

Ngā Pae o te Māramatanga Summer Internship Projects 2023/24

Published for student applications to NPM Summer Internship Projects only.

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23-24 INTS 01– Te Putunga o Te Hinu Te Putunga o te kōrero Te Rikowerawera o te taiao: Songs establish food sovereignty in Climate Change

Project Supervisor(s): Associate Professor Te Kahautu Maxwell

Institution: The University of Waikato

Email: tmaxwell@waikato.ac.nz

Project location: Ōpōtiki

Project Summary: This internship is a precursor to a project funded by HRC on climate change Tohe Ora Wānanga Whenua led by Associate Professor Te Kahautu Maxwell. The intern will take a snapshot of all mōteatea audio, recording. Archives and libraries with a focus on kai that will contribute to Te Whakatōhea kaupapa on Kai Sovereignty through Tohe Ora Wānanga Whenua. Through the project, the intern will collate narratives with regard to kai that will inform the Whakatōhea kai sovereignty programme that will teach descendants to return to the whenua and plant maara kai which will enhance the health and wellbeing of the iwi.

Project Team: The intern will work with Associate Professor Te Kahautu Maxwell, and scientists from Lincoln University and members of the Whakatōhea Trust Board and the Kai Sovereignty program.

Ideal Applicants: will have interest in mātauranga Māori and a love for mōteatea and an exponent of performing mōteatea and a want to develop their academic skills and experience.

Programme of work to be carried out: The intern will complete a report about the internship, and their experience. The internship report will compile mōteatea, preferably Whakatōhea, along with a list of the kai that are sung in the mōteatea and the meaning of the ritual and the kai narrative.

Day to day nature of the work:

- Conduct library and archival searches.
- Complete Literature Review:
- Attend Hui with Supervisor
- Decoding the references to kai in ngā mōteatea Ngā Mōteatea ngā waiata a Te Kahautu Maxwell and whakataukī pertaining to kai.
- Commence and complete Report writing.
- Present Report

Research skills the student will learn:

- Researching
- Decoding references
- Report Writing
- Presenting Findings
- Working with people and as part of a research team
- Interpretation of mātauranga Māori as written in books or sit with elders to speed up the process
- Understanding Kai Sovereignty.

23-24INTS02 – Exploring culturally responsive vaccine delivery for Māori: A kaupapa Māori framed review of literature

Project Supervisor(s): Dr Anneka Anderson

Institution: Te Kupenga Hauora Māori, Faculty of Medical and Health Sciences, University of Auckland xx

Email: a.anderson@auckland.ac.nz

Project location: Grafton, Tāmaki Makaurau/Auckland, in Te Kupenga Hauora Māori (Department of Māori Health), Faculty of Medical and Health Sciences, University of Auckland.

Project Summary: Rapua te mea ngaro kau tau- is an Auckland-based, multidisciplinary research project that aims to facilitate the development of a streptococcus A vaccine in Aotearoa to prevent the inequitable impacts of rheumatic fever and rheumatic heart disease for whānau Māori and Pacific people. Whānau Māori are inequitably affected by acute rheumatic fever (ARF) with tamariki Māori 30 times more likely to get ARF than New Zealand European children. Over 60% of people with ARF will have some degree of long-term cardiac damage or chronic rheumatic heart disease (RHD) that may require further surgical and ongoing medical interventions. The internship will contribute to a broader research project that is committed to minimising, and ultimately preventing whānau Māori deaths from RHD through facilitating the development of a vaccine that prevents Strep A infections, and therefore ARF and RHD. The internship will focus on designing and completing a kaupapa Māori informed literature review to identify culturally responsive vaccine delivery models for whānau Māori.

Project Team: The internship will be supervised by Dr Anneka Anderson (Kāi Tahu, Kāti Māmoe), a qualitative, kaupapa Māori health researcher, and supported by a team of multidisciplinary health researchers (Hauora Māori/kaupapa Māori, immunology, paediatrics, and public health) who are working together to facilitate a streptococcus A vaccine development in Aotearoa.

Ideal applicants: will be studying in Māori, social science or health related courses or degrees, and are confident with written communication and working in multidisciplinary environments.

Programme of work to be carried out:

- Participate in workshops on Kaupapa Māori Theory, Kaupapa Māori research, Data sovereignty and responsiveness, literature reviews.
- Meet with the wider Rapua te mea ngaro ka tau team and observe different disciplinary aspects of the project: laboratory work, hospital and community surveillance, kaupapa Māori research
- Design and complete a kaupapa Māori informed literature review on culturally responsive vaccine delivery for whānau Māori
- Present internship experience and key findings at a Te Kupenga Hauora Māori studentship presentation seminar
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Day to day nature of the work:

- Participation in workshops relevant to the project, and project activities.
- Meet with the wider project team to observe aspects of the project including laboratory work, hospital, and community surveillance, and kaupapa Māori research.
- Design and complete a kaupapa Māori informed literature review on culturally responsive vaccine delivery for whānau Māori.
- Prepare and deliver presentation on internship experience and key findings at a Te Kupenga Hauora Māori studentship presentation seminar.

Research skills the student will learn:

- exposure to multidisciplinary research environments;
- deepen understanding of kaupapa Māori theory and research;
- develop competencies related to literature reviews (developing key word searches, identifying data bases, data organisation and analysis, writing and on presenting research design and outcomes;
- develop written and verbal communication in research contexts.

23-24 INTS 03– How do whānau define and experience quality engagement from health services? A Kaupapa Māori-informed literature review

Project Supervisor(s): Dr Anneka Anderson & Dr Ainsleigh Cribb-Su'a

Institution: University of Auckland

Email: a.anderson@auckland.ac.nz

Project location: National Hauora Coalition, Auckland CBD (primary location) Te Kupenga Hauora Māori, Faculty of Medical and Health Sciences, University of Auckland (secondary location)

Project Summary: The National Hauora Coalition (NHC) is a by-Māori, for-Māori primary healthcare provider that is committed to achieving mana whānau, whānau ora (prosperous whānau, living well). The NHC is currently pursuing a program of research that seeks to address the following research question: How can healthcare providers understand how Māori are experiencing their services, and support whānau as they want to be supported with their health journeys? The internship will contribute this by 'listening' to what whānau have said they want and value in healthcare and engagement with health providers within a literature review of existing Kaupapa Māori-aligned research. The literature review will explore how whānau define and experience quality engagement in healthcare and will contribute to the broader programme of research.

Project Team: The internship will be supervised by Dr Anneka Anderson (Kāi Tahu, Kāti Māmoe), a qualitative, kaupapa Māori health researcher based at the University of Auckland and NHC and supported by Dr Ainsleigh Cribb-Su'a (Ngāti Maniapoto, Ngāti Tamaterā, Ngāti Kauwhata), a psychologist and hauora Māori researcher who is Director of research at NHC. The project sits with a multidisciplinary research team (Hauora Māori/Kaupapa Māori, psychology, anthropology, nursing, sport science, public health) across a university Māori health department and a kaupapa Māori healthcare provider.

Ideal applicants: will be studying in Māori, social science or health related courses or degrees, and are confident with qualitative study, written communication and working in multidisciplinary environments

Programme of work to be carried out: The intern will expand and review literature on whānau voice and whānau experiences of health services and create a resource for NHC. Other activities will include attending studentship research workshops facilitated by Te Kupenga Hauora Māori and presenting findings to NHC kaimahi.

