>• Experimental</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Health inequity</li> <li>• Neurological rehabilitation</li> <li>• Meta-research</li> <li>• Physical activity</li> <li>• Exercise rehabilitation.</li> <li>• Determinants of health</li> </ul> <p><i>Honours and Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/alana.mccambridge/about">https://academics.aut.ac.nz/alana.mccambridge/about</a></p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Experimental</li> <li>• Clinical biomechanics</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Exercise prescription for rehabilitation</li> <li>• Viscoelasticity and stretching</li> <li>• Electromyography</li> <li>• Proprioception</li> <li>• Clinical gait analysis</li> <li>• Pain</li> <li>• Lower limb musculoskeletal disorders, particularly arthritic disorders</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/peter.mcnair">https://academics.aut.ac.nz/peter.mcnair</a> </p>
<b>Associate Professor David Rice</b>	Associate Head of Research Senior Lecturer - Physiotherapy   Senior Research Officer (HRRI) Ph (09) 921 9999 ext 7032   Email: <a href="mailto:david.rice@aut.ac.nz">david.rice@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Experimental</li> <li>• Prospective cohort/risk factor studies</li> <li>• Clinical trials</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Neurophysiology</li> <li>• Pain mechanisms</li> <li>• Chronic pain management</li> <li>• Postsurgical pain/outcomes</li> <li>• Exercise rehabilitation</li> <li>• Joint injury</li> <li>• Arthritis</li> <li>• Orthopaedics</li> <li>• Non-invasive brain stimulation</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/david.rice">https://academics.aut.ac.nz/david.rice</a> </p>
<b>Associate Professor Nada Signal</b>	Associate Dean of Postgraduate Research Associate Professor – Rehabilitation Ph (09) 921 9999 ext 7062   Email: <a href="mailto:nada.signal@aut.ac.nz">nada.signal@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods (combining quantitative and qualitative methods)</li> <li>• Experimental and clinical trials</li> <li>• Implementation science</li> <li>• Qualitative descriptive</li> <li>• Delphi studies</li> <li>• Systematic and Scoping Reviews</li> </ul> <p><b>Research Areas</b></p>

	<ul style="list-style-type: none"> <li>• Neurorehabilitation / Stroke Rehabilitation (intervention development and evaluation)</li> <li>• Telerehabilitation, digital health interventions and rehabilitation technology development</li> <li>• Motor control and learning</li> <li>• Neuroscience</li> <li>• Neuromodulation</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/nada.signal">https://academics.aut.ac.nz/nada.signal</a></p>
<b>Professor Denise Taylor</b>	<p>Professor – Neurological Rehabilitation Research Team  Ph (09) 921 9999 ext 9680   Email: <a href="mailto:detaylor@aut.ac.nz">detaylor@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental designs – controlled studies, single case study designs, clinical trials</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Motor control</li> <li>• Biomechanics</li> <li>• Neurological physiotherapy – evaluation of intervention</li> <li>• Upper limb rehabilitation</li> <li>• Balance rehabilitation</li> <li>• Falls prevention intervention</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/denise.taylor">https://academics.aut.ac.nz/denise.taylor</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Postqualitative</li> <li>• Philosophy as method</li> <li>• Critical theory</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Critical Disability studies</li> <li>• Critical rehabilitation studies</li> <li>• Health Professional Education.</li> </ul> <p><i>Honours and master's supervision availability</i>  <a href="https://academics.aut.ac.nz/kate.waterworth">https://academics.aut.ac.nz/kate.waterworth</a></p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods, surveys</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Midwifery</li> <li>• Place of Birth</li> <li>• Fear of Childbirth</li> <li>• Clinical Education</li> <li>• Work and wellbeing</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/janine.clemons">https://academics.aut.ac.nz/janine.clemons</a></p>
<p><b>Dr Jennifer Barrowclough</b></p> 	<p>Senior Lecturer Email: <a href="mailto:jennifer.barrowclough@aut.ac.nz">jennifer.barrowclough@aut.ac.nz</a></p> <p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods (Quantitative and Qualitative studies)</li> <li>• Triangulation</li> <li>• Clinical trials</li> <li>• Cochrane systematic reviews</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Fetal malposition in labour</li> <li>• Midwifery practice</li> <li>• Maternal posture in labour</li> <li>• Compliance with trial protocol</li> <li>• Maternal satisfaction</li> <li>• Labour and birth outcomes</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/jennifer.barrowclough">https://academics.aut.ac.nz/jennifer.barrowclough</a></p>
<p><b>Professor Susan Crowther</b></p> 	<p>Professor of Midwifery Ph (09) 921 9999 ext 7912   Email: <a href="mailto:susan.crowther@aut.ac.nz">susan.crowther@aut.ac.nz</a></p> <p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Hermeneutic Phenomenology</li> <li>• Qualitative descriptive</li> <li>• Co-operative inquiry (action research)</li> <li>• Grounded theory</li> <li>• Qualitative meta-synthesis (form of systematic reviews)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Midwifery and childbirth</li> <li>• Psychosocial and cultural aspects of birth</li> <li>• Spirituality and childbirth</li> <li>• Rural and remote maternity/midwifery</li> <li>• Sustainable midwifery continuity of care practice</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/susan.crowther">https://academics.aut.ac.nz/susan.crowther</a></p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods</li> <li>• Reframed Standpoint Theory</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Cultural safety for midwifery academics, applying Kawa whakaruruhau &amp; cultural safety to Learning and Teaching</li> <li>• Equitable access to maternity services</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/tania.fleming">https://academics.aut.ac.nz/tania.fleming</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Critical theory and qualitative research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Midwifery</li> <li>• Midwifery practice</li> <li>• Midwifery education</li> <li>• Place of birth</li> <li>• Maternal mental health</li> <li>• Research methodology</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/judith.mcara">https://academics.aut.ac.nz/judith.mcara</a></p>
<p><b>Dr Nimisha Waller</b></p>	<p>Senior Lecturer - Midwifery Ph (09) 921 9999 ext 7210   Email: <a href="mailto:Nwaller@aut.ac.nz">Nwaller@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Midwifery</li> <li>• Maternity care <ul style="list-style-type: none"> <li>• Students’ understanding of normal birth</li> <li>• How midwives keep birth normal</li> <li>• Postnatal distress and particularly PTSD following childbirth, reflective conversations between women and midwives and impact on them</li> </ul> </li> </ul> <p><i>Honours and Masters supervision availability</i> <a href="https://academics.aut.ac.nz/nimisha.waller">https://academics.aut.ac.nz/nimisha.waller</a></p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed-Methods Research Informed by Pragmatism Perspectives</li> <li>• JBI Approaches to Systematic Reviews</li> <li>• Bibliometric Analysis</li> <li>• Implementation Science</li> <li>• Advanced Qualitative Methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Evidence-Based Synthesis</li> <li>• Workforce Development in Nursing</li> <li>• Ethical Aspects of Healthcare, focusing on Assisted Dying</li> <li>• Community-Engaged Healthcare</li> <li>• Health Disparities and Minority Health</li> <li>• HIV/AIDS Prevention and Treatment Adherence</li> <li>• Interprofessional Collaboration focusing on Student-Assisted Clinics</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/isaac.amankwaa/about">https://academics.aut.ac.nz/isaac.amankwaa/about</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Interpretive Description</li> <li>• Case Study</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Child and youth health</li> <li>• Impacts of chronic illness on children and young people</li> <li>• Clinical specialty areas include respiratory and paediatric rheumatology</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="#">Julie Blamires Profile   Auckland University of Technology (aut.ac.nz)</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Critical methodologies</li> <li>• Qualitative research, participatory approaches</li> <li>• Narrative approaches</li> <li>• Evaluation of services</li> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Ethics of care</li> <li>• Marginalised groups</li> <li>• People with dementia</li> <li>• Family participation in care</li> <li>• Dementia</li> <li>• Mental health and wellbeing</li> </ul>



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<p><b>Dr Jo Conaglen</b></p> 	<p>Senior Lecturer - Nursing 09 921 9999 ext 7017 Email: <a href="mailto:jo.conaglen@aut.ac.nz">jo.conaglen@aut.ac.nz</a></p> <p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Phenomenology</li> <li>• Case Study</li> </ul> <p><b>Research areas</b></p> <ul style="list-style-type: none"> <li>• Social gerontology</li> </ul> <p><i>Honours and Masters supervision availability</i></p> <p><a href="https://academics.aut.ac.nz/joanne.conaglen">https://academics.aut.ac.nz/joanne.conaglen</a></p>
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	<ul style="list-style-type: none"> <li>• Health workforce</li> <li>• Intercultural communication</li> <li>• Health law and ethics</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/catherine.cook">https://academics.aut.ac.nz/catherine.cook</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Hermeneutic Phenomenology</li> <li>• Qualitative descriptive methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Acute Hospital Care</li> <li>• Nursing research</li> <li>• Interprofessional research</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/jan.dewar">https://academics.aut.ac.nz/jan.dewar</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Grounded theory</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Self-management support for long term conditions</li> <li>• Lived experience of long term conditions</li> <li>• Community nursing, primary health care</li> <li>• Lymphoedema</li> </ul> <p><i>Honours and Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/claire.doole">https://academics.aut.ac.nz/claire.doole</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods</li> <li>• Applied qualitative methodologies including qualitative descriptive and interpretive descriptive.</li> <li>• Measurement development</li> <li>• Systematic reviews</li> <li>• Critical appraisal of the literature</li> <li>• Delphi studies</li> <li>• Feasibility studies</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Children and young people’s nursing</li> <li>• Child and adolescent health</li> <li>• Health service delivery to children and caregivers</li> <li>• Researching with children</li> <li>• Evidence-based practice</li> <li>• Child self-report tools</li> <li>• Child research</li> </ul>



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<p><b>Professor Jacquie Kidd</b></p> 	<p>Deputy Head of School – Clinical Sciences  Associate Head of School, Māori Advancement  Professor of Nursing  Ph (09) 921 9670 Extn 7329   Email: <a href="mailto:jacquie.kidd@aut.ac.nz">jacquie.kidd@aut.ac.nz</a></p> <p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• kaupapa Māori</li> <li>• co-design</li> <li>• qualitative</li> <li>• creative</li> <li>• autoethnography</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Māori health,</li> <li>• health literacy and</li> <li>• mental health</li> </ul>

	<p>Can supervise Masters and Doctoral  <a href="https://academics.aut.ac.nz/jacquie.kidd">https://academics.aut.ac.nz/jacquie.kidd</a>  <i>Jacquie is unable to take on any further supervisions currently.</i></p>
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<p><b>Dr Rachel Macdiarmid</b></p> 	<p>Senior Lecturer - Nursing  Ph (09) 921 9999 ext 7687   Email: <a href="mailto:Rachel.macdiarmid@aut.ac.nz">Rachel.macdiarmid@aut.ac.nz</a></p> <p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Hermeneutic Phenomenology</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Simulation</li> <li>Debriefing</li> <li>Pedagogy associated with simulation</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/rachel.macdiarmid">https://academics.aut.ac.nz/rachel.macdiarmid</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative interpretive, narrative, thematic analysis, document analysis,</li> <li>• Case study</li> <li>• Mixed methods</li> <li>• Systematic reviews</li> <li>• Participatory action research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Social gerontology</li> <li>• Older adult health and wellbeing</li> <li>• Age-friendly communities</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/sara.napier">https://academics.aut.ac.nz/sara.napier</a></p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative including narrative inquiry, interpretive, post-structural</li> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Child health</li> <li>• Researching with children and families</li> <li>• Person and family approaches</li> <li>• Nursing</li> <li>• Social justice</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/shayne.rasmussen">https://academics.aut.ac.nz/shayne.rasmussen</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Case study</li> <li>• Critical realism</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Older adult health and wellbeing</li> <li>• Innovation in aged care service delivery</li> <li>• Aged care workforce</li> <li>• Graduate entry nurse education</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/kay.shannon">https://academics.aut.ac.nz/kay.shannon</a> </p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Kaupapa Māori (Atuatanga, Pūrākau, Te Ao Marama)</li> <li>• Indigenous mixed method (Storytelling; Personal reflection; Sharing Circles; Ceremony)</li> <li>• Mixed methodology</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Format 3: Practice - Oriented research</li> <li>• Māori health</li> <li>• Sexual violence recovery</li> <li>• Mental Health &amp; Addictions</li> <li>• Indigenous studies</li> <li>• Financial capability</li> </ul> <p><i>Honours and Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/alexander.stevens.ii">https://academics.aut.ac.nz/alexander.stevens.ii</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative descriptive</li> <li>• Case study</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Child health</li> <li>• Education and health sector relationships</li> <li>• School health services</li> <li>• Community paediatric nursing</li> <li>• Primary care</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/sarah.williams">https://academics.aut.ac.nz/sarah.williams</a> </p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Pragmatism</li> <li>• Hermeneutics</li> <li>• Systematic/integrative reviews</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Clinical assessment</li> <li>• Patient safety</li> <li>• Diagnostic reasoning</li> <li>• Advanced practice</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/shelaine.zambas">https://academics.aut.ac.nz/shelaine.zambas</a></p>

## Occupational Therapy


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Hermeneutic phenomenology</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Interprofessional education</li> <li>• Interprofessional collaborative practice</li> <li>• Health professional experiences of working across disciplines</li> <li>• Health education</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/brenda.flood">https://academics.aut.ac.nz/brenda.flood</a></p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative, mixed methods, case study, systematic review</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Paediatric rehabilitation</li> <li>• Rehabilitation for people with cognitive impairments</li> <li>• Participation and inclusion</li> <li>• Children and young people's occupations</li> <li>• Evidence-based practice</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/margaret.jones">https://academics.aut.ac.nz/margaret.jones</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Deweyan pragmatism</li> <li>• Capability theory</li> <li>• Appreciative inquiry</li> <li>• Reflexive thematic analysis</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Homelessness and Poverty</li> <li>• Families/children in severe housing deprivation</li> <li>• Occupation and wellbeing</li> <li>• Occupational justice/Social occupational therapy</li> <li>• Human Rights</li> </ul> <p><i>Honours and Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/jenni.mace">https://academics.aut.ac.nz/jenni.mace</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Critical participatory action research</li> <li>• Qualitative descriptive</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Child and adolescent health</li> <li>• Mental health</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/ellen.nicholson">https://academics.aut.ac.nz/ellen.nicholson</a> </p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Phenomenology</li> <li>• Qualitative descriptive</li> <li>• Semiotics</li> <li>• History of ideas</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Occupational science and therapy</li> <li>• Occupation based models + theory</li> <li>• Environment for occupation</li> <li>• Neurological/physical health</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/heleen.reid">https://academics.aut.ac.nz/heleen.reid</a> </p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Interpretive, phenomenology, qualitative - descriptive</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Mental health rehabilitation</li> <li>• Recovery from mental illness</li> <li>• Occupation and mental wellbeing</li> <li>• Sensory modulation</li> <li>• Qualitative methodologies, including Hermeneutic phenomenology, appreciative inquiry</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/dsutton">https://academics.aut.ac.nz/dsutton</a> </p>

