



# 2012 ANNUAL REPORT

INDIGENOUS TRANSFORMATION THROUGH RESEARCH EXCELLENCE



NEW ZEALAND'S INDIGENOUS CENTRE  
OF RESEARCH EXCELLENCE



## INDIGENOUS TRANSFORMATION THROUGH RESEARCH EXCELLENCE

*Whāia ngā pae o te  
māramatanga me te aroha*

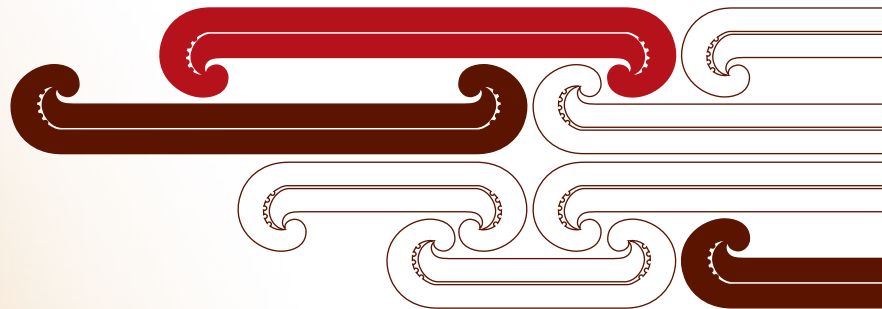
*Te pae tata,  
te pae tawhiti*

*Kia puta koe ki te whaiao  
ki te ao mārama*

*Pursue the horizons of  
understanding and love*

*The near horizon,  
the distant horizon*

*So that you may emerge  
into the world of light*



Ngā Pae o te Māramatanga is a Centre of Research Excellence funded by the Tertiary Education Commission and hosted by The University of Auckland



Our vision is to unleash the creative potential of Māori peoples to bring about positive change and transformation in the world. Our mission is to conduct research relevant to Māori communities – research which leads to transformation and positive change.

## KEY HIGHLIGHTS

**Seven research projects completed**, with important outcomes for our communities

**Ten new research projects commenced**, addressing our three research priorities

**Hosted the 5th biennial International Indigenous Development Research Conference** with 400 attendees from around the world

**Awarded 62 grants and awards to researchers and students** to contribute to their research and build capability

**MAI Journal: A New Zealand Journal of Indigenous Scholarship** launched, focusing on indigenous knowledge and development in the context of Aotearoa

**AlterNative: An International Journal of Indigenous Peoples** moves to quarterly publication

**Five short research documentaries created and published** via our Online Media Centre

**Greater media exposure of Ngā Pae o te Māramatanga**, with more than 200 pieces of coverage, including our research featured in Māori Television's series *Project Mātauranga*

**Held a national symposium on enhancing Māori distinctiveness**, exploring the positive and unique contributions Māori communities make and could yet make to New Zealand

**Prominent awards for our researchers**, including Dr Joe Te Rito who along with other members of Te Reo Māori Society and Ngā Tamatoa received Te Tira Aumangea Group Award at the Māori Language Awards; and Professor Linda Smith received the Dame Joan Metge Medal from the Royal Society of New Zealand

**Colloquium on and launch of *Māori and Social Issues***, enabling a concentration of thinking on solutions for social issues effecting our communities

**Published seven book chapters**, 57 peer reviewed journal articles, 15 professional and research reports, and close to 40 papers in conference proceedings





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## OUR FOCUS AND CONTEXT

Ngā Pae o te Māramatanga is a leading indigenous research centre conducting cutting edge research concerning needs and opportunities facing Māori and indigenous communities. While research concerning the needs of indigenous communities worldwide is not new, the academic field of indigenous development is. The move to formalise indigenous development research is borne from a number of historical threads:

- The movement beyond Māori, native or indigenous 'studies'
- The desire to engage meaningfully with the communities themselves – so that they may participate in and actively guide research
- The desire to engage deeply with the traditional and distinctive knowledge of indigenous communities
- The desire to bring about tangible benefits through research to those communities, and to the states and nations in which indigenous peoples can be found.

Indigenous development is a multidisciplinary field involving creative people from the arts, humanities and sciences. We have articulated four 'horizons':

- Addressing needs and issues arising in Māori communities
- Seizing upon and yielding creative opportunities arising in Māori communities
- Building collaborative relationships with indigenous scholars and communities outside of New Zealand, and
- Fostering indigeneity in the world at large.

The question of fostering indigeneity itself across cultural boundaries is the 'deep horizon' of indigenous development research. This theme represents the active connecting of the foundational idea of indigeneity – that of a kinship based and creative participation in natural world environments – with the universal issue (and problem) of humankind's relationship with the earth, with the natural world. It is experimental and unknown, yet it is the theme which indigenous peoples seek to advance in the world and Ngā Pae o te Māramatanga is key in facilitating this development.

### Our three research priorities are:

- **Optimising Māori Economic Performance** – harnessing the contribution of Māori people to New Zealand's economic development through increased and positive participation in the general economy
- **Fostering Te Pā Harakeke** – understanding, achieving and maintaining healthy and prosperous families of mana and the lessons this may hold for New Zealand families overall
- **Enhancing Māori Distinctiveness** – understanding and yielding the distinctive contribution that Māori people make and may yet make to New Zealand's society, culture and economy.