Day to day nature of the work:

- Participate in workshops on Kaupapa Māori Theory, Kaupapa Māori research, Data sovereignty and responsiveness, literature reviews.
- Meet with the wider NHC organisation and observe the relationships between research, strategy, service delivery and other units, to get a picture of how research informs practice, and whānau inform practice in a flexible, responsive, Māori-lead health setting.
- Design and complete a kaupapa Māori informed literature review on how whānau Māori define and experience quality engagement in healthcare settings.
- Contribute to workshopping a research design identifying and testing tools/methods for improved whānau engagement.
- Present their internship experience and key findings at a Te Kupenga Hauora Māori studentship presentation seminar, and to NHC kaimahi.

Research skills the student will learn:

- Experience working in multidisciplinary research environments;
- Experience with research in Kaupapa Māori primary healthcare settings;
- Deeper understanding of kaupapa Māori theory and research;
- Develop competencies related to literature reviews (developing key word searches, identifying data bases), data organisation and analysis, writing and on presenting research design and outcomes, develop written and verbal community in research contexts.

23-24INTS04 – E hoa, e hoariri rānei? How will Corbicula Fluminea affect Te Mauri o Waiwaiā?

Project Supervisor(s): Tama Blackburn

Institution: The University of Canterbury

Email: tama.blackburn@tnn.co.nz

Project location: Te Kūiti, the Waitomo district, or Hamilton.

Project Summary: He uri o Maniapoto have developed a cultural assessment framework and have been using it to monitor their taonga species in the waterways, mainly the Waipā river. The cultural assessment framework gives Maniapoto usable data to understand what is present and how to enhance the mauri of the waterways, which includes translocations of tuna. Te Nehenehenui Trust (Maniapoto PSGE) will continue to manage the project for three more years, with a strong focus to increase the capacity and capabilities of the monitors to better protect and respond to threats to tāonga species and māhinga kai. In May 2023, a foreign invasive species (Corbicula Fluminea (CF)/Freshwater Gold Clam) was detected in the Waikato awa and there is concern that it could be present in the Waipā. The intern will participate in wānanga and monitoring and will produce a report outlining whether CF is a friend or foe of the Waipā, and how it will impact the mauri of Waiwaiā. Methods of research include ecological monitoring, data collection and management (qualitative and quantitative), and literature searches.

Project Team: The supervision team will be led by Tama Blackburn and supported by advisors and experts from iwi, councils, and Mana Whenua. The intern will join the Kaimahi of Te Nehenehenui on day-to-day work experience in the tari and around the rohe of Maniapoto. They will also have the opportunity to join Waikato Regional Council officers and field technicians on their work tasks to gain experience and build networks.

Ideal applicants: The intern will need to be located in or near Te Kūiti/Ōtorohanga to reduce the risks of travel however, Hamilton will be acceptable if the intern has their own method of reliable transport. The intern would be best suited to this kaupapa if they are currently or have previously studied ecology and/or Māori and Indigenous culture.

Programme of work to be carried out: The intern can expect to learn and gain a better understanding of te ao māori, biosecurity response measures, ecology and the latest tools and technology being used, data management and report writing. The intern will have the opportunity to experience life in Te Rohe Pōtae alongside Mana Whenua, conducting cultural practices and building on mātauranga māori. The intern will also be provided opportunities to work alongside scientific experts within the Waikato regional council.

Day to day nature of the work:

- Meetings with project team and community partners
- Research review and strategy planning
- Conduct wānanga and korero, collate information sources.
- Development of final report
- Complete wānanga and korero.
- Present report to Mana Whenua

Research skills the student will learn:

- Report writing
- Data analysis
- Qualitative data collection methods
- Mātauranga māramatanga

23-24 INTS 05– Māori community action and responses to severe weather events

Project Supervisor(s): Dr Elle (Eleanor) Brittain

Institution: Massey University

Email: e.brittain@massey.ac.nz

Project location: Wellington; online

Project Summary: Māori community responses have provided an invaluable resource in crisis and emergency situations. For example, during the Covid-19 epidemic respective Māori community responses were rapid and innovative, often drawing on tikanga Māori and essential principles such as tino rangatiratanga (Te One & Clifford, 2021). The current project proposes to explore a localised Māori community's response to recent severe weather events in Hawkes Bay, to understand how tikanga and Māori cultural values were applied and to explore strengths and resources within Māori communities, embedded in cultural values and practices, and the ways these have positively influenced Māori wellbeing. The overall objective of the internship will be to canvass a localised Māori community's response to severe weather events and to highlight the implications for psychology.

Project Team: The internship will be supervised by Dr Elle Brittain, from Ngāti Kahungunu ki Te Wairoa and Ngāti Rākaipaaka. She is a clinical psychologist and lecturer at Te Kunenga ki Pūrehuroa, Massey University, in Wellington and she is a colleague of the Centre for Indigenous Psychologies. She specialises in qualitative research, in particular in implementing methodologies grounded in Kaupapa Māori research theory, and her research background includes exploring wairua as related to psychological wellbeing and racism experienced by Māori.

Ideal applicants: The intern will be located in Wellington and online. Ideally, they will have a background in psychology as well as a sound appreciation for the importance of te ao Māori and cultural values to psychology.

Programme of work to be carried out: Research activities may include reviewing literature, attendance at hui, transcribing of audio interviews, and drafting report(s) and other formats of presenting research (e.g., poster, storymap).

Day to day nature of the work:

- Weekly hui with supervisor
- Searching, reading, reviewing relevant literature
- Hui with communities (in-person or online) with supervisor
- Transcribing audio interviews (or otherwise collating qualitative research information)
- Writing summaries of literature, for review by supervisor, and preparing other formats to present research
- Collaborative interpretation of research information with supervisor
- Finalising drafts of written material and other formats
- Hui with communities (in-person or online) with supervisor to report back on project

Research skills the student will learn:

- General research skills, such as evaluating literature, interpreting research information, and writing
- Experience with Kaupapa Māori research
- Engaging with communities
- Presenting research in accessible formats.

23-24 INTS 06– Tihei Mauriora, Tihei Mana Motuhake: Investigating how trauma impacts rangatahi Māori who offend and their whānau engaged with the youth justice system.

Project Supervisor(s): Dr Tania Cliffe-Tautari

Institution: The University of Auckland

Email: tania.cliffe@auckland.ac.nz

Project location: Multiple locations are allowed. The intern will need computer/laptop, have access to Zoom (camera) and have stable WIFI to complete the project work and stable WIFI to engage in shared meetings.

Project Summary: "The purpose of this internship is to work alongside of Dr Tania Cliffe-Tautari (Te Arawa, Ngāi Tahu) to analyse data which investigates: How does trauma impact Māori youth who offend, and their whānau, and how can their lived experiences and Māori approaches to Trauma Informed Care shape law and policy related to youth justice to foster whānau flourishing? This internship supports a stand-alone study which is part of the Ngā Pae o te Māramatanga Matakiteinga Award. The project is based on Dr Tania Cliffe-Tautari's recent PhD research findings titled: *Kua takoto te mānuka: cultural identity as a resilience factor to reduce Māori youth offending*. The perceptions of rangatahi (youth) and whānau from this transdisciplinary project found that rangatahi and whānau experienced trauma which impacted rangatahi (youth) offending. The impacts included trauma resulting from state intervention in their lives.

Project Team: The internship will be supervised by Dr Tania Cliffe-Tautari, alongside the co-supervisor Dr Luke Fitzmaurice.