## Oral Health



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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative – case study</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Oral health</li> <li>• Maternal oral health</li> <li>• Adolescent oral health</li> <li>• Barriers to access to oral health care</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/tanya.cleland">https://academics.aut.ac.nz/tanya.cleland</a> </p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Participatory action research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Oral health</li> <li>• Dental caries</li> <li>• Restorative materials</li> <li>• Oral health promotion</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="#">Daniel Fernandez Profile / Auckland University of Technology (aut.ac.nz)</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed Methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Oral health</li> <li>• Cerebral Palsy and Oral Health</li> <li>• Intra Oral Radiography</li> <li>• Higher Education</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/karen.lansdown">https://academics.aut.ac.nz/karen.lansdown</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Clinical</li> <li>• Experimental</li> <li>• Quantitative</li> <li>• Mixed Methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Oral health</li> <li>• Dentistry</li> <li>• Pain and anxiety control</li> <li>• Interprofessional education</li> <li>• Special care dentistry</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/zac.morse">https://academics.aut.ac.nz/zac.morse</a></p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Paramedicine</li> <li>Resuscitation</li> <li>Out-of-hospital emergency care</li> <li>Out-of-hospital Trauma</li> <li>Out-of-hospital Stroke</li> <li>Acute coronary syndromes</li> </ul> <p><i>Honours and Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/bridget.dicker">https://academics.aut.ac.nz/bridget.dicker</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative research methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Front-line paramedicine</li> <li>Resuscitation</li> <li>Pre-hospital emergency care</li> <li>Cardiovascular disease and management (in the paramedic setting)</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/graham.howie">https://academics.aut.ac.nz/graham.howie</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> <li>Supportive of Mixed methods and qualitative studies</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Paramedicine</li> <li>Pre-hospital care</li> <li>Trauma (emergency and low-acuity)</li> <li>Community care</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/11539-verity-todd">https://academics.aut.ac.nz/11539-verity-todd</a></p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Mixed methods including quantitative analysis of datasets</li> <li>• Phenomenology</li> <li>• Kaupapa Māori</li> <li>• Case study</li> <li>• Policy research methods</li> <li>• Evaluation</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Leadership and management</li> <li>• Clinical governance and quality</li> <li>• Clinical risk management</li> <li>• Public policy</li> <li>• Political science</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/karen.webster">https://academics.aut.ac.nz/karen.webster</a></p>

## Physiotherapy




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Experimental</li> </ul> <p><b>Research areas</b></p> <ul style="list-style-type: none"> <li>• Injury prevention</li> <li>• Shoulder rehabilitation</li> <li>• Proprioception and Musculoskeletal injury</li> </ul> <p><i>Honours and Masters supervision availability</i> <a href="https://academics.aut.ac.nz/tom.adams">https://academics.aut.ac.nz/tom.adams</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Experimental</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Ergonomics</li> <li>• Occupational biomechanics</li> <li>• Musculoskeletal disorders</li> <li>• Biomechanical modelling</li> </ul>




	<ul style="list-style-type: none"> <li>• Health and safety working practices and guidelines</li> <li>• Injury prevention</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/mark.boocock">https://academics.aut.ac.nz/mark.boocock</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Physiotherapy</li> <li>• Musculoskeletal biomechanics</li> <li>• Manipulative physiotherapy</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/jill.caldwell">https://academics.aut.ac.nz/jill.caldwell</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Experimental</li> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Postural control</li> <li>• Vestibular Rehabilitation</li> <li>• Vision-vestibular interaction</li> <li>• Eye tracking technology</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/shikha.chaudhary">https://academics.aut.ac.nz/shikha.chaudhary</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative methodology including clinical, experimental, cross-sectional</li> <li>• Systematic review and critical literature review</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Musculoskeletal and sports physiotherapy</li> <li>• Manual and manipulative therapy – clinical application and efficacy</li> <li>• Ultrasound imaging – musculoskeletal and rehabilitative</li> <li>• Neurodynamic and neural mobilization</li> <li>• Peripheral nervous system biomechanics, assessment, and treatment</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/richard.ellis">https://academics.aut.ac.nz/richard.ellis</a></p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Physiotherapy</li> <li>Orthopaedic rehabilitation</li> <li>Musculoskeletal biomechanics</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/bronwyn.harman">https://academics.aut.ac.nz/bronwyn.harman</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative, experimental</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Low back pain (LBP) in children and adults</li> <li>Adherence to exercise</li> <li>Injury prevention in the office environment</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/julia.hill">https://academics.aut.ac.nz/julia.hill</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Outcome measures</li> <li>Physiotherapy</li> <li>Cardiac rehabilitation</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/diana.horner">https://academics.aut.ac.nz/diana.horner</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Qualitative descriptive</li> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Public health</li> <li>Social determinants of health</li> <li>Access to health care</li> <li>Health inequities</li> <li>Cultural responsiveness</li> <li>Chronic respiratory disease</li> <li>Pulmonary rehabilitation</li> </ul>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Western acupuncture</li> <li>• Older adult physiotherapy</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/susan.kohut">https://academics.aut.ac.nz/susan.kohut</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental</li> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Transcranial direct current stimulation</li> <li>• Motor control and learning</li> <li>• Cerebellar learning</li> <li>• Locomotor adaptation</li> <li>• Stroke rehabilitation</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/nitika.kumari">https://academics.aut.ac.nz/nitika.kumari</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Experimental</li> <li>• Clinical biomechanics</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Exercise prescription for rehabilitation</li> <li>• Viscoelasticity and stretching</li> <li>• Electromyography</li> <li>• Proprioception</li> <li>• Clinical gait analysis</li> <li>• Pain</li> <li>• Lower limb musculoskeletal disorders, particularly arthritic disorders</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/peter.mcnair">https://academics.aut.ac.nz/peter.mcnair</a></p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Experimental</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Biomechanics of the lumbar spine</li> <li>• Electromyography</li> <li>• Muscle fatigue</li> <li>• Exercise testing and prescription</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/grant.mawston">https://academics.aut.ac.nz/grant.mawston</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Critical</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Clinical education in physiotherapy including power interplay, relationships and social hierarchies</li> <li>• Patient perspectives and management of people with cardiac and/or respiratory conditions such as non-cystic fibrosis bronchiectasis, breathing pattern disorders, heart failure, and obesity and aqua exercise</li> </ul> <p><i>Masters and Doctoral supervision availability</i></p>
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	<p><b>Methodology:</b></p> <ul style="list-style-type: none"> <li>• Post qualitative, postmodern, and post structural philosophy, histories of the present</li> <li>• Foucauldian discourse analysis</li> <li>• Object oriented ontology and new materialism</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Social and political history of physiotherapy</li> <li>• Professionalisation</li> <li>• Post disciplinary studies.</li> <li>• Objects, OOO and matter</li> <li>• Curriculum reform</li> <li>• Critical histories of rehabilitation</li> <li>• Postmodern and post structural theory and philosophy.</li> <li>• Education philosophy and theory</li> <li>• Embodiment and movement</li> <li>• Foucault (particularly governmentality and discipline)</li> <li>• Bleeding edge practice</li> <li>• Discipline</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/david.nicholls">https://academics.aut.ac.nz/david.nicholls</a> </p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Neuromodulation</li> <li>• Neurophysiology</li> <li>• Neuromuscular control</li> <li>• Neurological rehabilitation</li> <li>• Rehabilitation technology</li> <li>• Stroke</li> </ul> <p><i>Honours and Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/sharon.olsen">https://academics.aut.ac.nz/sharon.olsen</a> </p>
<b>Dr Julie Reeve</b>	Senior Lecturer - Physiotherapy Ph (09) 921 9999 ext 7085   Email: <a href="mailto:jreeve@aut.ac.nz">jreeve@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative, experimental, survey design, clinical trials</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Cardiorespiratory physiotherapy</li> <li>• Acute and critical care</li> <li>• Cancer rehabilitation</li> <li>• Physiotherapy following major surgery</li> <li>• On-call and emergency physiotherapy</li> <li>• Rehabilitation following acute and critical illness</li> <li>• Competency in cardiorespiratory physiotherapy</li> <li>• The use of simulation in cardiorespiratory physiotherapy</li> <li>• ICU</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/julie.reeve">https://academics.aut.ac.nz/julie.reeve</a> </p>




<p><b>Professor Duncan Reid</b></p>	<p>Professor Physiotherapy   Programme Lead for Sport and Exercise Physiotherapy Ph (09) 921 9999 ext 7806   Email: <a href="mailto:dreid@aut.ac.nz">dreid@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Viscoelasticity (stretching)</li> <li>Biomechanics</li> <li>Osteoarthritis</li> <li>Movement screening</li> <li>Sports injuries</li> <li>Injury prevention</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/duncan.reid">https://academics.aut.ac.nz/duncan.reid</a></p>
<p><b>Associate Professor David Rice</b></p>	<p>Associate Head of Research Senior Lecturer - Physiotherapy   Senior Research Officer (HRR)</p> <p>Ph (09) 921 9999 ext 7032   Email: <a href="mailto:david.rice@aut.ac.nz">david.rice@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> <li>Experimental</li> <li>Prospective cohort/risk factor studies</li> <li>Clinical trials</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Neurophysiology</li> <li>Pain mechanisms</li> <li>Chronic pain management</li> <li>Postsurgical pain/outcomes</li> <li>Exercise rehabilitation</li> <li>Joint injury</li> <li>Arthritis</li> <li>Orthopaedics</li> <li>Non-invasive brain stimulation</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/david.rice">https://academics.aut.ac.nz/david.rice</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative and qualitative descriptive</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Neurological rehabilitation</li> <li>Motor control</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/nicola.saywell">https://academics.aut.ac.nz/nicola.saywell</a></p>



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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative descriptive research</li> <li>• Mixed methods research</li> <li>• Quantitative including experimental design</li> <li>• Measurement development and validation</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Traumatic Brain Injury (TBI) Rehabilitation</li> <li>• Mild TBI diagnosis and recovery</li> <li>• Advanced Psychometrics (incl. Rasch analysis) and Measurement Theory</li> <li>• Telehealth in Neurorehabilitation</li> <li>• Cultural views of chronic pain</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/nusrat.shaikh">https://academics.aut.ac.nz/nusrat.shaikh</a> </p>
<b>Associate Professor Nada Signal</b>	Associate Dean of Postgraduate Research Associate Professor – Rehabilitation Ph (09) 921 9999 ext 7062   Email: <a href="mailto:nada.signal@aut.ac.nz">nada.signal@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods (combining quantitative and qualitative methods)</li> <li>• Experimental and clinical trials</li> <li>• Implementation science</li> <li>• Qualitative descriptive</li> <li>• Delphi studies</li> <li>• Systematic and Scoping Reviews</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Neurorehabilitation / Stroke Rehabilitation (intervention development and evaluation)</li> <li>• Telerehabilitation, digital health interventions and rehabilitation technology development</li> <li>• Motor control and learning</li> <li>• Neuroscience</li> <li>• Neuromodulation</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/nada.signal">https://academics.aut.ac.nz/nada.signal</a> </p>
<b>Professor Paul Sowman</b>	Head of Physiotherapy Ph (09) 921 9999 ext 31830   Email: <a href="mailto:paul.sowman@aut.ac.nz">paul.sowman@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Neuroimaging</li> <li>• Neurophysiology</li> <li>• Non-invasive brain stimulation</li> <li>• Electroencephalography</li> <li>• Magnetoencephalography</li> <li>• Transcranial Magnetic Stimulation</li> <li>• Electromyography</li> <li>• MRI/fMRI</li> <li>• Machine learning</li> </ul> <p><b>Research Areas</b></p>

	<ul style="list-style-type: none"> <li>• Cognitive development</li> <li>• Cognitive neuroscience</li> <li>• Autism</li> <li>• Pain</li> <li>• Sensation/perception</li> <li>• Hearing</li> <li>• Language</li> <li>• Motor control</li> </ul> <p><i>Honours and Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/paul.sowman">https://academics.aut.ac.nz/paul.sowman</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Spinal cord injury rehabilitation</li> <li>• Digital health interventions</li> </ul> <p><i>Honours and Masters</i>  <a href="https://academics.aut.ac.nz/verna.stavric">https://academics.aut.ac.nz/verna.stavric</a></p>


<b>Todd Stretton</b>	Senior Lecturer - Physiotherapy Academic Quality and Development Advisor Ph (00) 921 9999 ext 7639   Email: <a href="mailto:todd.stretton@aut.ac.nz">todd.stretton@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative including experimental, repeated measures</li> <li>• Mixed Methods</li> <li>• Educational Design Research, Design Based Research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Neurological rehabilitation</li> <li>• Virtual reality, immersive reality</li> <li>• Pedagogy, heutagogy</li> <li>• Critical thinking skills</li> <li>• Education</li> <li>• Scholarship of technology enhanced learning</li> </ul> <p><i>Honours and Masters</i>  <a href="https://academics.aut.ac.nz/todd.stretton">https://academics.aut.ac.nz/todd.stretton</a></p>




<b>Professor Denise Taylor</b>	<p>Professor – Neurological Rehabilitation Research Team          Director - Health and Rehabilitation Research Institute (HRRI)          Ph (09) 921 9999 ext 9680   Email: <a href="mailto:detaylor@aut.ac.nz">detaylor@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental designs – controlled studies, single case study designs, clinical trials</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Motor control</li> <li>• Biomechanics</li> <li>• Neurological physiotherapy – evaluation of intervention</li> <li>• Upper limb rehabilitation</li> <li>• Balance rehabilitation</li> <li>• Falls prevention intervention</li> </ul> <p><i>Masters and Doctoral</i>  <a href="https://academics.aut.ac.nz/denise.taylor">https://academics.aut.ac.nz/denise.taylor</a></p>
<b>Nicola Towersey</b>	<p>Senior Lecturer - Physiotherapy          Ph (09) 921 9999 ext 7641   Email: <a href="mailto:ntowersey@aut.ac.nz">ntowersey@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Motor control</li> <li>• Neurological rehabilitation</li> <li>• Sensory rehabilitation</li> <li>• Neurophysiology</li> </ul> <p><i>Honours and Masters</i>  <a href="https://academics.aut.ac.nz/nicola.towersey">https://academics.aut.ac.nz/nicola.towersey</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Experimental</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Diagnostic accuracy</li> <li>• Clinical reasoning</li> <li>• Musculoskeletal disorders, particularly low back and hip</li> <li>• Osteoarthritis</li> </ul> <p><i>Masters and Doctoral</i>  <a href="https://academics.aut.ac.nz/steve.white">https://academics.aut.ac.nz/steve.white</a></p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Experimental</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Neural foot conditions and foot orthoses</li> <li>• Ultrasound</li> <li>• Functional and mechanical ankle instability</li> </ul> <p><i>Masters and Doctoral</i>  <a href="https://academics.aut.ac.nz/matthew.carroll">https://academics.aut.ac.nz/matthew.carroll</a> </p>
<b>Dr Mike Frecklington</b>	Head of Department   Senior Lecturer – Podiatry Ph (09) 921 9999 ext 7832   Email: <a href="mailto:mike.frecklington@aut.ac.nz">mike.frecklington@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Gout and footwear</li> <li>• Rheumatology</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/mike.frecklington">https://academics.aut.ac.nz/mike.frecklington</a> </p>
<b>Dr Belinda Ihaka</b>	Senior Lecturer – Podiatry Ph (09) 921 9015   Email: <a href="mailto:bihaka@aut.ac.nz">bihaka@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Kaupapa Māori Research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Diabetes</li> <li>• Inflammatory conditions</li> <li>• Musculoskeletal ultrasound of the lower limb</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="#">Belinda Ihaka Profile   Auckland University of Technology (aut.ac.nz)</a> </p>




<b>Associate Professor Sarah Stewart</b>	Senior Lecturer – Podiatry   Programme Leader Podiatry Ph (09) 921 9999 ext 5451   Email: <a href="mailto:sarah.stewart@aut.ac.nz">sarah.stewart@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Systematic reviews, meta-analysis, network meta-analysis, content analysis</li> <li>• Rasch analysis</li> <li>• Qualitative (survey research, thematic analysis, meta-synthesis)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Rheumatology/arthritis</li> <li>• Musculoskeletal imaging (specifically ultrasound)</li> <li>• Outcome measure/questionnaire development</li> <li>• Patient experience/perspectives</li> <li>• Lower limb biomechanics and gait analysis</li> </ul> <p><i>Honours, Masters and Doctoral supervision</i>  <a href="https://academics.aut.ac.nz/sarah.stewart">https://academics.aut.ac.nz/sarah.stewart</a> </p>


## Psychotherapy and Counselling

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods research</li> <li>• Survey research</li> <li>• Thematic analysis</li> <li>• Case study</li> <li>• </li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Problem solving therapy for self-harm</li> <li>• Counselling the gifted and twice exceptional</li> <li>• Suicide prevention</li> <li>• Trauma informed practice</li> <li>• Complex and developmental trauma</li> <li>• Mindfulness for practitioners</li> <li>• Mindfulness based interventions</li> <li>• Lived experience and de-stigmatisation</li> </ul> <p><i>Honours and Masters and Doctoral</i>  <a href="https://academics.aut.ac.nz/joanne.blackett">https://academics.aut.ac.nz/joanne.blackett</a> </p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Interpretive Description</li> <li>• Hermeneutic literature review</li> <li>• Modified systematic literature review</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Child and Adolescent Psychotherapy</li> <li>• Teletherapy</li> <li>• Parent-infant work</li> <li>• Identity of parents and psychotherapists</li> </ul> <p><i>Honours and Masters supervision availability</i></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative (specifically IPA, thematic analysis)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Practice-based and conceptual questions that emerge in the areas of: <ul style="list-style-type: none"> <li>○ Counsellor and psychotherapy education</li> <li>○ Clinical supervision</li> <li>○ Talking, creative and arts-based therapies and counselling</li> <li>○ psychology</li> <li>○ Race, culture and sexualities, LGBTQ identities</li> </ul> </li> <li>• Questions that emerge at the intersection of psychology, psychotherapy, education, music and/or the arts</li> <li>• Relational dimensions of teaching and learning</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/paula.collens">https://academics.aut.ac.nz/paula.collens</a> </p>
<b>Dr Elizabeth Day</b>	Head of Department   Psychotherapy and Counselling Ph (09) 921 9999 ext 7026   email <a href="mailto:Elizabeth.day@aut.ac.nz">Elizabeth.day@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative(including poststructural hermeneutics, IPA, grounded theory, Foucauldian discourse analysis, thematic analysis)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Critical discourse (postcolonial, poststructural, intersectional, queer theory)</li> <li>• The theory and practice of:</li> <li>• Relational psychotherapy</li> <li>• Humanistic psychotherapy</li> <li>• Existential philosophy and psychotherapy</li> <li>• Yoga therapy</li> <li>• Mindfulness</li> <li>• Climate crisis and psychotherapy</li> <li>• Millennium Development Goals</li> </ul>


	<p><i>Honours, Masters and Doctoral supervisions</i></p> <p><b>Dr Day is not accepting any new Doctoral supervisions until mid 2024</b></p> <p><a href="https://academics.aut.ac.nz/elizabeth.day">https://academics.aut.ac.nz/elizabeth.day</a></p>
<b>Dr Maria Haenga-Collins</b>	<p>Lecturer - Psychotherapy and Counselling</p> <p>Ph (09) 921 9999 ext 7048   <a href="mailto:maria.haenga-collins@aut.ac.nz">maria.haenga-collins@aut.ac.nz</a></p>
	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>colonisation, Indigenous research methods, Māori-centered research, 'race' and contemporary modes of racism, adoption, narrative, testimony, and poetic transcription.</li> </ul> <p><i>Masters and Doctoral supervision availability</i></p> <p><a href="https://academics.aut.ac.nz/maria.haenga.collins">https://academics.aut.ac.nz/maria.haenga.collins</a></p>
<b>Dr Alan D. Jones</b>	<p>Lecturer - Psychotherapy and Counselling</p> <p><a href="mailto:alan.jones@aut.ac.nz">alan.jones@aut.ac.nz</a></p>
<image pending>	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>empirical / practice / experimental</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>psychotherapy/schizoanalysis/psychoanalysis</li> <li>continental philosophy</li> <li>sound / theatre/ performance</li> </ul> <p><i>Masters and Doctoral supervision availability</i></p>
<b>Dr Alexandr Merkin</b>	<p>Lecturer at the Department of Psychotherapy &amp; Counselling   Research Fellow at the National Institute for Stroke and Applied Neurosciences</p> <p>Ph (09) 921 9999 ext 9389   Email: <a href="mailto:amerkin@aut.ac.nz">amerkin@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative including experimental designs and clinical trials</li> <li>Qualitative descriptive</li> <li>Mixed methods (combining quantitative and qualitative methods)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Mental health</li> <li>Psychopathology</li> <li>Psychotherapy</li> <li>Digital technologies in mental health</li> <li>Dementia</li> <li>Neuroscience</li> </ul> <p><i>Honours and Masters and Doctoral supervision availability</i></p> <p><a href="https://academics.aut.ac.nz/merkin.alexander">https://academics.aut.ac.nz/merkin.alexander</a></p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative, including hermeneutic phenomenology</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Psychotherapy</li> <li>• Psychotherapy and education/learning</li> <li>• Learning and the unconscious</li> <li>• Relational psychoanalysis</li> <li>• Practice-based evidence</li> <li>• Trauma</li> <li>• The intersection of hermeneutic phenomenology and psychotherapy</li> <li>• Case study research, including ethics</li> </ul> <p><i>Masters and Doctoral supervision</i>  <a href="https://academics.aut.ac.nz/kerry.thomasanttila">https://academics.aut.ac.nz/kerry.thomasanttila</a></p>
<b>Mariana Torkington</b>	Lecturer – Child and Adolescent Psychotherapy Ph (09) 921 9999 extension 7277   Email: <a href="mailto:mariana.torkington@aut.ac.nz">mariana.torkington@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Phenomenology</li> <li>• Heuristic</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Published author in the arts therapies</li> <li>• Children and adolescents</li> <li>• Trauma</li> </ul> <p><i>Hons and Masters supervision availability</i></p>
<b>Professor Keith Tudor</b>	Professor Ph (09) 921 9999 ext 7221   Email: <a href="mailto:ktudor@aut.ac.nz">ktudor@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative, specifically heuristic; hermeneutic; empirical-deductive</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Psychotherapy and politics</li> <li>• Psychotherapy and culture</li> <li>• Humanistic psychotherapy</li> <li>• Transactional analysis</li> <li>• Constructivism and co-creativity</li> <li>• Person-centred therapy</li> <li>• Group therapy</li> <li>• Education/training and supervision of psychotherapists</li> <li>• Time and time-limited therapy</li> <li>• Positive mental health and mental health promotion</li> <li>• Masculinity and violence</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/keith.tudor">https://academics.aut.ac.nz/keith.tudor</a></p>





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	<b>Research Areas</b> Qualitative Research - A Phenomenological Study of Learning in Psychotherapeutic Supervision: The Perspective of the Experienced Practitioner as Supervisee.  <i>Honours and Masters supervision availability</i> <a href="https://academics.aut.ac.nz/francie.vanhout">https://academics.aut.ac.nz/francie.vanhout</a>




## Psychology and Neuroscience (incl. Addictions)



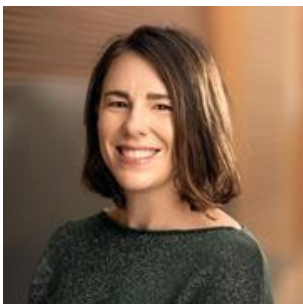
<b>Dr Rimke Bijker</b>	Research Fellow Email: <a href="mailto:rimke.bijker@aut.ac.nz">rimke.bijker@aut.ac.nz</a>
	<b>Methodology</b> <ul style="list-style-type: none"> <li>Quantitative, qualitative, literature review</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>Addictive behaviours</li> <li>Change strategies</li> <li>Health research</li> </ul> <i>Honours and Masters supervision availability</i> <a href="#">Rimke Bijker Profile   Auckland University of Technology (aut.ac.nz)</a>




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	<b>Methodology</b> <ul style="list-style-type: none"> <li>Qualitative research</li> <li>Appreciative inquiry</li> <li>Narrative methodology</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>Positive psychology, coaching psychology, developmental psychology</li> <li>Resilience and motivation</li> <li>School guidance counselling, adolescent psychology and life skills education</li> <li>Life transitions and change</li> <li>Immigration identity issues</li> <li>Personality</li> </ul> <i>Honours, Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/charmaine.bright">https://academics.aut.ac.nz/charmaine.bright</a>

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	<p><b>Methodology</b></p> <p><b>Research Areas</b></p> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/liesje.donkin">https://academics.aut.ac.nz/liesje.donkin</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative research – narrative</li> <li>• Discourse and thematic analysis</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Gender and sexual identity studies</li> <li>• LGBTIQ student wellbeing</li> <li>• Family therapy</li> <li>• Trauma</li> <li>• Counselling Psychology</li> <li>• Ethical decision-making models</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/elizabeth.dupreez">https://academics.aut.ac.nz/elizabeth.dupreez</a></p>
<b>Professor Valery Feigin</b>	Director – National Institute for Stroke and Applied Neurosciences (NISAN) Ph (09) 921 9999 ext 9166   Email: <a href="mailto:vfeigin@aut.ac.nz">vfeigin@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative methods applied to clinical trials and non-experimental epidemiological studies (cross-sectional, case-control, cohort, incidence, prevalence studies), systematic reviews / evidence-based medicine</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Neuroepidemiology and neurorehabilitation</li> <li>• Cerebrovascular disease (stroke, transient ischaemic attack) risk factors, prevention, prognosis and prognostic factors, outcomes, treatment, rehabilitation and health care organisation</li> <li>• Traumatic brain injury</li> <li>• Dementia</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/valery.feigin">https://academics.aut.ac.nz/valery.feigin</a></p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Thematic and discourse analysis</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Fertility, infertility</li> <li>• Assisted reproductive technologies and their psychosocial implications</li> <li>• Donor conception</li> <li>• Women's health issues</li> <li>• Parenting</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/sonja.goedeke">https://academics.aut.ac.nz/sonja.goedeke</a> </p>
<b>Dr Stef Gomes-Ng</b>	Lecturer - Psychology Email: <a href="mailto:stef.gomes-ng@aut.ac.nz">stef.gomes-ng@aut.ac.nz</a>
	<a href="#">Stef Gomes-Ng Profile   Auckland University of Technology (aut.ac.nz)</a>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Lab-based experiments</li> <li>• EEG</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Attention and distraction</li> <li>• Working/short-term memory</li> <li>• Neural measures of cognition</li> </ul> <p><i>Honours and Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/dion.henare">https://academics.aut.ac.nz/dion.henare</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative- cross sectional, longitudinal and clinical trial research designs</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Food and nutrition balance</li> <li>• Community nutrition</li> <li>• Public health and health promotion</li> </ul>



	<ul style="list-style-type: none"> <li>• Non-communicable diseases prevention e.g. type 2 diabetes and obesity</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/shabnam.jalili">https://academics.aut.ac.nz/shabnam.jalili</a></p>
<b>Associate Professor Kelly Jones</b>	National Institute for Stroke and Applied Neurosciences (NISAN) Ph (07) 838 4257   Email: <a href="mailto:kelly.jones@aut.ac.nz">kelly.jones@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Neuropsychological assesment</li> <li>• Quesionnaires in cross-sectional and longitudinal studies</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Child neurodevelopmental outcomes</li> <li>• Traumatic brain injury</li> <li>• Paediatric neuropsychological assessment</li> <li>• Illness perceptions</li> <li>• Child and adolescent development</li> <li>• Parent mental health</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/kelly.jones">https://academics.aut.ac.nz/kelly.jones</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Longitudinal</li> <li>• Treatment outcomes</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Clinical psychology</li> <li>• Developmental psychopathology</li> <li>• Early childhood and parenting</li> <li>• Parental anxiety</li> <li>• Anxiety disorders</li> <li>• Cognitive Behavioural Therapy</li> </ul> <p><i>Can supervise Honours and Masters</i>  <a href="https://academics.aut.ac.nz/amy.kercher">https://academics.aut.ac.nz/amy.kercher</a></p>
<b>Professor Jason Landon</b>	Head of Department   Psychology and Neuroscience Ph (09) 921 9999 ext 7894   Email: <a href="mailto:jlandon@aut.ac.nz">jlandon@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Single-subject designs</li> <li>• Evaluation</li> <li>• Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Gambling and problem gambling</li> <li>• Experimental analyses of behaviour</li> </ul>