Ideal applicants: pre-doctoral Māori students with an interest and experience in Māori youth offending, state intervention, justice, indigenous notions of trauma and trauma-informed care from a kaupapa Māori lens. It is anticipated that the intern will have strong writing skills and knowledge of APA 7 referencing and some basic understanding of te reo Māori & te ao Māori concepts. All other skills including the use of databases and data analysis can be developed/honed further during the internship. Dr Tania Cliffe-Tautari is based in Whangarei and the intern can be based in Whangarei or another location in New Zealand. Whilst multiple locations are acceptable, the intern must have their own computer/laptop, have access to Zoom (camera) and have stable WIFI to complete the project work.

Programme of work to be carried out: Working alongside Dr Tania Cliffe-Tautari the programme of work will involve developing skills in qualitative data analysis using kaupapa Māori, referencing and preparing presentation material for dissemination of data to key stakeholders.

Day to day nature of the work: with the input of the supervisor the intern will:

- Summarise individual participant contributions through listening to the audio recordings.
- Carrying out data accuracy (cleaning the file)
- Carry out qualitative data analysis using thematic analysis and kaupapa Māori.
- Summarise overarching key themes emerging from the data and create a presentation for key stakeholders.
- Analyse project data in comparison to existing literature
- Compile APA 7 references list

Research skills the student will learn:

- Note-taking
- Cleaning the file (data accuracy -listening to audios against transcripts)
- Using academic databases to search for literature
- Using RefWorks to organise literature
- Writing a reference list using APA 7
- Using IT tools to prepare a presentation e.g., Canva, Google slides
- Qualitative data analysis using thematic analysis and kaupapa Māori
- Academic writing

23-24 INTS 08– Linking the push for a ‘by Māori, for Māori’ child protection system to the wider decolonisation movement.

Project Supervisor(s): Dr Luke Fitzmaurice-Brown

Institution: Victoria University of Wellington

Email: luke.fitzmaurice@vuw.ac.nz

Project location: Ideally the student would be located in Te Whanganui-a-Tara, though remote/online supervision would be considered for those in other locations.

Project Summary: This internship will focus decolonisation as it relates to the Aotearoa child protection system. The term ‘decolonisation’ has meant different things to different people at different times, and part of the project will be to understand how Māori researchers and advocates are typically using that term, including whether that aligns with how the term is typically used in other places and contexts. Simultaneously, in recent years Māori child protection advocates have pushed for a shift towards a ‘by Māori, for Māori’ child protection system, in recognition that the state child protection has failed to serve tamariki and whānau Māori, and that significant changes are needed. This internship project will pull these two strands together, looking at the wider decolonisation movement in Aotearoa alongside efforts to push for a ‘by Māori, for Māori’ child protection system. Is ‘decolonisation’ a useful way to think about those efforts, and a useful framework for reform and advocacy? And how do efforts to effect child protection reform sit alongside wider decolonisation efforts, and shifts towards recognition of Te Tiriti o Waitangi?

Project Team: The internship will be supervised by Dr Luke Fitzmaurice.

Ideal applicants: The research would suit a law or Māori studies student, though students with expertise or interest in related subjects such as Te Tiriti o Waitangi, child protection, social work or public policy may also be suitable. The project supervisor is a lecturer in the law faculty at Victoria University of Wellington, but the project is intended to have a multidisciplinary focus, so applications are also encouraged from outside of law.

Programme of work to be carried out: The project will primarily involve a literature review on decolonisation, child protection and the shift to a by Māori, for Māori system. That literature review will then form part of a journal article introducing the first phase of the broader project, which the intern will co-author with the supervisor.

Day to day nature of the work:

- Research on decolonisation, both in Aotearoa and overseas, including research on the ways in which the term has been used in different contexts and different times.
- Summarise and analyse research, identifying themes and gaps, and placing those insights in the context of the Aotearoa child protection system.
- Complete literature review and drafting journal article with internship supervisor.

Research skills the student will learn:

- Completing a literature review
- Introduction to kaupapa Māori research
- Introduction to sociolegal research
- Writing skills, including writing a journal article

23-24 INTS 09– PARS wars: a systematic review of 'Play, Active Recreation and Sport' (PARS) in promoting mental health among Māori youth.

Project Supervisor(s): Dr Jeremy Hapeta

Institution: The University of Otago

Email: jeremy.hapeta@otago.ac.nz

Project location: Dunedin, online.

Project Summary: There is a growing body of scholarship suggesting that regular physical activity and participation in sports can have significant benefits for mental health. However, very little research has focused specifically on how sport might benefit rangatahi (youth) Māori (McCreanor, et al., 2010), who are known to experience higher rates of mental health issues than the general population. Indeed, evidence suggests that cultural identity (a psychological construct) connection to one's ancestral landscapes and language positively influence wellbeing, particularly mental wellbeing (Hapeta & Palmer, 2009; Hapeta, Stewart-Withers & Palmer, 2019; Hapeta, Palmer, Stewart-Withers & Morgan, 2023; Heke, 2005; Hokowhitu, 2004; Palmer, Erueti, Reweti, Severinsen & Hapeta, 2021). This internship will aim to explore how play, active recreation, and sport (PARS) can be used as a tool to promote resilience, social connection, mental and emotional well-being amongst rangatahi Māori.

Project Team: Dr Jeremy Hapeta will be the primary supervising researcher, alongside a team of Māori researchers from the Centre of Indigenous Science at the University of Otago.

Programme of work to be carried out: the internship will focus on a systematic review of literature related to the project topic.

Day to day nature of the work:

- Planning the structure of the internship
- Introduce/Reintroduce research methodologies to be applied in the writing phase of the internship.
- Kōrero with supervisor around expectations and what the internship will contain.
- Writing bulk of chapter contents.
- Incorporating research methodologies and mātauranga Māori into chapters and systematic review of literature.
- Draft and refine writing.
- Complete full draft of the research report

Research skills the student will learn:

- Data collection via systematic review of literature
- Data analysis of relevant literature
- Problem solving
- Critical thinking
- Communication and Collaboration

23-24 INTS 12– Mana Whakahaere Totika mo nga Aitua Taiao – Effective Co Governance of Natural Disasters

Project Supervisor(s): Associate Professor Dr Robert Joseph

Institution: The University of Waikato

Email: rjoseph@waikato.ac.nz

Project location: The project will be based at the University of Waikato, but it is anticipated that the intern will be living or returning home to one or two of the key regions of interest (Northland, West Auckland, Napier, Hastings, Gisborne, or the East Coast) and will work with the project team online (i.e zoom)

Project Summary: Building resilience: How vulnerable Māori communities can prepare for, respond to, and establish a recovery action plan against climate change and natural disasters as evidenced by Cyclone Gabrielle in February 2023. Isolated communities such as the East Coast, Poverty Bay, northern Hawkes Bay, and Northland, were heavily impacted by the cyclone's destruction. Although climate change is not new, most people rely on the state for protection, response, and recovery when challenged by a crisis. The issue is that when Cyclone Gabrielle hit, the government and local governments were slow to respond. Consequently, Māori engaged in the traditional pragmatic approach to the crisis. With limited resources in some areas, they realised that 'no one was coming to help them.' These issues tie in with socio-economic inequities reflected in the disjunct of undermined principles of the Treaty of Waitangi and UNDRIP.

Project Team: The intern will be supervised by Dr Robert Joseph, Associate Professor of Law and Katrina Werahiko, Senior Tutor, Teaching Fellow, Te Piringa faculty of Law, University of Waikato

Ideal applicants: will be studying Law, social science, mātauranga and tikanga Māori and have understanding or interest in issues relating to co-governance and policy. Preferred students will be from one of the areas such as the East Coast, Poverty Bay, northern Hawkes Bay, or Northland. Having pre-existing knowledge of the area and the ability to interview community members will be hugely beneficial for the project.