	<ul style="list-style-type: none"> <li>Health psychology</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/jason.landon">https://academics.aut.ac.nz/jason.landon</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Outcomes research</li> <li>Psychometrics</li> <li>Robopsychology</li> <li>Mindfulness: Applications and theory</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/chris.krangeloh">https://academics.aut.ac.nz/chris.krangeloh</a></p>
<b>Professor Rita Krishnamurthi</b>	<p>Senior Research Fellow - National Institute for Stroke and Applied Neurosciences (NISAN)  Ph (09) 921 9999 ext 7809   Email: <a href="mailto:rkrishna@aut.ac.nz">rkrishna@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> <li>Cross-sectional cohort studies</li> <li>Randomised clinical trials</li> <li>Surveys</li> <li>Mobile phone app-based research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Cerebrovascular disease (stroke, transient ischaemic attack) risk factors, prevention, prognosis and prognostic factors, outcomes, treatment, biomarkers</li> <li>Dementia epidemiology</li> <li>Clinical epidemiology</li> <li>Neurodegenerative disorders (Parkinson's disease)</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/rita.krishnamurthi">https://academics.aut.ac.nz/rita.krishnamurthi</a></p>
<b>Dr Mia McLean</b>	<p>Senior Lecturer  Ph (09) 921 9999   Email: <a href="mailto:mia.mclean@aut.ac.nz">mia.mclean@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Child Anxiety</li> <li>Preterm birth</li> <li>Neurobiology</li> <li>Physiological stress</li> <li>Parenting</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i>  <a href="#">Mia McLean Profile   Auckland University of Technology (aut.ac.nz)</a></p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Applied Statistics</li> <li>Artificial Intelligence and Image Processing</li> <li>Artificial Intelligence and Image Processing Not Elsewhere Classified</li> <li>Neurology and Neuromuscular Diseases</li> <li>Neurocognitive Patterns and Neural Networks</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/mangor.pedersen">https://academics.aut.ac.nz/mangor.pedersen</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> <li>Survey</li> <li>Kinematic analysis</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Gambling</li> <li>Alcohol</li> <li>Technology use (internet, mobile phone)</li> <li>Behaviour Change Support Systems</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/james.phillips">https://academics.aut.ac.nz/james.phillips</a></p>
<b>Hilda Port</b>	Lecturer - Psychology Email: <a href="mailto:hilda.port@aut.ac.nz">hilda.port@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> <li>Qualitative – descriptive</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Kava: A longitudinal study into kava consumption and emerging patterns of kava usage with subsequent effects on Pacific families living in South Auckland</li> <li>Kava Survey Questionnaire: An exploratory study into the practices surrounding the use of kava, and identification of problematic behaviours as defined by the Diagnostic and Statistical Manual of Mental Disorders 5th Edition (DSM 5)</li> <li>How Do Evolving Kava Related Practices Impact the Role of Tongan Women Living in Aotearoa?</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/hilda.port">https://academics.aut.ac.nz/hilda.port</a></p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Qualitative analysis including content analysis and reflexive thematic analysis using interview or secondary data (e.g., social media)</li> <li>Quantitative analysis including experimental designs and clinical trials · Technology based data collection and intervention</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Methods to improve engagement and adherence to internet delivered and brief interventions</li> <li>Behavioural addictions including gambling, gaming, and pornography</li> <li>Brief interventions for problematic coffee or sugar consumption</li> <li>The lived experience of reaching out for help and self-help</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/simone.rodde">https://academics.aut.ac.nz/simone.rodde</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Mixed methods (qualitative and quantitative)</li> <li>Visual Methods (photo-elicitation and PhotoVoice)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Issues and debates around commercial global surrogacy</li> <li>Same-sex adoptive parenting</li> <li>Experiences of growing up with same-sex parents</li> <li>Indigenous child placement practices</li> <li>Repatriation distress of international students returning home after studying abroad</li> <li>Abuse and maltreatment in adoption and foster care</li> <li>Adjustment of adult adoptees</li> <li>Openness in adoption practices</li> <li>Development outcomes for adopted persons</li> <li>Ethnic and bicultural identity development in adoption</li> <li>Student attitudes toward collaborative assessments</li> <li>Sports outcomes and violence against women</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/rhoda.scherman">https://academics.aut.ac.nz/rhoda.scherman</a></p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Psychometric measurement</li> <li>Psychophysics</li> <li>Cognitive neuroscience</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/daniel.shepherd">https://academics.aut.ac.nz/daniel.shepherd</a></p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Factor analysis</li> <li>• Regression</li> <li>• Rasch analysis</li> <li>• Structural equation modelling</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Psychometrics</li> <li>• Goal-setting</li> <li>• Neurological rehabilitation</li> <li>• Palliative care</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/richard.siegert">https://academics.aut.ac.nz/richard.siegert</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative and qualitative methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Traumatic brain injury</li> <li>• Spinal cord injury</li> <li>• Sleep and health</li> <li>• Individual adjustment to illness and injury</li> <li>• Factors predicting recovery from illness and injury</li> <li>• Application of psychological interventions in rehabilitation</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/alice.theadom">https://academics.aut.ac.nz/alice.theadom</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• The therapeutic relationship</li> <li>• Migration and psychotherapy</li> <li>• Divorce and step-families</li> <li>• Personality disorders</li> <li>• Organisational dynamics</li> <li>• Mindfulness</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/mark.thorpe">https://academics.aut.ac.nz/mark.thorpe</a> </p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Psychological interventions for fatigue</li> <li>• Cognitive Behaviour Therapy</li> <li>• Technology-based interventions/eHealth/eTherapy</li> </ul> <p><i>Masters and Doctoral supervision</i>  <a href="https://academics.aut.ac.nz/kirsten.vankessel">https://academics.aut.ac.nz/kirsten.vankessel</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative (grounded theory, content analysis, thematic analysis)</li> <li>• Quantitative</li> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Health and wellbeing of older people</li> <li>• Digital technology use by older people</li> <li>• Informal and formal caregiving of older people</li> <li>• Wellbeing in the workplace</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/wendy.wrapson">https://academics.aut.ac.nz/wendy.wrapson</a> </p>

# School of Public Health and Interdisciplinary Studies

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Mixed methods</li> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Higher education (science education, health education)</li> <li>• Transdisciplinary studies</li> <li>• Agency &amp; capacity-capability building</li> <li>• Healthy, sustainable futures</li> <li>• Geography</li> <li>• Environmental Science</li> </ul> <p><i>Honours, Masters and Doctoral Supervision</i>  <a href="https://academics.aut.ac.nz/julie.trafford">https://academics.aut.ac.nz/julie.trafford</a> </p>


## Digital Health


<b>Professor Lester Levy</b>	Professor of Digital Health Leadership Email: <a href="mailto:lester.levy@aut.ac.nz">lester.levy@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative methods</li> <li>• Mixed methods</li> <li>• Case study</li> </ul> <p><b>Research areas</b></p> <ul style="list-style-type: none"> <li>• Health leadership and governance</li> <li>• Digital health disruption</li> <li>• Perceptions of digital health</li> <li>• The extent to which digital health is transformation or technology led</li> <li>• The extent to which digital health liberates or limits patients</li> <li>• Digital health as a facilitator of equity in health service delivery</li> <li>• Governing digital health transformation</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/lester.levy">https://academics.aut.ac.nz/lester.levy</a> </p>




## Gambling and Addictions Research Centre




<b>Associate Professor Maria Bellringer</b>	<p>Head of Research Director Gambling &amp; Addictions Research Centre Acting Co-Director Public Health and Mental Health Research Institute Ph (09) 921 9999 ext 7232   Email: <a href="mailto:mbellrin@aut.ac.nz">mbellrin@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Qualitative – descriptive and thematic analyses</li> <li>• Longitudinal studies</li> <li>• Clinical trials</li> <li>• Evaluations</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Gambling and addictions</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/maria.bellringer">https://academics.aut.ac.nz/maria.bellringer</a></p>




## Interdisciplinary Studies


<b>Dr Stephen Brown</b>	<p>Senior Lecturer – Human Anatomy &amp; Physiology Ph (09) 921 9999 ext 9168   Email: <a href="mailto:stbrown@aut.ac.nz">stbrown@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Student experiences of compulsory papers in health sciences</li> <li>• Attitudes and engagement of students with undergraduate courses</li> <li>• Scholarships in learning and teaching at university</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/stephen.brown">https://academics.aut.ac.nz/stephen.brown</a></p>

<b>Dr Catherine Crofts</b>	<p>Senior Lecturer – Pharmacology Ph (09) 921 9999 ext 6030   Email: <a href="mailto:catherine.crofts@aut.ac.nz">catherine.crofts@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative, experimental</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Early diagnosis of metabolic disease</li> <li>• Hyperinsulinaemia: diagnosis and management</li> <li>• Lifestyle management of diabetes and other non-communicable diseases</li> <li>• Reducing pharmaceutical burden</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/catherine.crofts">https://academics.aut.ac.nz/catherine.crofts</a></p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Prefer mixed method or qualitative if numbers do not permit meaningful statistics.</li> <li>• Thematic analysis, content analysis, grounded theory, critical discourse analysis, various sorts of qualitative data coding.</li> <li>• Questionnaires and interviews.</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• People’s experiences of health or educational settings</li> <li>• Teaching and learning in higher education</li> <li>• Student perceptions of their university experience</li> <li>• Reflective practice</li> </ul> <p><i>Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/kay.hammond">https://academics.aut.ac.nz/kay.hammond</a> </p>
<b>Dr Amira Hassouna</b>	Senior Lecturer – Health Studies Ph (09) 921 9999 ext 7314   Email: <a href="mailto:amira.hassouna@aut.ac.nz">amira.hassouna@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Use of novel lines of treatment like nutraceuticals and regenerative medicine, for treatment of diseases.</li> <li>• Investigation of possible effects of different lines of treatment on signaling pathways of diseases.</li> <li>• Medical Biochemistry and Molecular Biology research</li> <li>• Stem cell research.</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/amira.hassouna">https://academics.aut.ac.nz/amira.hassouna</a> </p>
<b>Dr Kath Hoare</b>	Senior Lecturer – Health Studies Ph (09) 921 9999 ext 7117   Email: <a href="mailto:kath.hoare@aut.ac.nz">kath.hoare@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative – descriptive design</li> <li>• Mixed Methods - (combination of Qualitative and Quantitative methods)</li> <li>• Qualitative Methods – various theories and approaches</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Health Education and Interprofessional Education</li> <li>• Tertiary Education – scholarship of learning and teaching and student support</li> <li>• Primary Health Care and Health Promotion – including public health</li> <li>• Nursing – education, integrative approaches to health and well-being</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/kath.hoare">https://academics.aut.ac.nz/kath.hoare</a> </p>



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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods, experimental</li> <li>• Molecular biology</li> <li>• Quantitative including bioinformatics and statistical analysis of large datasets</li> <li>• Questionnaires and interviews</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Microbial Ecology and biotechnology</li> <li>• Human-microbes interactions and technology</li> <li>• Wellbeing in learning and teaching</li> <li>• Community health</li> <li>• Use of microbial communities as indicators of environmental and human health</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/kelvin.lau">https://academics.aut.ac.nz/kelvin.lau</a> </p>
<b>Dr Charon Lessing</b>	Senior Lecturer – Pharmacology & Health Economics Ph (09) 921 9999 ext 7870   Email: <a href="mailto:charon.lessing@aut.ac.nz">charon.lessing@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative, Mixed</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Health policy (pharmaceuticals);</li> <li>• Pharmacoeconomics</li> <li>• HIV</li> <li>• Working with health datasets.</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/charon.lessing">https://academics.aut.ac.nz/charon.lessing</a> </p>
<b>Dr Jane Morgan</b>	Senior Lecturer – Methods of Research and Enquiry Ph (09) 921 9999 ext 7023   Email: <a href="mailto:jane.morgan@aut.ac.nz">jane.morgan@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Hermeneutic phenomenology</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Interprofessional education</li> <li>• Interprofessional collaborative health care practice</li> <li>• Graduate capability</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/jane.morgan">https://academics.aut.ac.nz/jane.morgan</a> </p>

<b>Nicola Power</b>	Senior Lecturer Ph (90) 921 9999 ext 7319   Email: <a href="mailto:Nicola.power@aut.ac.nz">Nicola.power@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative research methods including:</li> <li>• Hermeneutic Phenomenology</li> <li>• Discourse analysis</li> <li>• Qualitative descriptive</li> </ul> <p><b>Research areas</b></p> <ul style="list-style-type: none"> <li>• Human touch</li> <li>• Childbirth and women's health</li> <li>• Psycho social wellbeing</li> <li>• Physical activity in the elderly</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/nicola.power">https://academics.aut.ac.nz/nicola.power</a> </p>
<b>Dr Meenal Rai</b>	Head of Department (Interim)– Interdisciplinary Studies Senior Lecturer Ph (90) 921 9999 ext 7563   Email: <a href="mailto:meenal.raai@aut.ac.nz">meenal.raai@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative inquiry and analysis applying social constructionism, interpretive description, phenomenology</li> <li>• Qualitative methodology including auto-ethnography, action research, projective techniques, online focus groups</li> </ul> <p><b>Research areas</b></p> <ul style="list-style-type: none"> <li>• Diet, health, and social sciences</li> <li>• Migrant health</li> <li>• Sustainable consumption</li> <li>• Behavioural and socio-cultural aspects of diet and health</li> <li>• Education practices and contemporary transitions</li> </ul> <p><i>Honours and Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/meenal.raai">https://academics.aut.ac.nz/meenal.raai</a> </p>
<b>Dr Caroline Stretton</b>	Senior Lecturer Ph (09) 921 9999 ext 7989   Email: <a href="mailto:caroline.stretton@aut.ac.nz">caroline.stretton@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods</li> <li>• Interpretive descriptive</li> <li>• Realist research methods</li> <li>• Intervention development</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Rehabilitation</li> <li>• Neurological physiotherapy</li> <li>• Physical activity</li> <li>• Real-world walking</li> <li>• Health coaching</li> <li>• Behaviour change</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/caroline.stretton">https://academics.aut.ac.nz/caroline.stretton</a> </p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative/experimental and cross-sectional</li> <li>• Systematic and scoping reviews</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Clinical exercise physiology/prescription for cardiometabolic disease e.g. type 2 diabetes</li> <li>• Nutrition therapy for cardiometabolic diseases</li> <li>• Nutrition for cognitive health and function</li> <li>• Yoga nidra/non-sleep deep rest</li> <li>• Breathing techniques and technologies</li> <li>• Novel technologies for tracking the autonomic nervous system and circadian rhythms</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/christian.thoma">https://academics.aut.ac.nz/christian.thoma</a></p>

## Public Health


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods</li> <li>• Quantitative</li> <li>• Qualitative</li> <li>• Participatory action research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Gender based violence</li> <li>• Youth sexuality and reproductive health</li> <li>• Health and human rights</li> <li>• Maternal and child health</li> <li>• International development</li> <li>• Indonesia</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/sari.andajani">https://academics.aut.ac.nz/sari.andajani</a></p>


<b>Dr Radilaite Cammock</b>	Deputy Associate Dean - Pacific Senior Lecturer - Public Health Ph (09) 921 9999 ext 77007   Email: <a href="mailto:radilaite.cammock@aut.ac.nz">radilaite.cammock@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Pacific Research Design</li> <li>• Talanoa</li> <li>• Mixed methods – Quantitative and Qualitative</li> <li>• Action research (participatory)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Pacific health</li> <li>• Pacific research paradigms and methodology</li> <li>• Pacific sexual and reproductive health</li> <li>• Non-communicable diseases</li> <li>• Socio-cultural influences in health</li> <li>• Pacific youth empowerment in health</li> <li>• iTaukei (Indigenous Fijian) women’s health and wellbeing</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/radilaite.cammock">https://academics.aut.ac.nz/radilaite.cammock</a> </p>
<b>Dr Nadia Charania</b>	Co-Head of Postgraduate Study Senior Lecturer - Public Health Co-Director, Centre for Migrant and Refugee Research Ph (09) 921 9999 ext 5430   Email: <a href="mailto:ncharani@aut.ac.nz">ncharani@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Community-based participatory research</li> <li>• Qualitative</li> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Migrant and refugee health</li> <li>• Maternal and child health</li> <li>• Vaccine-preventable diseases</li> <li>• Immunisations</li> <li>• Public health</li> <li>• Global health</li> <li>• Public health emergency preparedness</li> <li>• Infectious disease prevention and control</li> <li>• Health service, policy and practice</li> <li>• Health inequities</li> <li>• Community participation</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/nadia.charania">https://academics.aut.ac.nz/nadia.charania</a> </p>