Programme of work to be carried out: 1. Conduct a survey questionnaire and/or interviews that cover individual experiences concerning the responses by the government and local governments – what happened, how did the government and local council respond, how were the supplies/services distributed, who distributed them, and how did the lack of EFTPOS access, power, or water affect the community etc. 2. Construct a database to capture key themes for analysis. Themes may include community understanding of what resilience means or socio-economic inequities felt at the time of the crisis. Media coverage on the crisis or lack of media coverage or finding existing co-governance relationships that might provide a suitable framework for analysis.

Day to day nature of the work:

- Review background information and ethics application. Establish key questions, research goals and objectives and develop a template for the final report.
- Attend weekly debrief (Zoom) with project team.
- Conduct surveys/interviews and familiarise with survey technique and thematic analysis.
- Thematic analysis of survey/interview data
- Compile draft report and circulate for feedback.
- Finalise the report and submit to NPM.

Research skills the student will learn:

- Research methodologies, including survey and interview skills.
- Understanding of scholarly literature
- Community engagement skills
- Thematic analysis and report writing.
- Presentation skills

23-24 INTS 13 – Raw material identification of toki in the Auckland War Memorial Museum archaeology collection

Project Supervisor(s): Vasiti Palavi & Dr Joshua Emmitt

Institution: Auckland War Memorial Museum Tamaki Paenga Hira

Email: jemmitt@aucklandmuseum.com

Project location: Auckland War Memorial Museum Tamaki Paenga Hira

Project Summary: Understanding how Māori made use of new resources and utilised stone resources over time is key to understanding how Māori adapted to the environment of Aotearoa and developed sustainable systems of resource management. Archaeological models suggest early use of stone resources and their transport across Aotearoa, declining over time to a focus on more local stone sources and/or the reuse of existing toki/adzes. The model has been tested largely on obsidian but not on non-obsidian stone, of which comparatively little is known about in Aotearoa in general. The Auckland War Memorial Museum Tamaki Paenga Hira Archaeology collection currently houses over 20,000 toki/adzes from Aotearoa. Raw material has been assigned to only a fraction of these, but cursory examinations suggest the majority are of fine-grained volcanic materials (i.e., basalts). The aim of this internship is to establish raw material types and quantities in the collection. This will unlock the potential of the collection for use in further research testing extant archaeological models. Once established, such data can ideally compliment iwi histories and purakau regarding landscape movement and help determine the extent of past trade networks. As the collection houses approximately 30,000 toki, a sub-sample of approximately 2,000 adzes will be examined initially, and more may be examined depending on time. The intern will develop a familiarity with Aotearoa stone materials and the ability to determine these macroscopically. In addition, the intern will learn how to work with and handle museum collections and how to manage metadata related to them.

Project Team: The intern will work with the archaeology team at Auckland Museum and will be co-supervised by Vasiti Palavi (Acting Director Collections and Research) and Dr Dr Joshua Emmitt (Curator Archaeology).

Ideal applicants: The intern will need to be located at Tamaki Paenga Hira for the duration of the work. The intern should have a basic understanding of stone materials used for toki manufacture, and a keen eye for detail.

Programme of work to be carried out:

- Examination of adzes in the archaeology collection
- Compare adzes to known raw material types to provide a broad estimate of their composition.
- Entry of determined material into a spreadsheet for upload to the main database.

Day to day nature of the work:

- Determine what storage locations will be examined that day
- Work with the supervisor to learn some basic raw material types and methodologies
- Learn how to use reference materials to determine raw material source
- Examine adzes and enter data onto a spreadsheet
- Learn how to check and clean data for upload
- Work independently to examine adzes and assign material types, and enter and clean data
- Work with supervisor to work through any issues
- Be confident broadly assigning material types to adzes
- Re-do some of the storage locations undertaken at the beginning of the internship as an error-checking exercise

Research skills the student will learn:

- How to manage archaeological collections and metadata, including identifying objects in storage locations and associating them with existing data
- How to handle archaeological material in a museum context
- How to identify Aotearoa New Zealand stone sources
- How to identify adze types and forms
- Data entry and management

23-24 INTS 14– Reo Māori Corpora Format for generative Māori AI

Project Supervisor(s): Associate Professor Te Taka Keegan

Institution: The University of Waikato

Email: tetaka@waikato.ac.nz

Project location: The intern will need to be able to regularly meet with teams at Waikato University, but there is a likelihood that some work may be able to be undertaken remotely.

Project Summary: This research will investigate suitable Māori language data formats and quantities that can be best utilised by modern AI systems to build generative AI tools for te reo Māori that support Māori Data Sovereignty. The research will inform investigating, cataloguing, and transforming a number of Māori language corpora that we have available to us. Some research will be undertaken to see which formats are the most suitable for our local generative AI tools. At all times the concept of kaitiakitanga over the data will be maintained. The project will assist Ngati Maniapoto to build a corport of reo data that can be used in the creation of a Maniapoto reo AI. Maniapoto would be consulted before work begins and will retain full sovereignty over all data.

Project Team: The internship will be supervised by Associate Professor Te Taka Keegan, with support from the Digital Library and Machine Learning teams, based at the Computer Science Department at the University of Waikato.

Ideal Applicants: An understanding of level 1/level 2 computer science topics is a minimum, and completed study in Machine Learning would be a major advantage. An understanding of te reo Māori would also be an advantage but is not a requirement.

Programme of work to be carried out:

- Understand how modern LLMS are used to build generative AI tools, how ChatGPT can speak te reo Māori, how language data fits into these processes.
- Analyse and complete the catalogue of language data that we have available to be used in these environments.
- Determine the best format and quantity of data needed.
- Assist with data transformation into a suitable format.
- Testing the data in our independent, secure and sovereign systems.

Day to day nature of the work:

- Researching the concept and theory behind what we are doing. Analysing and cataloguing the Māori language data that is available.
- Running various processes that transform the data into a suitable format, e.g., Optical Character Recognition processes, Speech to Text processes. It is expected that most of the research time will be undertaken here, 2/3s of the time.
- Building corpora and then uploading them into our bespoke generative AI systems.

Research skills the student will learn: The intern will gain an understanding of how generative AI tools are built, alongside the disciplines related to kaitiakitanga of Māori data and Māori data sovereignty. They will learn techniques in the transformation of data mediums and forums.

23-24 INTS 15– Providing the voice for kanakana –assisting with storytelling and being part of the restoration journey for this taonga species.

Project Supervisor(s): Dr Jane Kitson

Institution: Biological Heritage National Science Challenge hosted by Manaaki Whenua

Email: jane@kitsonconsulting.co.nz

Project location: Gore, Invercargill (Murihiku)

Project Summary: Kanakana/piharau/pouched lamprey are a taonga mahinga kai to mana whenua in Murihiku and elsewhere in Aotearoa/NZ. Kanakana are threatened and within the NZ Threat Classification of-Nationally Vulnerable (the same category of risk as South Island Takahē). For Hokonui Runanga (based in Gore), connection with this mahinga kai has been continuous over numerous generations. Te Au-Nui-Pihapiha-Kanakana (Mataura Falls) is a very important site for cultural harvest. The falls have been heavily modified, with industry and hydro-generation schemes on both sides of the awa, and the catchment has been modified with intensive agriculture, urbanisation (Mataura and Gore) and flood control schemes. Hokonui have witnessed large declines of this taonga species and are actively monitoring and seeking restoration solutions. The research is part of a Biological Heritage NSC project - Freshwater for our Taonga. The research focus is the voice of taonga species, using an indicator species (kanakana/piharau) for reversing the decline of mahinga kai. This research aims to connect current freshwater research and mahi carried out by Hokonui Rūnanga and others with interest in kanakana, to provide a pathway to future research, monitoring, and restoration of Mahika kai kanakana. The intern will have experiences of field work and monitoring techniques unique for understanding kanakana, and interactions with kaimahi, mana whenua mahinga kai experts and iwi resource management practitioners will provide a specialised and holistic understanding of kanakana/piharau.

Project Team: The interns will be based in Murihiku and will be supervised by Dr Kitson (a Ngai Tahu ecologist who specialises in customary fisheries) and embedded in the supportive Hokonui Kaupapa Taiao Waimāori team. The interns will be supported as part of the team by the Rūnanga kaimahi. Riki Parata and Mollie Lyders (Hokonui Runanga) will be key connects for the interns.

Ideal Applicants: eligible students from any discipline are suitable for this internship, they must be able to work within a team, support field work within the awa, and be eager to explore storytelling as a mechanism for restoration. The project is able to support two interns to participate in the work.

Programme of work to be carried out: The research involves developing and writing a narrative around kanakana, from the perspective from this taonga and its relationship with Hokonui Rūnanga members. The expected outputs will include written and visual materials that convey elements of the restoration needs for kanakana, and could include an oral presentation, visual materials, and/or a co-authored product for publication.

Day to day nature of the work:

- Attend weekly supervision meetings.
- Participate in Hokonui Runanga kanakana monitoring and restoration activities.
- Explore and understand the aspirations around Hokonui restoration (there are a number of written references).
- Develop and understanding of the biology and ecology of kanakana (with support from Dr Kitson and Hokonui kaimahi team).
- Search and collate materials that may assist around storytelling and narratives that could be used in kanakana restoration. Keep a shared GOOGLE drive folder of materials/references found.
- Under guidance from the supervision team, consider and develop an appropriate output that conveys the voice for kanakana within the Mataura River context.
- Work with the supervision team to consider forms of dissemination for the project;
- Complete all reporting requirements for the internship;

Research skills the student will learn: Research planning; Engagement with supervisors; Field work and monitoring knowledge around kanakana; Teamwork; Time management; Work ethic; Literature review research & Creative storytelling/narrative writing/development.

23-24 INTS 16– Māori Pharmacists: Staying, going, or gone?

Project Supervisor(s): Dr Lisa Kremer

Institution: The University of Otago

Email: lisa.kremer@otago.ac.nz

Project location: Interns can be located anywhere in Aotearoa but will require their own computer with stable internet connection. Because this research will be undertaken online through the University of Otago virtual library and using Qualtrix software, the intern can work away from campus for most of this project; however, regular weekly meetings via zoom will be necessary through out the course of the project. The intern will also be in Ōtepoti Dunedin at the beginning of the project to outline the literature review and get the support from the subject librarian to start this process.

Project Summary: Māori pharmacists make up less than 3% of the total number of registered pharmacists in Aotearoa. An immense amount of work goes into recruitment of future pharmacists into the profession, however reasons for why Māori pharmacists stay, consider leaving, or leave the profession are not well understood. The purpose of this research is to understand reasons and critical factors that influence Māori pharmacists' decisions around their pharmacy career. The intern will carry out a literature review for publications on Indigenous pharmacists' views on the pharmacy profession. The intern will disseminate an online Qualtrix survey of all known Māori pharmacists (practicing and non-practicing) through the distribution list held at the Pharmacy Council of New Zealand and through Ngā Kaitiaki o Te Puna Rongoā o Aotearoa networks. Following completion of the online survey, the intern will have an opportunity to complete preliminary analysis of the data. The supervisory team will complete the full analysis if required. Following analysis, the intern will have an opportunity to present data back to Ngā Kaitiaki o Te Puna Rongoā o Aotearoa at the 2024 symposium or at another suitable forum to disseminate findings back to Māori pharmacists. Additionally, the intern will have an opportunity to co-author a manuscript to disseminate results within an open access journal.

Project Team: The internship will be supervised by Dr Lisa Kremer, alongside Dr Amber Young and Mariana Hudson, who are Māori pharmacist research active academics, and active members of Ngā Kaitiaki o Te Puna Rongoā o Aotearoa.

Ideal Applicants: Māori pharmacy student who is interested in maintaining the reciprocal relationship between Te Puna Kaitaka (Māori Pharmacy Students Association) and Ngā Kaitiaki o Te Puna Rongoā o Aotearoa, and someone who is keen to develop foundational skills in research, presenting to audiences and writing for publication.

Programme of work to be carried out:

- Attend weekly research team meetings (30 min)
- Carry out literature search.
- Send out Qualtrix survey to Māori practicing and non-practicing Pharmacists.
- Work with supervisor team to analyse data from Qualtrix survey.
- Work with supervisor team to prepare oral presentation for Māori pharmacists.
- Work with supervisor team to prepare manuscript for publication.

Day to day nature of the work:

- Attend weekly research team meetings
- Develop a work plan and timeline Orientation to EndNote Orientation to databases for literature searching
- Orientation to Qualtrix & Send out survey
- Draft literature search for introduction of manuscript
- Write up methods section of manuscript
- Preliminary data analysis of survey results
- Start writing results section of manuscript
- Prepare oral presentation (e.g., 2024 MPA symposium)

Research skills the student will learn: Whanaungatanga with supervisors and Ngā Kaitiaki o Te Puna Rongoā o Aotearoa; Research planning; Literature searching; Quantitative and qualitative analysis; Writing for publication; Oral presentation skills; Teamwork; Time management; Work ethic; Developing creative and influential research impact strategies.

23-24INTS20 – Rebuilding ahi kaa - keeping the home fires bright.

Project Supervisor(s): Professor Linda Waimarie Nikora

Institution: The University of Auckland

Email: l.nikora@auckland.ac.nz

Project location: Tolaga Bay, Uawa (Dec-Jan 2024) and Wellington (Feb 2024)

Project Summary Through the 20th century, many Māori left the rural East Coast / Tairāwhiti to find livelihoods and opportunities for their whānau in urban centres beyond their tribal districts. This continues to this day as a result of a persistently depressed regional economy, lack of job opportunities, and narrow career pathways. Some whānau may have been fortunate enough to have returned to their iwi homelands for tangi, whānau events or holidays, but for many, this has not been enough to enable a strong connection to marae, or to marae communities. This internship aims to address a critical issue faced by many Māori postgraduate students who have grown up in urban centers away from their ancestral marae communities, which is: **how do they fan their ahi kaa and nourish a connection with their marae community? The objective of this internship is: to develop and explore ways for people to reconnect, refresh, and rekindle their ahi kaa, empowering them to contribute actively to keeping the home fires bright and fostering a strong sense of connectedness and belonging.**

Project Team: The intern will work under the guidance and mentorship of Professor Linda Waimarie Nikora (Te Aitanga-a-Hauiti, Tuhoe), a highly respected and accomplished researcher in the field of indigenous studies, particularly Māori well-being, identity, and cultural connectedness. Professor Nikora brings extensive expertise in qualitative research methodologies, community engagement, and indigenous frameworks for research. The intern will also walk alongside designated whānau mentors during their time in Tolaga Bay. They will provide day to day direction and guidance. They will also walk alongside Hauiti marae whānau as they complete internship related activities.