<b>Dr Cath Conn</b>	Director, Centre for Child Health Research (CCHR) Ph (09) 921 9999 ext 7404   Email: <a href="mailto:cconn@aut.ac.nz">cconn@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Participatory</li> <li>• Applied and action research</li> <li>• Policy research</li> <li>• Narrative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Public health policy &amp; management</li> <li>• HIV / AIDS prevention</li> <li>• Youth sexual health</li> <li>• Gender empowerment</li> <li>• International development</li> <li>• NGOs</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/cath.conn">https://academics.aut.ac.nz/cath.conn</a></p> <p><b>Dr Cath Conn is not accepting supervisions until mid 2024.</b></p>
<b>Dr Ayah Elsayed</b>	Lecturer Ph (09) 921 9999 ext 6796   Email: <a href="mailto:ayah.elsayed@aut.ac.nz">ayah.elsayed@aut.ac.nz</a>
	<p><b>Methodology</b></p> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Cardiorespiratory medicine and haematology</li> <li>• Medical and Health sciences</li> <li>• Medical physiology</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/ayah.elsayed">https://academics.aut.ac.nz/ayah.elsayed</a></p>
<b>Associate Professor Ailsa Holloway</b>	Associate Professor   Postgraduate Programme Leader Public Health, Interdisciplinary, DRM Ph (09) 921 9999 ext 6796   Email: <a href="mailto:ailsa.holloway@aut.ac.nz">ailsa.holloway@aut.ac.nz</a>
	<p><b>Methodology</b></p> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Urban risk</li> <li>• hydro-meteorological risks</li> <li>• humanitarian emergencies</li> <li>• transboundary risks</li> <li>• post-disaster studies</li> <li>• cross-disciplinary (transdisciplinary) disaster risk research.</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/ailsa.holloway">https://academics.aut.ac.nz/ailsa.holloway</a></p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods inquiry</li> <li>• Kaupapa Māori Health Methodologies</li> <li>• Randomised Trials</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Oranga (health and well-being)</li> <li>• Equity</li> <li>• Indigenous peoples</li> <li>• Māori</li> <li>• Type-2 diabetes mellitus</li> <li>• Neurogenetic disorders</li> <li>• Lifestyle interventions</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/margaret.williams">https://academics.aut.ac.nz/margaret.williams</a> </p>


## Disaster Risk Management and Development

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Participatory research</li> <li>• Participatory methods</li> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Disaster risk reduction and resilience building</li> <li>• Climate change adaptation</li> <li>• Participatory approaches to disaster risk management and development</li> <li>• Participation theory</li> <li>• Children's participation in development</li> <li>• Wellbeing</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/kat.hore">https://academics.aut.ac.nz/kat.hore</a> </p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods (qualitative and quantitative)</li> <li>• Community-based participatory research</li> <li>• Policy research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Disaster risk reduction and disaster management</li> <li>• Community-based disaster risk reduction</li> <li>• Migration and remittances</li> <li>• Participatory tools for disaster risk reduction</li> <li>• Post-disaster recovery</li> <li>• Disaster risk reduction and climate change adaption policies</li> <li>• Marginalized and disaster</li> <li>• Pacific Region</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/loic.le.de">https://academics.aut.ac.nz/loic.le.de</a></p>

## Health Law and Healthcare Ethics

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Critical legal analysis</li> <li>• Qualitative methodologies</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Medical law</li> <li>• Mental health law</li> <li>• Disability and intellectual disability law</li> <li>• Legal and ethical aspects of medical decision-making</li> <li>• International comparative medical law</li> <li>• Human rights</li> <li>• Professional regulation and discipline</li> <li>• Tribunal processes and decision-making</li> <li>• Interdisciplinary health, disability and law</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/kate.diesfeld">https://academics.aut.ac.nz/kate.diesfeld</a></p>

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	<b>Methodology</b> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Case Study</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>• Ethics education</li> <li>• Values-based decision-making</li> <li>• Ethical analysis of professional practice</li> <li>• Scholarship of Technology Enhanced Learning (SoTEL)</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/amandab.lees">https://academics.aut.ac.nz/amandab.lees</a></p>



## Pacific Islands Families Studies

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	<b>Methodology</b> <ul style="list-style-type: none"> <li>• Mixed methods – quantitative and qualitative</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>• Public health and epidemiology with specific focus on Pacific health related issues</li> <li>• Men's health</li> <li>• Fatherhood and fathering behaviours</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/dan.tautolo">https://academics.aut.ac.nz/dan.tautolo</a></p>

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	<b>Methodology</b> <ul style="list-style-type: none"> <li>• Pacific Research Design</li> <li>• Talanoa</li> <li>• Qualitative</li> <li>• Quantitative</li> <li>• Umbrella reviews</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>• Pacific Health</li> <li>• Older Pacific people's health and wellness</li> <li>• Age-friendly communities</li> <li>• Pacific babies' health and wellbeing</li> </ul> <p><i>Masters supervision availability</i></p>

## Taupua Waiora



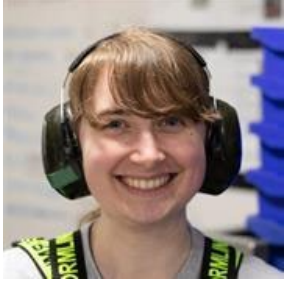
<p><b>Associate Professor Alayne Hall</b></p>	<p>Associate Head of School, Māori Advancement Programme Leader – Violence and Trauma Studies Research Fellow/Lecturer – Taupua Waiora Centre for Māori Health Research Ph (09) 921 9999 ext 7115   Email: <a href="mailto:alayne.hall@aut.ac.nz">alayne.hall@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Kaupapa Māori – Māori Centred</li> <li>• Purakau/Narrative</li> <li>• Case Study</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Māori/Indigenous health</li> <li>• Indigenous children</li> <li>• Violence in families</li> <li>• Historical trauma/Trauma-informed health care</li> <li>• Psychotherapy and counselling</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/alayne.hall">https://academics.aut.ac.nz/alayne.hall</a></p>
<p><b>Dr Deborah Heke</b></p>	<p>Senior Lecturer – School of Public Health and Interdisciplinary Studies Ph (09) 921 9999 ext 26512   Email: <a href="mailto:deborah.heke@aut.ac.nz">deborah.heke@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Kaupapa Māori / Indigenous Methodologies</li> <li>• Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Mana Wahine</li> <li>• Māori knowledge systems</li> <li>• Māori health</li> <li>• Physical Activity</li> <li>• Health and social equity</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/deborah.heke">https://academics.aut.ac.nz/deborah.heke</a></p>
<p><b>Associate Professor Isaac Warbrick</b></p>	<p>Senior Research Fellow   Co-Director of Taupua Waiora Centre for Māori Health Research Ph (09) 921 9999 ext 7591   Email: <a href="mailto:isaac.warbrick@hotmail.com">isaac.warbrick@hotmail.com</a></p>
	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Exercise physiology</li> <li>• Exercise and health</li> <li>• Māori men's health</li> <li>• Exercise and epigenetics</li> <li>• Traditional health models</li> <li>• Augmented reality and</li> <li>• Cultural reconnection</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/isaac.warbrick">https://academics.aut.ac.nz/isaac.warbrick</a></p>

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	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Nursing</li> <li>• Pediatrics and reproductive medicine</li> <li>• Public health and health services</li> <li>• Māori health</li> <li>• Mental health</li> <li>• Psychology</li> <li>• Cultural studies</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/dianne.wepa">https://academics.aut.ac.nz/dianne.wepa</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative (primarily) and quantitative</li> <li>• Māori-centred Kaupapa Māori</li> <li>• Grounded theory</li> <li>• Case study</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Māori/indigenous health</li> <li>• Cultural issues</li> <li>• Family violence</li> <li>• Health workforce development</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/denise.wilson">https://academics.aut.ac.nz/denise.wilson</a> </p>




# School of Science




## Environmental Science



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	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Community ecology and ecological biogeography: <ul style="list-style-type: none"> <li>Spatial and temporal patterns in species interactions (food webs), species richness, composition, functional traits, and phylogenetic diversity</li> <li>Predicting ecological dynamics using spatial patterns in biological populations and communities</li> <li>Lichens, ferns, vascular plants, invertebrates, microorganisms</li> </ul> </li> <li>Ecology of New Zealand sand dune ecosystems: <ul style="list-style-type: none"> <li>Ecology and population genetics of pīngao (<i>Ficinia spiralis</i>, Cyperaceae)</li> <li>The use of drone imagery in sand dune ecology and conservation</li> </ul> </li> <li>Enhancing native biodiversity in agroecological landscapes</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/hannah.buckley">https://academics.aut.ac.nz/hannah.buckley</a></p>
<p><b>Professor Andrea Alfaro</b></p>	<p>Professor of Marine Ecology and Aquaculture Head of Research Ph (09) 921 9999 ext 8197   Email: <a href="mailto:aalfaro@aut.ac.nz">aalfaro@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Experimental and quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Aquaculture – biology and ecology of species such as mussels, oysters, clams, abalone, and scallops</li> <li>Biotechnology – metabolomics, immunology and molecular biology of aquaculture species</li> <li>Health and nutrition of shellfish and finfish - wild and cultured animals</li> <li>Hatchery production of marine invertebrate larvae of commercial importance</li> <li>Physiological ecology of aquaculture species throughout the production line</li> <li>Broodstock conditioning and spawning of shellfish and finfish Estuarine and coastal ecology and ecosystem processes</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/andrea.alfaro">https://academics.aut.ac.nz/andrea.alfaro</a></p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative measurement of forest, wetland &amp; duneland ecosystems</li> <li>Semi-quantitative vegetation measurement</li> <li>Vegetation condition and assessment frameworks</li> <li>Vegetation classification and mapping</li> <li>Vegetation sampling and experimental design</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Long-term, landscape-scale monitoring of terrestrial ecosystems</li> <li>Urban ecosystems and ecology</li> <li>Measuring restoration success</li> <li>Impact of plant &amp; animal pests on indigenous ecosystems</li> <li>Provision of ecosystem services from restored wetland ecosystems</li> </ul> <p><i>Can supervise Honours and Masters</i>  <a href="https://academics.aut.ac.nz/craig.bishop">https://academics.aut.ac.nz/craig.bishop</a> </p>
<b>Associate Professor Kathrin Bolstad</b>	Senior Lecturer Deputy Head of Department   Environmental Science Ph (09) 921 9999 ext 6590   Email: <a href="mailto:kbolstad@aut.ac.nz">kbolstad@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Invertebrate taxonomy</li> <li>Cephalopods</li> <li>Crustaceans</li> <li>Spiders</li> <li>Marine invertebrate zoology (primarily cephalopods)</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/kathrin.bolstad">https://academics.aut.ac.nz/kathrin.bolstad</a> </p>
<b>Dr Heather Braid</b>	Senior Lecturer Ph (09) 921 9999 ext 28567   Email: <a href="mailto:heather.braid@aut.ac.nz">heather.braid@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Invertebrate systematics</li> <li>Genetics</li> <li>Ecology</li> <li>Cephalopods</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/heather.braid">https://academics.aut.ac.nz/heather.braid</a> </p>

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	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Conservation and ecology</li> <li>• Geographic Information Systems</li> <li>• Marine ecology</li> <li>• Marine protected areas</li> <li>• Marine spatial planning</li> <li>• Spatial and statistical modeling</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/daniel.breen">https://academics.aut.ac.nz/daniel.breen</a> </p>
<b>Associate Professor Bradley Case</b>	Head of Postgraduate Studies Senior Lecturer   Programme Leader – Geospatial Science Ph (09) 921 9999 ext 5231   Email: <a href="mailto:bradley.case@aut.ac.nz">bradley.case@aut.ac.nz</a>
	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Geographical Information Systems (GIS)</li> <li>• Remote Sensing</li> <li>• Python Programming for GIS</li> <li>• Plant Ecology</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/bradley.case">https://academics.aut.ac.nz/bradley.case</a> </p>
<b>Dr Marta Ribo Gene</b>	Lecturer   Environmental Science Ph (09) 921 9999 ext 28567   Email: <a href="mailto:marta.ribo.gene@aut.ac.nz">marta.ribo.gene@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Marine sediment samples</li> <li>• Geophysical data (bathymetry, seismic profiles)</li> <li>• Hydrographic data (temp, salinity profiles)</li> <li>• Hydrodynamic data (ocean current measurements)</li> <li>• Geographical Information Systems (GIS)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Marine geology</li> <li>• Seafloor geomorphology (depositional and erosional features)</li> <li>• Marine sedimentary records and structure evolution</li> <li>• Sediment transport and distribution from coast to deep ocean</li> <li>• Oceanography and sediment dynamics</li> <li>• Human activity impacts on seafloor and marine environment</li> </ul> <p><i>Masters and doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/marta.ribo.gene">https://academics.aut.ac.nz/marta.ribo.gene</a> </p>