Ideal Applicants: The internship will best suit a student with whakapapa to Te Aitanga-a-Hauiti, and who is willing to reside in Tolaga Bay / Uawa over the summer.

Programme of work to be carried out: The intern will be based in two key locations during the internship period. From December 2023 to January 2024, while in **Tolaga Bay**, they will immerse themselves in everyday marae life, engaging with the local community to gain experiential knowledge and connectedness. Subsequently, in February 2024, the intern will relocate to **Wellington**, where they will conduct archival research at national repositories to investigate the history of Te Aitanga-a-Hauiti, providing a vital contextual backdrop for their work.

Day to day nature of the work:

- At the beginning of December, the intern will be based in Tolaga Bay, Uawa. Where they will participate in Hauiti marae and community activities under the guidance of whānau mentors. They will be engaged in active outreach and engagement, connecting, meeting, learning, contributing. They will be reading widely, journaling and reflecting deeply. They will take guidance and direction from whānau mentors.
- Internship Mid point: Community engagement will have settled, and patterns of connectedness and contribution will begin to emerge. At this stage, engagement in whānau mentorship will assist the intern to develop a heightened critical analysis and ideas for final oral and written report organisation. They will take guidance and direction from whānau mentors.
- From February, the intern will be Wellington base, engaged in archival search and report writing. They will take guidance and direction from whānau mentors.

Research skills the student will learn: Research Skills: Proficiency in qualitative research methods including archival search of local and national repositories, autoethnographic methods, skills to think critically and deeply reflectively, oral and written presentation skills; Whakapapa Connectedness: Enhanced understanding of their connections to Hauiti marae whānau and an enhanced sense of belongingness; Community Engagement: Ability to build meaningful connections and engage in respectful and collaborative manner; Critical Thinking: Analyzing complex social and cultural issues and proposing innovative solutions for reconnecting Māori postgraduate students to their ahi kaa; Oral and written presentation skills: An ability to communicate effectively across a diverse Māori audience.

23-24 INTS 21 – How will Āta Tiaki Taonga Tuku Iho help to meet the needs of Taumata Whakapumau Tiaki Taonga?

Project Supervisor(s): Vasiti Palavi

Institution: Tāmaki Paenga Hira, Auckland War Memorial Museum

Email: vpalavi@aucklandmuseum.com

Project location: Tāmaki Paenga Hira, Auckland Museum, with option to work remotely/online as needed.

Project Summary: Tāmaki Paenga Hira, Auckland Museum has recently developed *Āta Tiaki Taonga Tuku Iho*, a workforce development programme that aims to build capability and capacity within iwi to manage the storage, care, and restoration of taonga. This kaupapa aligns to *Tiaki Taonga* – a movement recently launched by WAI262 to bring understanding and te iwi Māori engagement to the kaupapa of taonga and mātauranga protection. This summer internship will research how Auckland Museum can support *Tiaki Taonga* through museum practices, using *Āta Tiaki Taonga Tuku Iho* as an example framework. The project will identify what iwi want from Museums to “Tiaki Taonga” and identify whether the *Āta Tiaki Taonga Tuku Iho* programme will help to achieve that. The intern will be supervised and supported by a team of museum professionals. The team will ensure the intern has a comprehensive support network within the museum, and provide opportunities for the intern to interact and learn from people with different skillsets and different roles within the museum sector. The intern will be based at Auckland Museum, although the project team are very happy to accommodate remote and flexible working arrangements. The intern will benefit from being present in person at the Museum however, as there will be a series of talks and tours across the summer for our summer scholars.

Project Team: The internship will be supervised by Vasiti Palavi and co-supervisor Catherine Smith. The intern will also work closely with Dr Sarah Knowles (Research Manager), Dr Kahutoi Te Kanawa (Curator, Pou Ārahi), and Nicola Railton (He Korahi Māori Manager) throughout the project.

Ideal Applicants: students who are currently completing studies in the humanities, Māori and/or Pacific studies, management or business studies, law, museums, and cultural heritage.

Programme of work to be carried out: The research activities will include:

- Desk and archival research to align *Āta Tiaki Taonga Tuku Iho* to *Tiaki Taonga*
- A series of interviews with iwi and hapū members
- Thematic analysis of interview findings
- Synthesis of results into a series of conclusions and recommendations
- Presentation of findings through a research output (report, or creative work)
- Participation in the Auckland Museum summer student symposium

Day to day nature of the work:

- Meeting Auckland Museum staff, to get to know key staff members who will be supporting the project.
- Weekly summer student meetings
- Refine research pātai.
- Literature research
- Questionnaire development, including both qualitative and quantitative questions.
- Conducting interviews with support of AM staff
- Thematic analysis of interview material, including analysis of both quantitative and qualitative responses.
- Preparing final research output & presentation at AM summer student symposium

Research skills the student will learn: The intern will have opportunity to learn about research ethics and practice, museum practice, interview techniques, thematic analysis of qualitative data, synthesis of information to support conclusions and recommendations. Alongside this, the intern will also develop an in-depth understanding of WAI262 and how this can be supported by workplaces.

23-24 INTS 24 – Mātauranga Māori and the Patent Law System: Collision and Contest

Project Supervisor(s): Dr Jesse Pirini & Associate Professor Jessica Lai

Institution: Victoria University of Wellington

Email: Jesse.pirini@vuw.ac.nz

Project location: Wellington

Project Summary: This project examines the collision and contest of te ao Māori and the intellectual property system with respect to mātauranga Māori. The intern can choose the exact subject matter (e.g., a specific kind of knowledge or Rongoā) to investigate this collision and context, investigating the diverse ways that the different worlds approach that subject matter. This will involve talking to relevant knowledge holders and communities, on the one hand, and learning to search the patent register and analyse patent data, on the other hand. The intern will also examine how te ao Māori manages knowledge in comparison and in contrast to the intellectual property system. The overall research goal of the summer internship is to identify a specific kind of Mātauranga Māori from a specific community, and to start to compare and contrast how it is managed within that community, with how it exists and would be managed within the patent system (or how it might, if it were to enter the patent system).

Project Team: The intern would be supervised in Wellington by Dr Jesse Pirini an expert in management and innovation, and Associate Professor Jessica Lai, an expert in patent law and patent landscapes.

Ideal Applicants: The intern should have a background in the humanities or social sciences (including law), or in management, the internship will be based in Wellington.

Programme of work to be carried out:

- Perform a literature review on mātauranga Māori and intellectual property.
- Identify a subject matter to investigate.
- Talk to the source community (communities) of the subject matter about their relationship with the subject matter and their management of it.
- Perform a New Zealand patent landscape of the subject matter.
- Write up a report on the research.

Day to day nature of the work:

- At the beginning of the internship, the intern will identify the subject matter of the project and will reach out to the relevant community/communities. The intern will also spend some time identifying and engaging with the key literature around the interface between Indigenous knowledge and the intellectual property system.
- At the mid-point of the internship, the intern will engage with the relevant community/communities about the chosen subject matter and how the community/communities manage that subject matter. The intern will also learn how to search the New Zealand patent register and will collate patent data on the chosen subject matter.
- Towards the end of the internship, the intern will compare and contrast the ways in which the community/communities manage the subject matter compared to how the patent system structures transactions around the same subject matter.

Research skills the student will learn:

- The intern will develop skills in qualitative and quantitative research. The qualitative skills will be developed through a literature review, as well as undertaking interviews with knowledge holders. In addition, the supervisors will guide the intern through the ethics approval process. The intern will also learn skills required to search the patent register in New Zealand. Depending on the data identified, this will provide an opportunity to develop different skills in quantitative analysis.

23-24 INTS 26– Pou Hine – Whenua me te Ao Tūroa: understanding wāhine connections to land and environment.

Project Supervisor(s): Dr Joeliee Seed-Pihama

Institution: The University of Waikato

Email: joeliee@waikato.ac.nz

Project location: The internship will be largely located online. Team members are in Hamilton, Whakatane, and Gisborne, should the intern wish to connect in person depending on their location. An in-person team wānanga will also be held in January 2024 that the intern will be supported to attend.

Project Summary: In 1993 the first Mana Wāhine Claim was lodged, and this gave rise to 170 or so related claims that were brought together to form the Mana Wāhine Kaupapa Inquiry. The purpose of this research is to support the issues raised by claims in the inquiry and to supplement research commissioned by the Tribunal. The internship will contribute to a broader research project, *Pou Hine: Whenua me Te Ao Tūroa – Mana Wahine, land, and environment*, being undertaken as a collaborative project by a team of wāhine Māori researchers. The broader project considers the unique relationships between wāhine and whenua/taiao, the ways in which this hononga has been impacted through Crown actions and inaction and the responses of wāhine to colonial impositions over time. A combination of wānanga, interviews, primary and secondary source material will be gathered over two years. This is an exciting opportunity for an intern to contribute to the Mana Wahine Claim, and work within a supportive, innovative, and collaborative mana wahine research project. The intern will conduct in-depth research on a wāhine and/or wāhi to which they are connected. The case studies may consider such things as the relationship between wāhine and the whenua/taiao; set out any impositions and disconnections to that relationship caused by Crown policy, actions, or legislation; highlight the responses of wāhine through the likes of petitions, protest, submissions, or other creative responses such as through mahi toi.

Project Team: The Pou Hine – Whenua and Te Ao Tūroa research project is a collaborative project made up of a team of wāhine Māori researchers including Joeliee Seed-Pihama, Kahurangi Waititi, Naomi Simmonds, Erana Walker, Rangimarie Mahuika and Teah Carlson.

Ideal Applicants: will understand mana wahine approaches and methodologies, may have skills or interest in land or environment policy and legislation, or be interested in place based/land-based methodologies.

Programme of work to be carried out: Interns will work with their supervisor to choose a wāhine and/or wāhi that is of significance to them and has relevance to the wider project goals. The intern will be supported to complete the following activities:

- Use secondary and primary (archival) sources to gather relevant information about their chosen wāhine/wāhi.
- Create a case study on their chosen wāhine/wāhi, the case study can be made up of written analysis, extracts from sources, images, creative contributions.
- Analyse the material against the wider project literature review to understand how the case study contributes to the themes and gaps of the bigger project.

Day to day nature of the work:

- Search databases for secondary sources, and online archival material relating to their chosen person/place.
- Critically analyse information gathered to develop a case study considering the wāhine/whenua relationship, impacts on this relationship over time, and responses by wāhine.
- Develop case study using written analysis, extracts from secondary and primary sources, visual materials, or creative contributions (such as poetry, waiata etc.)
- Consider the case study against the themes and gaps of themes of the wider research project and share these thoughts with the research team at a wānanga.
- Attend weekly supervision hui and participate in monthly team wānanga

Research skills the student will learn: Secondary source search and review; primary source search and review (online sources); analysis of primary and secondary material; developing key themes and relevance of material to research questions; Creation of a case study using written analysis and other media; Communications both written and verbal; Collaborative research through participation in research meetings and wānanga; develop further an understanding of mana wahine research approaches and methodologies; Participate in mana wahine research and collaboration 'in real time' and be part of a mana wahine research network.

23-24 INTS 28 – Reimagining Dissemination: Utilising co-design and kaupapa Maaori to create a dissemination outcome.

Project Supervisor(s): Dr Jade Tamatea

Institution: Waipapa Taumata Rau; The University of Auckland

Email: j.tamatea@auckland.ac.nz

Project location: Waikato (preferably Kirikiriroa) with online locale in the University of Auckland

Project Summary: Tōku Ara OraNGA – TAONGA project is Maaori-led multi-stage research project, with an almost entirely Māori research team. The project is exploring development of a Kaupapa Maaori informed co-design of outpatient care for thyrotoxicosis, to improve the delivery of healthcare to whānau. The project will utilise co-design methods under a kaupapa māori methodology and recognises the need for research to offer challenges to western approaches. The project team wants to reimagine processes relating to dissemination as part of their work. Taonga will disseminate information throughout the project, as opposed to at the end. The first of these disseminations will occur at the end of 2023 (end of stage 2 of the project). The summer internship will be focused on dissemination of findings to the whaanau involved in our project. It will be expected the intern communicates with whaanau regarding the information they want disseminated, as well as how they would present this. Presentation of information is not limited to written form. Presentation of information will be encouraged to reimagine what is currently accepted as dissemination. The grounding of kaupapa māori is expected. Ideas of new presentation types may include but are not limited to waiata, art, the inclusion of pūrākau. This dissemination will be used in the wider project, subsequent stages, and final disseminations.

Project Team: The internship will be supervised by Dr Jade Tamatea, with additional support through Te Kupenga Hauora Maaori studentship programme (for learning, fellowship, and support), as well as being able to work alongside our team research assistant, Taisha Abbott (Nga Puhī, Ngaati Kahungunu) - particularly when I am in clinical settings and unavailable.

Ideal Applicants: will have a background or interest in kaupapa Maaori, and clinical knowledge would help, but is not necessary.

Programme of work to be carried out: under the supervision and support of the research team:

- Review of qualitative findings from focus groups in Phase 2 of TAONGA
- Review literature – including grey literature and alternate sources - to understand the scope of potential for dissemination approaches
- Develop prototype dissemination resource
- Subject to ethical approval, intern will test prototype with consented participants and stakeholders (ethics amendment will be submitted by the research team as soon as confirmation of funding for studentship has come through)

Day to day nature of the work:

- Review of qualitative findings and literature
- Weekly research meetings & TKHM studentship programme hui
- Development of prototype & testing of prototype with whaanau and stakeholders (with research assistant)
- Writing of report
- Formalisation of resource
- Presentations – local research meetings, TKHM studentship programme

Research skills the student will learn: Kaupapa Maaori interpretation/analysis of qualitative findings; Critical thinking skills about research methods and ways to decolonise; Qualitative skills in testing prototype with whaanau and stakeholders; Develop understanding of the potential of integration of kaupapa Maaori approaches within clinical spaces.

23-24 INTS 29– Māori whānau mental health and addiction journeys

Project Supervisor(s): Dr Erena Wikaire

Institution: Te Whare Wānanga o Awanuiārangi

Email: Erena.wikaire@wananga.ac.nz

Project location: Variable - ideally work from home - Possibly Hamilton or Whakatane

Project Summary: The internship will contribute to a larger postdoctoral research fellowship project: a kaupapa Māori analysis of Māori experiences of cannabis and methamphetamine use. Māori whānau and communities are heavily impacted by cannabis and methamphetamine. Despite calls for the treatment of drug use and addiction as a health concern, these issues continue to be addressed as criminal justice problems. This approach is not working for Māori, and Māori are rarely asked to tell our stories, or offer our solutions. This project will interview Māori whānau and key stakeholders about their journeys related to cannabis and methamphetamine, and what works (and does not work) for Māori.

Project Team: Dr Erena Wikaire (Ngāpuhi, Ngāti Hine, Te Hikutu, Te Kapotai) is a Kaupapa Māori Postdoctoral Research Fellow at Te Whare Wānanga o Awanuiārangi. Erena's research interests include Rongoā Māori, Indigenous healing systems, health inequities, and mental health and addiction.