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	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• UAV Remote Sensing</li> <li>• Visualisation and analysis of multispectral point clouds</li> <li>• Exploring overlaps between GIS, Photogrammetry and Virtual Reality</li> <li>• Gamification of GIS data for community engagement (e.g. Disaster Risk Reduction)</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/graham.hinchliffe">https://academics.aut.ac.nz/graham.hinchliffe</a> </p>
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	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Conservation science</li> <li>• Human dimensions of conservation</li> <li>• Social Science</li> <li>• Sustainable futures</li> <li>• Environmental and social justice</li> <li>• Conservation policy and management</li> <li>• Conservation and development</li> <li>• Political ecology</li> <li>• Knowledge exchange</li> <li>• Interdisciplinary and transdisciplinary research</li> </ul> <p><i>Masters and doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/rebecca.jarvis">https://academics.aut.ac.nz/rebecca.jarvis</a> </p>
<b>Professor Sebastian Leuzinger</b>	Environmental Science Ph (09) 921 9999 ext 6944   Email: <a href="mailto:sleuzing@aut.ac.nz">sleuzing@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Plant water and carbon relations across various scales</li> <li>• Plant growth and phenology</li> <li>• The effect of global environmental change on plants</li> <li>• Meta-analyses of global change experiments</li> <li>• General terrestrial and marine ecology</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/sebastian.leuzinger">https://academics.aut.ac.nz/sebastian.leuzinger</a> </p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative and Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Mātauranga Māori (Kaitiakitanga)</li> <li>Adaptive management of taonga species</li> <li>Parasite ecology</li> <li>Avian and reptile ecology</li> <li>Disease screening of kiwi nocturnal houses for fungal pathogens</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/john.perrott">https://academics.aut.ac.nz/john.perrott</a></p>
<p><b>Professor Michael Petterson</b></p>	<p>Professor of Geoscience Director of Learning and Teaching Ph (09) 921 9999 ext 9439   Email: <a href="mailto:michael.petterson@aut.ac.nz">michael.petterson@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative and qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Geology, Geochemistry, Structure &amp; Tectonics of Island arcs</li> <li>Geological &amp; Geo-Environmental Mapping and spatial analysis</li> <li>Application of Geoscience to development &amp; international development</li> <li>Geohazards and risk, with applications to policy and communities</li> <li>Geology, landscape, and the environment</li> <li>Sustainable economic geology and minerals</li> <li>Scientific institution and capacity building</li> <li>Leadership, Management, &amp; strategic development within Science Organisations</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/michael.petterson">https://academics.aut.ac.nz/michael.petterson</a> <b>Michael will be unavailable for any further supervisions until mid-2023</b></p>
<p><b>Associate Professor Armagan Sabetian</b></p>	<p>Associate Professor - Marine Science Programme Leader for BSc (standard) Ph (09) 921 9999 ext 8004   Email: <a href="mailto:armagan.sabetian@aut.ac.nz">armagan.sabetian@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative and qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Pacific Islands/tropical fisheries</li> <li>Fish population dynamics</li> <li>Fish otolith chemistry</li> <li>Fish reproduction</li> <li>Aquaculture</li> <li>Ecosystems functions and habitual utilization</li> <li>Conservation</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/armagan.sabetian">https://academics.aut.ac.nz/armagan.sabetian</a></p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Aquatic ecology and biogeochemistry</li> <li>Animal-sediment interactions</li> <li>Sediment-water solute exchange processes</li> <li>Underwater experimentation with electrochemical microsensors</li> <li>Seafloor and water column monitoring</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/kay.vopel">https://academics.aut.ac.nz/kay.vopel</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Seaweed utilisation by humans and marine herbivores</li> <li>Human seaweed utilisation, e.g. seaweed farming</li> <li>Plant / herbivore interactions relating to diet choice and digestive physiology, particularly of marine herbivorous fishes</li> <li>Bioactive compounds in seaweeds and their impacts in human health</li> <li>Variation in the chemical composition of seaweeds and impacts on human and herbivore diet choices and health</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/lindsey.white">https://academics.aut.ac.nz/lindsey.white</a> </p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative and Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Geological and structural interpretation of magnetic and gravity datasets</li> <li>Structural geology and tectonic evolution of orogenic terranes</li> <li>Sustainable economic geology and exploration for critical minerals</li> <li>Geophysical properties of the solid Earth</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/helen.williams">https://academics.aut.ac.nz/helen.williams</a> </p>

## Biomedicine and Medical Diagnostics



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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Molecular Genetics</li> <li>LCMS/GCMS/HPLC</li> <li>Immunochemistry/Chemistry</li> <li>Electrophoresis</li> <li>ELISA/RIA</li> <li>Health informatics SQL/HL7 coding</li> <li>Bioinformatics</li> </ul> <p><b>Research Areas</b></p> <p><b>Scientific</b></p> <ul style="list-style-type: none"> <li>Molecular Diagnosis in metabolic disease</li> <li>Protein markers for cancer management</li> <li>Pharmacogenetics</li> <li>Fundamental research in evolution and clinical aspects of microorganisms</li> <li>Application of LCMS/HPLC in drug/unknown substances</li> <li>Detection, evaluation, and prevention of the toxic effects of substances</li> </ul> <p><b>Health management</b></p> <ul style="list-style-type: none"> <li>Organisation culture in public health sector</li> <li>Risk management and strategy in public health sector</li> <li>Quality assurance and compliance in public health sector</li> </ul> <p><b>Health Information technology</b></p> <ul style="list-style-type: none"> <li>Laboratory workflow analytics using IT</li> <li>Standard analysis in intra-operability for health information technology</li> <li>SQL/Linux coding for laboratory IT</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/wee.leon.chang">https://academics.aut.ac.nz/wee.leon.chang</a> </p>




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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Molecular genetics</li> <li>Genomics &amp; transcriptomics</li> <li>Bioinformatics</li> <li>Plant/virus molecular interactions</li> <li>Transgenic virus resistance</li> <li>Genetic variability and molecular evolution</li> <li>Plant virus genetic variability and molecular evolution</li> <li>Plant virus ecology</li> <li>Application of molecular tools to interesting biological questions</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/colleen.higgins">https://academics.aut.ac.nz/colleen.higgins</a> </p>
<b>Dr Jemila Caplan Kester</b>	Senior Lecturer – Biomedicine and Medical Diagnostics Ph (09) 921 9999 ext 27370   Email: <a href="mailto:jemila.kester@aut.ac.nz">jemila.kester@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Culture of microorganisms and human tissue</li> <li>Cellular and molecular biology techniques</li> <li>Systems-level analysis (e.g., 'omics)</li> <li>Device design for oxygen control</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Microbiome and prebiotics</li> <li>Host-pathogen interactions</li> <li>Immunity and infectious diseases</li> <li>Biomedical engineering</li> <li>Systems biology</li> </ul> <p><i>Honours, Masters, and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/jemila.kester">https://academics.aut.ac.nz/jemila.kester</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Drug transporter as therapeutic targets (anti-cancer, cardiovascular and anti-diabetic drugs)</li> <li>Nanomedicine</li> <li>Novel drug delivery system to overcome multidrug resistance to chemotherapy</li> <li>Novel drug delivery system to improve drug bioavailability</li> <li>Develop novel anti-cancer compounds from nature products</li> <li>Drug metabolism and pharmacokinetics</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/yan.li">https://academics.aut.ac.nz/yan.li</a> </p>


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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <p>Breast cancer</p> <ul style="list-style-type: none"> <li>Audit of grade 3 breast cancer in New Zealand women (in collaboration with New Zealand Breast Cancer Register)</li> <li>Breast cancer-related studies</li> </ul> <p>Health management</p> <ul style="list-style-type: none"> <li>Organisation culture in public health sector</li> <li>Risk management and strategy in public health sector</li> <li>Quality assurance and compliance in public health sector</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/sharita.meharry">https://academics.aut.ac.nz/sharita.meharry</a> </p>
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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Haematology/pathology</li> <li>Medical</li> <li>Functional medicine diagnostics</li> <li>Clinical nutrition</li> </ul> <p><i>Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/jill.meyer">https://academics.aut.ac.nz/jill.meyer</a> </p>
<b>Professor Ali Seyfoddin</b>	Deputy Head of School - Science   Senior Lecturer in Biomedical Sciences Ph (09) 921 9999 ext 6033   Email: <a href="mailto:ali.seyfoddin@aut.ac.nz">ali.seyfoddin@aut.ac.nz</a>
	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Novel drug delivery devices and formulation</li> <li>Medicinal cannabis cultivation, extraction, processing and formulation</li> <li>Natural products design and formulation</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/ali.seyfoddin">https://academics.aut.ac.nz/ali.seyfoddin</a> </p>


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	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Molecular mechanisms of immunity in plants, animals and humans</li> <li>• Molecular plant-microbe interactions</li> <li>• Plant stress responses</li> <li>• Plant virus detection</li> <li>• Calcium-dependent protein kinases and calcium signalling</li> <li>• Allergic immune responses</li> </ul> <p><i>Masters and Doctoral supervision</i>  <a href="https://academics.aut.ac.nz/gardette.valmonte">https://academics.aut.ac.nz/gardette.valmonte</a> </p>

## Chemistry


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	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Chemistry and biochemistry of vitamin B<sub>12</sub></li> <li>• Reaction kinetics and mechanism</li> <li>• Developing photoactive HNO donors</li> <li>• Reactive oxygen and nitrogen species</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/nicola.brasch">https://academics.aut.ac.nz/nicola.brasch</a> </p>
<b>Dr Jack Chen</b>	Senior Lecturer - Chemistry Ph (09) 921 9999 ext 8398   Email: <a href="mailto:jack.chen@aut.ac.nz">jack.chen@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Medicinal chemistry and drug delivery</li> <li>• Green Catalysis and Sustainable Chemistry</li> <li>• Organic Synthesis and Methodology Development</li> <li>• Understanding reaction mechanisms and kinetics</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/jack.chen">https://academics.aut.ac.nz/jack.chen</a> </p>



<b>Dr Emma Davison</b>	Lecturer - Chemistry Email: <a href="mailto:emma.davison@aut.ac.nz">emma.davison@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> <li></li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Medicinal chemistry</li> <li>RNA/DNA drug discovery, development, and delivery</li> <li>Organic synthesis and methodology</li> <li>Bioactive molecules</li> <li>Research commercialization</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/emma.davison">https://academics.aut.ac.nz/emma.davison</a> </p>
<b>Mark Duxbury</b>	Lecturer Ph (09) 921 9999 ext 8742   Email: <a href="mailto:mduxbury@aut.ac.nz">mduxbury@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Biochemistry and molecular biology</li> <li>Pathogenesis related proteins in plants</li> <li>Enzymology of chitinases and lysozymes</li> <li>Phytophthora disease of Kauri</li> </ul> <p><i>Honours and Masters</i>  <a href="https://academics.aut.ac.nz/mark.duxbury">https://academics.aut.ac.nz/mark.duxbury</a> </p>
<b>Associate Professor Marcus Jones</b>	Associate Professor Head of Department and Programme Leader   Chemistry Ph (09) 921 9999 ext 5436   Email: <a href="mailto:marcus.jones@aut.ac.nz">marcus.jones@aut.ac.nz</a>
	<p><b>Research Areas</b></p> <p>Photophysical processes that enable new functionality in hybrid-nanoscale materials, including:</p> <ul style="list-style-type: none"> <li>Multi-excitons in colloidal quantum dots.</li> <li>Exciton-plasmon coupling in semiconductor/metal hybrid nanosystems.</li> <li>Interfacial processes in quantum dot exciton relaxation dynamics.</li> <li>Interaction of nanoparticles with biologically important molecules for theranostic applications.</li> <li>Ensemble and single-particle time-resolved fluorescence spectroscopy.</li> <li>Synthesis and characterization of novel core/shell quantum dots and nanocrystals.</li> <li>Computational modeling of photo-induced dynamics in nanoscale systems.</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/marcus.jones">https://academics.aut.ac.nz/marcus.jones</a> </p>


<b>Dr Taniela Lolohea</b>	Lecturer - Chemistry Ph (09) 921 9999 ext 5007   Email: <a href="mailto:taniela.lolohea@aut.ac.nz">taniela.lolohea@aut.ac.nz</a>
	<b>Research Interests</b> <ul style="list-style-type: none"> <li>• Atmospheric plasma jet deposition of novel and functional surface coatings</li> <li>• Encapsulation and delivery systems</li> <li>• Advanced surface coatings and nanotechnology</li> <li>• Pacific indigenous science towards revolutionary materials</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="#">Taniela Lolohea Profile   Auckland University of Technology (aut.ac.nz)</a></p>

<b>Adrian Owens</b>	Senior Technician Ph (09) 921 9999 ext 6067   Email: <a href="mailto:adrian.owens@aut.ac.nz">adrian.owens@aut.ac.nz</a>
	<b>Research Areas</b> <ul style="list-style-type: none"> <li>• Physical Chemistry</li> <li>• Organic Chemistry</li> </ul> <p><i>Honours and Masters supervision availability</i></p>

## Food Science and Microbiology


<b>Professor Nazimah Hamid</b>	Professor in Food Science Ph (09) 921 9999 ext 6453   Email: <a href="mailto:nhamid@aut.ac.nz">nhamid@aut.ac.nz</a>
	<b>Methodology</b> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>• Sensory science</li> <li>• Consumer testing of foods</li> <li>• Food product development</li> </ul> <p><i>Masters and Doctoral supervision</i>  <a href="https://academics.aut.ac.nz/nazimah.hamid">https://academics.aut.ac.nz/nazimah.hamid</a></p>

<b>Dr Syrie Hermans</b>	Lecturer Ph (09) 921 9999 ext 29034   Email: <a href="mailto:syrie.hermans@aut.ac.nz">syrie.hermans@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Molecular microbiology ('omics techniques)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Microbial ecology</li> <li>• Soil microbiology</li> <li>• Biological indicators of ecosystem health</li> <li>• eDNA based characterizations of macro-communities</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/syrie.hermans">https://academics.aut.ac.nz/syrie.hermans</a> </p>
<b>Dr Rothman Kam</b>	Senior Lecturer – Food technology Head of Undergraduate - Students Ph (09) 921 9999 ext 7620   Email: <a href="mailto:rothman.kam@aut.ac.nz">rothman.kam@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Food chemistry</li> <li>• Food processing</li> <li>• Food waste valorisation</li> <li>• Food engineering</li> </ul> <p><i>Masters and Doctoral supervision</i>  <a href="https://academics.aut.ac.nz/rothman.kam">https://academics.aut.ac.nz/rothman.kam</a> </p>
<b>Professor Donnabella C. Lacap-Bugler</b>	Head of Department – Food Science and Microbiology Professor Programme Leader - Microbiology Ph (09) 921 9999 ext 8089   Email: <a href="mailto:dlacapbu@aut.ac.nz">dlacapbu@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Soil microbiology</li> <li>• Astrobiology</li> <li>• Aerobiology</li> <li>• Oral Microbiology</li> <li>• Ecological and evolutionary dynamics of micro organisms</li> <li>• Metagenomics</li> <li>• Microbial stress responses</li> </ul> <p><i>Masters and Doctoral supervision</i>  <a href="https://academics.aut.ac.nz/donnabella.lacapbugler">https://academics.aut.ac.nz/donnabella.lacapbugler</a> </p>


<b>Dr Kevin Lee</b>	Senior Lecturer   Bioinformatics and Environmental Microbiology Ph (09) 921 9999 ext 8659   Email: <a href="mailto:Kevin.Lee@aut.ac.nz">Kevin.Lee@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Bioinformatics</li> </ul> <p><b>Research Areas</b>          Microbial Ecology</p> <ul style="list-style-type: none"> <li>• Investigation of microbial communities in habitats such as desert soil, the atmosphere, and host-associated environments.</li> <li>• Genomic and metagenomic studies of prokaryotes</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/kevin.lee">https://academics.aut.ac.nz/kevin.lee</a> </p>
<b>Dr Thao Le</b>	Senior Lecturer   Food Science and Microbiology Ph (09) 921 9999 ext 8741   Email: <a href="mailto:thao.le@aut.ac.nz">thao.le@aut.ac.nz</a>
	<p><b>Research Interests</b></p> <ul style="list-style-type: none"> <li>• Chemical reactions in food</li> <li>• Proteomics</li> <li>• Bioactive peptides</li> <li>• Application of LC-HRMS in peptide and protein analyses</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="#">Thao Le Profile   Auckland University of Technology (aut.ac.nz)</a> </p>
<b>Associate Professor Brent Seale</b>	Associate Professor   Programme Leader – Food Safety Ph (09) 921 9999 ext 8717   Email: <a href="mailto:bseale@aut.ac.nz">bseale@aut.ac.nz</a>
	<p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Food microbiology with a particular reference to dairy processing</li> <li>• Adhesion of bacteria to surfaces and biofilm formation</li> <li>• Molecular identification of bacteria</li> <li>• Extremophilic bacteria</li> </ul> <p><i>Masters and Doctoral supervision</i>  <a href="https://academics.aut.ac.nz/brent.seale">https://academics.aut.ac.nz/brent.seale</a> </p>