Ideal Applicants will have: a love of writing, thinking, reading, and learning; and interest in Kaupapa Māori, or mātauranga Māori; public health; Māori mental health and addiction.

Programme of work to be carried out:

- Complete ethics application.
- Develop interview schedule and information sheets.
- Recruit and interview Māori whānau and key stakeholders.
- Collate, manage and assist with data analysis.
- Write up results for academic journal article publication.

Day to day nature of the work:

- Administration and planning: check emails and develop a plan of daily tasks to be completed. This will be largely administrative planning and completing the ethics application for the project. Meetings with supervisor and understanding what a project looks like and key milestone to be completed.
- Recruitment and interviewing of research participants. This will involve co-ordinating travel, time, and data management.
- Writing up of results, following publication guidelines, responding to feedback.

Research skills the student will learn:

- How to apply for ethical approval for kaupapa Māori research
- Organising and managing a small research project including filing, organisation, meeting invitations, professional email communication, professional interpersonal communication
- Experience working alongside a kaupapa Māori researcher and with Māori communities
- Being able to analyse data from from a kaupapa Māori perspective
- Learning about kaupapa Māori research principles in practice
- Academic writing for publication
- The process of publication, submission, following authorship guidelines
- Learning about the potential implications of research for Māori health gain

23-24 INTS 30– Intergenerational impacts of Fetal Alcohol Spectrum Disorder on Indigenous whānau, hapū, iwi and hapori

Project Supervisor(s): Dr Karen Wright

Institution: The University of Auckland

Email: Karen.wright@auckland.ac.nz

Project location: The University of Auckland; or online, work can be remote (via zoom).

Project Summary: Fetal Alcohol Spectrum Disorder (FASD) is a collection of lifelong neurodevelopmental conditions caused by exposure to alcohol before birth. There is little Aotearoa specific data on the prevalence of FASD, however, Māori are disproportionately burdened by hazardous alcohol consumption and alcohol related harms, and it is suspected that similar inequities will exist for FASD. The Waitangi Tribunal claim WAI2624 made by Raawiri David Ratuu addresses the inequitable harm from alcohol experienced by Māori, including the failure of the Crown to appropriately address FASD. As part of the Tribunal process, a FASD Advisory Rōpū (Te Kāhui Taurikura) has been established to provide independent, timely and practical insights to Crown agencies working in the health and disability sector. Intergenerational impacts of FASD are described by those with lived experience of FASD. This project will explore the intergenerational impacts of FASD on Indigenous whānau, hapū, iwi and hapori in published literature, providing insight into the breadth of harms and current research. Specific objectives include conducting the scoping review, producing a draft publication for a peer reviewed journal, and sharing findings with Te Kāhui Taurikura.

Project Team: The internship will be supervised by Dr Karen Wright, a Tōmaiora researcher at Te Kupenga Hauora Māori. The intern will receive regular supervision and attend the Tōmaiora Summer Student programme to support both connections and their growth as an emerging researcher.

Ideal Applicants: will be based in Tāmaki Makaurau, but it is possible to work remotely on this project. Interested students will need to be passionate about Māori health, able to use Microsoft Excel, be comfortable with reading and extracting information from academic literature and be able to engage in academic writing. An understanding of the structural determinants of health and Kaupapa Māori research principles would be beneficial.

Programme of work to be carried out:

- Refine and finalise the scoping review protocol.
- Search for literature in academic databases and extract and analyse relevant information.
- Produce a complete draft of a publication for a peer reviewed journal article.
- Share findings with Te Kāhui Taurikura

Day to day nature of the work:

- Orientation to Te Kupenga Hauora Māori and the project
- Setting up for the project (develop timeline, project management and learning support tools etc)
- Refining the project protocol
- Meet weekly and work collaboratively with supervisor.
- Work independently on tasks, communicate progress clearly, and ask for help when required.
- Conduct literature search, extract, and analyse data.
- Write up draft publication for a peer reviewed journal.

Research skills the student will learn:

- Planning and undertaking literature review in a systematic way
- Develop understanding of Kaupapa Māori research principles in practice
- Project management skills
- Develop academic writing style suitable for peer reviewed journal publications

2023/2024 NPM Borrin Foundation Raumati Legal Research Internship Award

Project Supervisor(s): Adrienne Paul

Institution: Te Whare Wānanga o Waitaha | University of Canterbury

Email: adrienne.paul@canterbury.ac.nz

Project location: The intern can be located anywhere, as this is predominately an online project. From time-to-time the intern will meet with the project team, but this can be over zoom etc.

Project Summary: The project team are leading the indigenization of the LLB at the University of Canterbury. The internships will assist the project in building an online repository of resources that are relevant to both research and teaching within this space. This repository will be at LEARN page open to all staff and students interested in research or teaching in this area. The internships will contribute towards transformation of the LLB at the Te Whare Wānanga o Waitaha | University of Canterbury. By sourcing and mapping all this knowledge, we will make tikanga and te ao Māori legal concepts so much more accessible to students and students across the discipline, connecting to iwi, hapū and whānau for impact and transformative change. Access to information in an online repository can be transformative for building new understandings and applications that accelerate transformative change for flourishing Māori futures. The online repository will provide a vast collection of knowledge and resources that can be easily accessed and shared, enabling Māori individuals and communities to explore diverse perspectives, engage with ancestral wisdom, and exchange ideas. This access allows for the revitalization and preservation of Māori culture, language, and traditions in the law, fostering a sense of identity and belonging. By leveraging this information, Māori in the law can develop innovative solutions and applications that address contemporary challenges, such as disparities in the law, legal structures to assist with environmental sustainability, and economic development. Through the power of shared knowledge, our Māori learners in the faculty of law can actively participate in shaping their future, reclaiming their narrative, and fostering a society that embraces their values, aspirations, and well-being.

Project Team: The project team includes Maori Legal academics Adrienne Paul, Rachael Evans, and William Grant from Te Whare Wānanga o Waitaha.

Intern eligibility: Māori students enrolled at a New Zealand tertiary institution in an upper-level year of the LLB, LLM or PhD in Law programme of study.

Ideal Applicants: will have exceptional research skills, and strong writing skills required to summarise a lot of material into one or two paragraphs. The interns will have strong selfmotivation and the ability to work without close supervision. The project is able to support two interns to participate in the work.

Programme of work to be carried out: The interns will be provided with research training from the law librarian to assist with the task of collating around 150 resources named by the Council of Legal Education as relevant to the indigenization of the LLB, and also for seeking out any other relevant sources. Once the sources are collated, the interns will be responsible for loading them onto LEARN into a cohesive manner that is easily accessible to a person with no knowledge of the topic. The interns will provide a brief description of each source and will be required to put together a 'master index' which will list all the sources and potential relevance to LAWS topics.

Day to day nature of the work:

- Using databases to collate all listed documents, and also searching for anything relevant that may not be on the list.
- Drafting short summaries on each document and beginning to map them in a cohesive manner.
- Mapping the documents on LEARN and creating the master index.

Research skills the student will learn: At the end of this project, the interns will have developed a comprehensive understanding of legal and other research databases and will have an unmatched knowledge of the resources relating to research and teaching of tikanga and te ao Māori concepts into the LLB. The interns will gain experience in searching documents in databases, and to quickly synthesise them into understandable summaries. The interns will develop abilities to map a lot of complex information in a way that is accessible, alongside comprehensive understanding of the LEARN website.