Professor Michelle Yoo	Associate Head of Research and Programme Leader   Food Science Ph (09) 921 9999 ext 6456   Email: <a href="mailto:myoo@aut.ac.nz">myoo@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Value-added food product development</li> <li>• Digestibility profile of foods</li> <li>• Nutritional and physiochemical assessments of foods</li> <li>• Application of bioactives for food product development</li> <li>• Gluten free bread</li> <li>• Insects as foods</li> </ul> <p><i>Masters and Doctoral supervision</i>  <a href="https://academics.aut.ac.nz/michelle.yoo">https://academics.aut.ac.nz/michelle.yoo</a></p>




# School of Sport and Recreation


Professor Erica Hinckson	Professor - Physical Activity Ph (09) 921 9999 ext 7224   Email: <a href="mailto:erica.hinckson@aut.ac.nz">erica.hinckson@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Experimental (quantitative)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Health and wellbeing of people and communities, across the lifespan Built environment, active commuting, physical activity, obesity, sedentary behaviour, postprandial lipemia, children &amp; youth with disabilities, objective measurement of physical activity and sedentary behaviour, standing desks</li> <li>Women Teachers' workplace, cycling, NZ Muslim women</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/erica.hinckson">https://academics.aut.ac.nz/erica.hinckson</a></p>

## Youth Athlete Development (incl Coaching, Health & Physical Education)

Dr Denise Atkins	Senior Lecturer - Pedagogy Ph (09) 921 9999 ext 7616   Email: <a href="mailto:denise.atkins@aut.ac.nz">denise.atkins@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Pedagogy and practice in health and physical education within the NZ curriculum</li> <li>NZ curriculum policy</li> <li>Socio-critical perspectives in health and physical education</li> <li>Body pedagogies</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/denise.atkins">https://academics.aut.ac.nz/denise.atkins</a></p>


<p><b>Dr Sierra Keung</b></p>	<p>Pasifika Strategic Development and Relationships Lead Senior Lecturer – Sport &amp; Recreation Ph (09) 921 9999 ext 6834   Email: <a href="mailto:skeung@aut.ac.nz">skeung@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Indigenous (Kaupapa Māori and Pacific)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Māori and Pacific athlete wellbeing</li> <li>• Athlete wellbeing</li> <li>• Athlete development</li> <li>• Coach development</li> <li>• Sport Leadership</li> <li>• Youth sport development</li> </ul> <p><i>Can supervise Honours and Masters and Doctoral students.</i> <a href="https://academics.aut.ac.nz/sierra.keung">https://academics.aut.ac.nz/sierra.keung</a></p>
<p><b>Dr Craig Harrison</b></p>	<p>Research Fellow – Youth Athlete Development Email: <a href="mailto:craig.harrison@aut.ac.nz">craig.harrison@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed Methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Movement skill acquisition</li> <li>• Development of strength, power, speed and fitness in young athletes</li> <li>• Long term athlete development</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/craig.harrison">https://academics.aut.ac.nz/craig.harrison</a></p>
<p><b>Associate Professor Jennifer Nikolai</b></p>	<p>Senior Lecturer - Pedagogy Ph (09) 921 9999 ext 7858   Email: <a href="mailto:jnikolai@aut.ac.nz">jnikolai@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Practice-led research</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Live and digital performance and technology</li> <li>• Dance and camera dramaturgy</li> <li>• Motion capture</li> <li>• Teaching-research nexus</li> <li>• Emergent methods</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/jennifer.nikolai">https://academics.aut.ac.nz/jennifer.nikolai</a></p>




<b>Dr Tony Oldham</b>	Senior Lecturer - Sports coaching Ph (09) 921 9999 ext 7057   Email: <a href="mailto:toldham@aut.ac.nz">toldham@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Perception and Action in Sport</li> <li>• Stress and Performance</li> <li>• Motivated Behavior in Sport and Exercise</li> <li>• Adherence in Physical Activity</li> <li>• Psychology of the ageing performer</li> <li>• Fatigue and psychological performance</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/tony.oldham">https://academics.aut.ac.nz/tony.oldham</a> </p>
<b>Associate Professor Kirsten Spencer</b>	Associate Professor – Youth Development and Performance Analysis Ph (09) 921 9999 ext 7239   Email: <a href="mailto:kirsten.spencer@aut.ac.nz">kirsten.spencer@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative and mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Sport Performance analysis</li> <li>• Coaching pathway development</li> <li>• Coaching and coach behaviour</li> <li>• Athlete-centred coaching</li> <li>• Women in Coaching</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/kirsten.spencer">https://academics.aut.ac.nz/kirsten.spencer</a> </p>
<b>Kylie Thompson</b>	Senior Lecturer Health and Physical Education Discipline Leader Ph (09) 921 9999 ext 6205   Email: <a href="mailto:kylie.thompson@aut.ac.nz">kylie.thompson@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Health and physical education curriculum</li> <li>• Social and emotional learning (through movement)</li> <li>• Pedagogy</li> <li>• Sport, physical activity, and physical education in schools</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="#">Kylie Thompson Profile   Auckland University of Technology (aut.ac.nz)</a> </p>




<b>Associate Professor Simon Walters</b>	Associate Professor Youth Athlete Development Ph (09) 921 9999 ext 7022   Email: <a href="mailto:simon.walters@aut.ac.nz">simon.walters@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Qualitative and mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Children in sport</li> <li>Sideline behaviour</li> <li>Athlete-centred coaching</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/simon.walters">https://academics.aut.ac.nz/simon.walters</a></p>




<b>Dr Denny Wells</b>	Research Associate Sports Performance Research Institute NZ / Sports Kinesiology Injury Prevention and Performance Email: <a href="mailto:denny.wells@aut.ac.nz">denny.wells@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Experimental, Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Sports biomechanics</li> <li>Biomechanical modelling</li> <li>Motion capture and analysis</li> </ul> <p><i>Masters and Doctoral supervision availability</i></p>


## Physical Activity, Nutrition, and the Outdoors


<b>Professor Scott Duncan</b>	Head of Department – Physical Activity, Nutrition, and the Outdoors Ph (09) 921 9999 ext 7678   Email: <a href="mailto:scott.duncan@aut.ac.nz">scott.duncan@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Physical activity, health and wellbeing</li> <li>Outdoor play and connection to nature</li> <li>Active transport and independent mobility</li> <li>Urban design for health and wellbeing</li> <li>School-based health promotion</li> <li>Body composition research</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/scott.duncan">https://academics.aut.ac.nz/scott.duncan</a></p>

<b>Associate Professor Mike Brown</b>	Associate Professor – Outdoor Learning Ph (09) 921 9999 ext 8387   Email: <a href="mailto:Mike.brown@aut.ac.nz">Mike.brown@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Place responsive pedagogy</li> <li>• Human-nature relationships</li> <li>• Water based activities and learning</li> <li>• Adventure and learning</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/mike.brown">https://academics.aut.ac.nz/mike.brown</a> </p>
<b>Professor Nigel Harris</b>	Dean – Graduate Research School Professor - Sport and Exercise Science Ph (09) 921 9999 ext 7301   Email: <a href="mailto:nigel.harris@aut.ac.nz">nigel.harris@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental, quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Exercise assessment and prescription for metabolic health</li> <li>• Resistance training</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/nigel.harris">https://academics.aut.ac.nz/nigel.harris</a> </p>
<b>Professor Erica Hinckson</b>	Professor - Physical Activity (School of Sport and Recreation) Ph (09) 921 9999 ext 7224   Email: <a href="mailto:erica.hinckson@aut.ac.nz">erica.hinckson@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental (quantitative)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• People and communities, across the lifespan  Built environment, active commuting, physical activity, obesity, sedentary behaviour, postprandial lipemia, children &amp; youth with disabilities, objective measurement of physical activity and sedentary behaviour, standing desks</li> <li>• Women  Teachers' workplace, cycling, NZ Muslim women</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/erica.hinckson">https://academics.aut.ac.nz/erica.hinckson</a> </p>

<b>Dr Charlotte Jelleyman</b>	Lecturer and Research Fellow Ph (09) 921 9999 ext 7078   Email: <a href="mailto:charlotte.jelleyman@aut.ac.nz">charlotte.jelleyman@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Qualitative</li> <li>• Mixed</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Understanding parent and teacher responses to risk amplifying events</li> <li>• Risk perception in outdoor education</li> <li>• The philosophy of adventure</li> <li>• Rafting as an outdoor education practice</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/charlotte.jelleyman">https://academics.aut.ac.nz/charlotte.jelleyman</a> </p>
<b>Mark Jones</b>	Senior Lecturer   Outdoor Education Major Coordinator Ph (09) 921 9999 ext 7272   Email: <a href="mailto:mark.jones@aut.ac.nz">mark.jones@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative, qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Understanding parent and teacher responses to risk amplifying events</li> <li>• Risk perception in outdoor education</li> <li>• The philosophy of adventure</li> <li>• Rafting as an outdoor education practice</li> </ul> <p><i>Honours and Masters supervision availability</i>  <a href="https://academics.aut.ac.nz/mark.jones">https://academics.aut.ac.nz/mark.jones</a> </p>
<b>Dr Lisa Mackay</b>	Lecturer Email: <a href="mailto:lisa.mackay@aut.ac.nz">lisa.mackay@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Physical activity and sedentary behaviour</li> <li>• Wellbeing</li> <li>• Health promoting environments (urban design, workplaces)</li> <li>• 24 h behavioural time use epidemiology</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/lisa.mackay">https://academics.aut.ac.nz/lisa.mackay</a> </p>

<b>Professor Mark Orams</b>	Deputy Vice-Chancellor Research Ph (09) 921 9999 ext 6410   Email: <a href="mailto:morams@aut.ac.nz">morams@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods</li> <li>• Post-positivism</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Outdoor recreation (especially nature based)</li> <li>• Risk and adventure sport and recreation</li> <li>• Sport leadership and organisational culture</li> <li>• Outdoor education (especially environmental education and leadership)</li> <li>• Marine sport and recreation (especially surfing, sailing, scuba diving, paddle-sports, ocean swimming)</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/mark.orams">https://academics.aut.ac.nz/mark.orams</a></p> <p><b>Currently unavailable for any further supervisions</b></p>
<b>Professor Grant Schofield</b>	Professor of Public Health Director Human Potential Centre Ph (09) 921 9999 ext 9169   Email: <a href="mailto:grant.schofield@aut.ac.nz">grant.schofield@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Application of appropriate method to answer research question</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Physical activity, nutrition &amp; health</li> <li>• Nutrition guidelines for public health</li> <li>• Fasting</li> <li>• Low carbohydrate and ketogenic diets</li> <li>• Prevention, treatment and reversal of chronic disease through lifestyle including diabetes, cancer, CVD, and stroke.</li> <li>• Wellbeing and positive psychology/health as tools for health behaviour change</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/grant.schofield">https://academics.aut.ac.nz/grant.schofield</a></p>
<b>Dr Tom Stewart</b>	Senior Research Fellow Statistical Advisor Ph (09) 921 9999 ext 7855   Email: <a href="mailto:tom.stewart@aut.ac.nz">tom.stewart@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> <li>• Predictive modelling, machine learning, big data</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Physical activity, sedentary behaviour, and health</li> <li>• Wearable technology, measurement of behaviour</li> <li>• Health promoting environments.</li> <li>• Time use epidemiology</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/tom.stewart">https://academics.aut.ac.nz/tom.stewart</a></p>




<b>Dr Aaron Uthoff</b>	Research Fellow – Strength and Conditioning AUT Sports Performance Research Institute New Zealand (SPRINZ) Email: <a href="mailto:aaron.uthoff@aut.ac.nz">aaron.uthoff@aut.ac.nz</a>
	<b>Methodology</b> <ul style="list-style-type: none"> <li>Experimental, quantitative</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>Kinematics and kinetics of resistance training</li> <li>Kinematics and kinetics of sprint and change of direction performance</li> <li>Development of strength, power, speed, and agility</li> <li>Long term athlete development</li> <li>Wearable resistance</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/aaron.uthoff">https://academics.aut.ac.nz/aaron.uthoff</a></p>


<b>Associate Professor Caryn Zinn</b>	Dietitian   Head of Research   Senior Lecturer Ph (09) 921 9999 ext 7842   Email: <a href="mailto:caryn.zinn@aut.ac.nz">caryn.zinn@aut.ac.nz</a>
	<b>Methodology</b> <ul style="list-style-type: none"> <li>Mixed methods case study; Quantitative</li> </ul> <b>Research Areas</b> The application of <ol style="list-style-type: none"> <li>Low carbohydrate, high fat diets</li> <li>Ketogenic diets</li> <li>Intermittent fasting strategies on metabolic health and sports performance across all ages and population groups.</li> </ol> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/caryn.zinn">https://academics.aut.ac.nz/caryn.zinn</a></p>

## Sport Leadership and Management



<b>Gaye Bryham</b>	Acting Head of School   HOD - Sport Leadership and Management Ph (09) 921 9999 ext 7739   Email: <a href="mailto:gaye.bryham@aut.ac.nz">gaye.bryham@aut.ac.nz</a>
	<b>Methodology</b> <ul style="list-style-type: none"> <li>Qualitative</li> <li>Action Research, Action Learning</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>Sport leadership</li> <li>Diversity and inclusion in sport</li> <li>Athlete-Life management</li> </ul> <p><i>Honours and Masters supervision availability</i> <a href="https://academics.aut.ac.nz/gaye.bryham">https://academics.aut.ac.nz/gaye.bryham</a></p>




<b>Lefaoali'i Dr Dion Enari</b>	Senior Lecturer Email: <a href="mailto:dion.enari@aut.ac.nz">dion.enari@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Indigenous</li> <li>• Exploratory</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Sport Leadership</li> <li>• Sport Management</li> <li>• Pacific Studies</li> <li>• Indigenous Studies</li> <li>• Trans-nationalism</li> </ul> <p><i>Can supervise Honours and Masters and Doctoral students</i>  <a href="https://academics.aut.ac.nz/dion.enari">https://academics.aut.ac.nz/dion.enari</a> </p>
<b>Professor Lesley Ferkins</b>	Professor - Sport and Leadership & Governance Director, Sports Performance Research Institute New Zealand (SPRINZ) Ph (09) 921 9999 ext 7644   Email: <a href="mailto:lferkins@aut.ac.nz">lferkins@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative, especially action research, case study, interpretive approaches</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Sport governance</li> <li>• Sport leadership</li> <li>• Sport development</li> <li>• Sport management</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/lesley.ferkins">https://academics.aut.ac.nz/lesley.ferkins</a> </p>
<b>Associate Professor Jenny Fleming</b>	Associate Professor   Academic Manager Ph (09) 921 9999 ext 7164   Email: <a href="mailto:jenny.fleming@aut.ac.nz">jenny.fleming@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> <li>• Action research, action learning</li> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Cooperative education and work-integrated learning (WIL)</li> <li>• Pedagogies for integrating theory and practice</li> <li>• Partnerships and relationships in WIL</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/jenny.fleming">https://academics.aut.ac.nz/jenny.fleming</a> </p>




<b>Dr Mel Johnston</b>	Lecturer   Sport Leadership and Management Email: <a href="mailto:melody.johnston@aut.ac.nz">melody.johnston@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative, Qualitative, Mixed Methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Major Sport Events</li> <li>Gender diversity in sport</li> <li>Sport development</li> <li>Sport for development</li> <li>Sport marketing</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/melody.johnston">https://academics.aut.ac.nz/melody.johnston</a></p>
<b>Dr Patricia Lucas</b>	Senior Lecturer   Work-integrate learning/Human physiology and nutrition Ph (09) 921 9999 ext 7134   Email: <a href="mailto:patricia.lucas@aut.ac.nz">patricia.lucas@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Qualitative</li> <li>Case study</li> <li>Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Education <ul style="list-style-type: none"> <li>Work integrated learning</li> <li>Employability</li> <li>Targeted populations</li> </ul> </li> <li>Physical activity and nutrition <ul style="list-style-type: none"> <li>Active aging</li> <li>Older adults and processed foods</li> </ul> </li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/patricia.lucas">https://academics.aut.ac.nz/patricia.lucas</a></p>
<b>Dr Tracy Molloy</b>	Senior Lecturer – Sport Leadership & Management Ph (09) 921 9999 ext 7092   Email: <a href="mailto:tracy.molloy@aut.ac.nz">tracy.molloy@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Critical realism</li> <li>Case study</li> <li>Action research</li> <li>Mixed methods (combining qualitative and quantitative methods)</li> <li>Ally for co-design (with indigenous methods)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Sport governance and leadership</li> <li>Sport integrity</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/tracy.molloy">https://academics.aut.ac.nz/tracy.molloy</a></p>

<b>Dr Richard Wright</b>	Senior Lecturer - Sport and Recreation Management Ph (09) 921 9999 ext 7633   Email: <a href="mailto:Richard.wright@aut.ac.nz">Richard.wright@aut.ac.nz</a>
	<b>Methodology</b> <ul style="list-style-type: none"> <li>Mixed, qualitative &amp; quantitative, autoethnography</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>Sports event management</li> <li>Sports facilities management</li> <li>Sports tourism</li> <li>Serious leisure</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/richard.wright">https://academics.aut.ac.nz/richard.wright</a></p>




## Sport and Exercise Science




<b>Associate Professor Chris Whatman</b>	Senior Lecturer Ph (09) 921 9999 ext 7037   Email: <a href="mailto:cwhatman@aut.ac.nz">cwhatman@aut.ac.nz</a>
	<b>Methodology</b> <ul style="list-style-type: none"> <li>Quantitative, experimental, mixed methods</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>Injury prevention in youth sports</li> <li>Specialisation and bio-banding in youth sport</li> <li>Neuromuscular warm-up in youth sports</li> <li>Player workload and injury risk</li> <li>Visual rating of movement tests in athletes</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/chris.whatman">https://academics.aut.ac.nz/chris.whatman</a></p>
<b>Dr Marelise Badenhorst</b>	Research Associate   Sports Performance Research Institute NZ (SPRINZ) Ph (09) 921 9999   Email: <a href="mailto:Marelise.badenhorst@aut.ac.nz">Marelise.badenhorst@aut.ac.nz</a>
	<b>Methodology</b> <ul style="list-style-type: none"> <li>Qualitative</li> </ul> <b>Research Areas</b> <ul style="list-style-type: none"> <li>Physiotherapy</li> <li>Athlete Health and Welfare</li> <li>Injury Prevention</li> <li>Concussion and spinal cord injury in sport</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i></p>

<b>Dr Luigi Bercades</b>	Lecturer – Exercise Science Ph (09) 921 9999 ext 28653   Email: <a href="mailto:Luigi.bercades@aut.ac.nz">Luigi.bercades@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Mixed methods</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Special populations</li> <li>• Combat sports</li> <li>• Physical fitness</li> <li>• Elderly</li> <li>• Disabled people</li> <li>• Expert knowledge</li> </ul> <p><i>Honours, Masters and Doctoral supervision availability</i></p>
<b>Associate Professor Matt Brughelli</b>	Senior Lecturer – Exercise Science Ph (09) 921 9999 ext 7025   Email: <a href="mailto:matt.brughelli@aut.ac.nz">matt.brughelli@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative exercise science</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Kinetics and kinematics of sprinting</li> <li>• Injury prevention in sport</li> <li>• Development of strength, power, speed, and agility</li> <li>• Acute and chronic effects of eccentric exercise</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/matt.brughelli">https://academics.aut.ac.nz/matt.brughelli</a> </p>
<b>Associate Professor Simeon Cairns</b>	Associate Professor – Sport and Recreation Ph (09) 921 9999 ext 7125   Email: <a href="mailto:simeon.cairns@aut.ac.nz">simeon.cairns@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Muscle physiology techniques, quantitative exercise science methodology</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Mechanisms of fatigue in skeletal muscle</li> <li>• Electrolytes, action potentials and muscle / exercise performance</li> <li>• The central nervous system and muscle / exercise performance</li> <li>• Airways smooth muscle and asthma</li> <li>• Racquet sport performance</li> <li>• Caffeine, health and exercise performance</li> <li>• Fatigue in clinical settings / neuromuscular disorders</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/simeon.cairns">https://academics.aut.ac.nz/simeon.cairns</a> </p>

<b>Professor John Cronin</b>	Professor - Strength and Conditioning Head of International Partnerships Ph (09) 921 9999 ext 7523   Email: <a href="mailto:john.cronin@aut.ac.nz">john.cronin@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental, quantitative sport and exercise science</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Kinematics and kinetics of resistance training</li> <li>• Development of strength, power, speed, balance and agility</li> <li>• Wearable resistance</li> <li>• Sport technology</li> </ul> <p><b>John is not taking on any students at present</b>  <i>Masters and Doctoral supervision</i>  <a href="https://academics.aut.ac.nz/john.cronin">https://academics.aut.ac.nz/john.cronin</a> </p>
<b>Dr Matt Cross</b>	Research Fellow Ph (09) 921 9001 ext 28687   Email: <a href="mailto:matthew.cross@aut.ac.nz">matthew.cross@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Strength and power profiling</li> <li>• Sports technology</li> <li>• Alpine skiing performance</li> <li>• Sprinting and resisted sprint training</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/matthew.cross">https://academics.aut.ac.nz/matthew.cross</a> </p>
<b>Dr Eric Helms</b>	Research Fellow - Strength and Conditioning AUT Sports Performance Research Institute New Zealand (SPRINZ) Ph (09) 921 9999 ext 5195   Email: <a href="mailto:ehelms@aut.ac.nz">ehelms@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental (quantitative)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Physique sport – nutrition, resistance training, athlete and coaching psychology</li> <li>• Strength sport – nutrition, resistance training, athlete and coaching psychology</li> </ul> <p>Enhancing performance in competitive strength and physique athletes over the career-span through sustainable approaches that respect athlete autonomy, holistic development and mental and physical health.</p> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/eric.helms">https://academics.aut.ac.nz/eric.helms</a> </p>



<b>Professor Patria Hume</b>	<p>Professor – Human Performance Ph (09) 921 9999 ext 7306   Email: <a href="mailto:patria.hume@aut.ac.nz">patria.hume@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental (quantitative)</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Sports injury biomechanics</li> <li>• Sports performance biomechanics</li> <li>• Sports injury prevention</li> <li>• Sports injury epidemiology</li> <li>• Sport kinanthropometry</li> <li>• Sports technology</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/patria.hume">https://academics.aut.ac.nz/patria.hume</a></p>
<b>Professor Andrew Kilding</b>	<p>Professor - Sport and Exercise Science   Co-Director, Sports Performance Research Institute New Zealand Ph (09) 921 9999 ext 7056   Email: <a href="mailto:andrew.kilding@aut.ac.nz">andrew.kilding@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental, quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Training and ergogenic methods to enhance endurance performance</li> <li>• Running and movement economy</li> <li>• Quantifying demands of team sports and improving aerobic fitness in team sport athletes</li> <li>• Exercise prescription to enhance cardio-vascular health</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/andrew.kilding">https://academics.aut.ac.nz/andrew.kilding</a></p>
<b>Jaron Kung</b>	<p>Doctoral Student – AUT Senior Lecturer – Manukau Institute of Technology, School of Sport Ph (09) 976 0275   Email: <a href="mailto:jaron.kung@aut.ac.nz">jaron.kung@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental, quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Strength and Conditioning</li> <li>• Development of strength, speed, power and agility</li> <li>• Long Term Athlete Development</li> </ul> <p><b>Currently unavailable to take on supervisions</b> <i>Can supervise Honours and Masters</i></p>

<b>Dr Ed Maunder</b>	Head of Postgraduate Studies – School of Sport and Recreation Senior Lecturer – Exercise Physiology Ph (09) 921 9999 ext 6227   Email: <a href="mailto:ed.maunder@aut.ac.nz">ed.maunder@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental, quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Muscle metabolism</li> <li>• Mitochondrial adaptations to exercise training</li> <li>• Physiological durability in endurance sport</li> </ul> <p><i>Can supervise Honours, Masters and Doctoral</i>  <a href="https://academics.aut.ac.nz/ed.maunder">https://academics.aut.ac.nz/ed.maunder</a> </p>
<b>Professor Mike McGuigan</b>	Professor - Strength and Conditioning Ph (09) 921 9999 ext 7580   Email: <a href="mailto:michael.mcguigan@aut.ac.nz">michael.mcguigan@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental, quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Resistance training</li> <li>• Strength and power development</li> <li>• Assessment and monitoring of training</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/michael.mcguigan">https://academics.aut.ac.nz/michael.mcguigan</a> </p>
<b>Dr Daniel Plews</b>	Senior Research Fellow Email: <a href="mailto:daniel.plews@aut.ac.nz">daniel.plews@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental research</li> <li>• Case Study analysis</li> <li>• Evidence base practice</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Heart rate variability for training prescription and adaptation</li> <li>• Substrate use and metabolic requirements for endurance exercise</li> <li>• Methods to monitor training in athletes</li> <li>• Low carb high fat diets for ultra-endurance exercise</li> <li>• Athlete health</li> </ul> <p><i>Masters and Doctoral supervision availability</i>  <a href="https://academics.aut.ac.nz/daniel.plews">https://academics.aut.ac.nz/daniel.plews</a> </p>

<p><b>Dr Kelly Sheerin</b></p>	<p>Senior Lecturer Head of Department – Sport &amp; Exercise Science Ph (09) 921 9999 ext 7364   Email: <a href="mailto:Kelly.sheerin@aut.ac.nz">Kelly.sheerin@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative experimental</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Sports injury biomechanics</li> <li>Sports injury prevention</li> <li>Sports kinanthropometry</li> <li>Sports technology</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/kelly.sheerin">https://academics.aut.ac.nz/kelly.sheerin</a></p>
<p><b>Dr Alyssa-Joy Spence</b></p>	<p>Lecturer Ph (09) 921 9999   Email: <a href="mailto:alyssa-joy.spence@aut.ac.nz">alyssa-joy.spence@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Experimental</li> <li>Quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Strength sport</li> <li>Resistance training</li> <li>Stretching</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/alyssa.joy.spence">https://academics.aut.ac.nz/alyssa.joy.spence</a></p>
<p><b>Dr Adam Storey</b></p>	<p>Senior Research Fellow Lead Strength and Conditioning Specialist for Emirates Team NZ and Canoe Racing NZ. Email: <a href="mailto:adam.storey@aut.ac.nz">adam.storey@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>Quantitative exercise science</li> <li>Strength and conditioning</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>Acute and chronic adaptations to high-power, high-intensity resistance exercise</li> <li>Strength and power development</li> <li>Resistance exercise periodisation</li> <li>Applied Olympic weightlifting research</li> <li>Heat acclimation and applied heat stress</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/adam.storey">https://academics.aut.ac.nz/adam.storey</a></p>

# Faculty-wide Supervisors

<p><b>Associate Professor Love Chile</b></p>	<p>Associate Professor - Public Policy Ph (09) 921 9999 ext 8312   Email: <a href="mailto:love.chile@aut.ac.nz">love.chile@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative, particularly autoethnography, appreciative inquiry, and narratives</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Community development as community investment</li> <li>• Cross-cultural exchange and public policy</li> <li>• Refugee and migrant development</li> <li>• Building sustainable healthy communities</li> </ul> <p><i>Masters and Doctoral supervision availability</i></p>
<p><b>Professor Peggy Fairbairn-Dunlop</b></p>	<p>Professor - Pacific Studies Ph (09) 921 9999 ext 6203   Email: <a href="mailto:peggy.fairbairn-dunlop@aut.ac.nz">peggy.fairbairn-dunlop@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Qualitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Sustainable development, pacific small island states</li> <li>• Gender, youth and development issues</li> <li>• Family security (domestic violence, and child abuse and neglect issues)</li> <li>• Education</li> </ul> <p><i>Masters and Doctoral supervision</i></p>
<p><b>Associate Professor Nick Garrett</b></p>	<p>Associate Professor   Biostatistician - Department of Biostatistics and Epidemiology Ph (09) 921 9999 ext 7773   Email: <a href="mailto:ngarrett@aut.ac.nz">ngarrett@aut.ac.nz</a></p>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Biostatistics</li> <li>• GIS</li> <li>• Environmental epidemiology</li> <li>• Social epidemiology</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Physical activity and the urban environment</li> <li>• Māori health</li> <li>• Environmental health effects</li> <li>• Social and cultural determinants of health</li> <li>• Health inequalities</li> <li>• Spatial modelling</li> <li>• Problem gambling</li> <li>• Tobacco control</li> </ul> <p><i>Masters and Doctoral supervision availability</i> <a href="https://academics.aut.ac.nz/nick.garrett">https://academics.aut.ac.nz/nick.garrett</a></p>

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	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Observational and experimental research designs</li> <li>• Quantitative data and statistics</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Theories used in social psychology</li> <li>• Social identify approach</li> <li>• Intergroup relations and intergroup emotions.</li> </ul> <p><i>Can co-supervise/supervise Masters and Doctoral</i>  <a href="https://academics.aut.ac.nz/anja.vorster">https://academics.aut.ac.nz/anja.vorster</a> </p>
<b>Dr Irene Suilan Zeng</b>	Senior Research Fellow – Department of Biostatistics and Epidemiology Ph (022) 0478272   Email: <a href="mailto:irene.zeng@aut.ac.nz">irene.zeng@aut.ac.nz</a>
	<p><b>Methodology</b></p> <ul style="list-style-type: none"> <li>• Experimental, quantitative</li> </ul> <p><b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Biostatistics (Clinical research)</li> <li>• Public health and health service</li> <li>• Medical and Health Sciences</li> <li>• Statistical methods in Omics</li> </ul> <p><i>Can co-supervise/supervise Masters and Doctoral</i>  <a href="#">Irene Zeng Profile   Auckland University of Technology (aut.ac.nz)</a> </p>