## CHAIRMAN'S REPORT

Māori communities remain a distinctive and significant dimension of New Zealand society, culture and economy. This distinctiveness arises not only from a unique history – a people born of Polynesian origins living hundreds of years in these islands before contact and colonisation by European immigrants – nor from a unique set of contemporary opportunities and challenges – typified, for example, by claims under the Treaty of Waitangi, health disparities, efforts to revitalise the Māori language and culture and more. Rather, this 'Māori distinctiveness' is equally suggested by a unique set of possibilities, a future derived from the trajectory of Māori history, culture and experience.

It is these possibilities and opportunities, as much as the need to address critical issues, that drives Ngā Pae o te Māramatanga. The 'development' of Māori communities does not merely entail participation by Māori in a range of pre-existing activities and enterprises in our nation's life and culture. Our vision is that Māori communities are able to, and do create distinctive, valuable and meaningful contributions to themselves and our nation – contributions that cannot be obtained from any other source.

The strategic plan of Ngā Pae o te Māramatanga is grounded in the need to address both pressing questions and problems facing Māori communities, and the opportunities and possibilities facing these communities. In this way, it is our desire to imagine possibilities for Māori communities in entirely different ways – let us not prematurely perceive, define and confine the opportunities facing our communities.

Ngā Pae o te Māramatanga is a vitally important creative 'space' wherein radical problem solving and scenario building can be conducted. Because

of its multidisciplinary and inter-institutional nature, Ngā Pae o te Māramatanga enables unrealised or unimagined research collaborations to take place. We enable connections across conventional boundaries to stimulate an original imagination of Māori communities – enabling us to address our problems and seize opportunities.

We are also able to support novel and innovative research which research funders and other research centres might find difficult to do. For example, Ngā Pae o te Māramatanga has encouraged research into iwi community derived models of education success rather than the testing of models derived from other sources within those same communities. We have been able to support high community involvement in research pertaining to iwi economic development, and in some instances, enabled iwi members themselves to be the researchers. Other novel research which may not have otherwise been supported includes Māori approaches to childrearing and indigenous agroecology. This kind of research is evidence of the 'uncovering' of relevant knowledge making opportunities that could not have taken place without Ngā Pae o te Māramatanga.

Later in 2013 we expect to receive an invitation from the Tertiary Education Commission regarding the development of a proposal for new investment post-2015 (when our current Centre of Research Excellence contract concludes). Throughout 2012 the Board has engaged in a series of discussions concerning the future of this Centre. We look forward to the development of this proposal and the debates and discussions this will bring regarding the future of our communities. With our renewed thrust towards our three research priorities, our modelling of research excellence in our field of research and the improvement of our research infrastructure, the Board feels positive about the future of Ngā Pae o te Māramatanga.

I would like to thank Alison Paterson and Mike Stevens who departed from our Board in 2012. They were long standing members of the Board who made valuable contributions to Ngā Pae o te Māramatanga and will be missed. We were delighted this year to welcome Traci Houpapa and Associate Professor Pare Keiha to the Board.

*Sir Tipene O'Regan*



## FROM THE DIRECTOR

In the first period of Ngā Pae o te Māramatanga's life (approximately 2002-2010), the emphasis was on uplifting participation and success of Māori in research and research training. There was a massive job to attend to – to marshal disparate resources to research of benefit to Māori communities and generally to build a scholarly environment for this research. As a consequence of this focus upon building research capacity and capability, Ngā Pae o te Māramatanga also supported and advanced excellent research during this period.

In 2011 the Board wished to update the direction of the Centre by continuing to build Māori relevant research capacity and capability and deepening an emphasis upon research excellence in the field of indigenous development. This meant, among other things, prescribing the field of research as indigenous development and articulating our three research priorities. In 2012 our focus was on the solid implementation of our evolved strategic direction “Māori/Indigenous Transformation through Research Excellence” to achieve positive change through these research priorities and other related activities.

We conducted our first two rounds of research commissioning according to these three research priorities – initiating 10 new projects including indigenous education success models, the place of land based heritage in the ‘creative potential’ of Māori communities, indigenous child rearing practices, indigenous agroecology, indigenous

wellbeing and transformation, relational health for men, and more. In 2012 we also completed significant research projects, and the reports and other materials rising from these projects are available through our website.

With respect to building research capacity and capability, we renewed our MAI Te Kupenga network with 10 regional sites in place nationally supporting students conducting doctoral studies in areas of relevance to indigenous development. We continued our collaboration with Fulbright New Zealand and the New Zealand Social Science Statistics Network.

Our Knowledge Sharing activities continue apace with four editions of *AlterNative* and the launch of our evolved online open access journal *MAI Journal*. In 2012 we convened our 5th biennial Indigenous Development Research Conference. This conference is emerging as the ‘must attend’ conference in international indigenous research and indigenous affairs. In November we also convened our latest research symposium entitled ‘Enhancing Māori Distinctiveness’. It was attended by close to 200 people drawn from diverse audiences and stakeholder interests. Our collaboration with Te Arawa was an especially pleasing feature of this research symposium.

A significant feature of Ngā Pae o te Māramatanga is our ability to connect meaningfully with Māori communities. We are able to provide opportunities to reach deeply into the distinctive aspects of our communities – knowledge, language, culture, assets and resources – and bring these forth for the benefit of our communities. In 2012 we strengthened our position in this respect to enable us to be a successful Centre of Research Excellence, further utilising our distinctiveness to make a real difference to New Zealand and the world. But we have much more work to do towards greater community connections and more distinctive approaches to research questions, needs and issues. Through this we will achieve our indigenous research and development leadership, realisation and support of Māori creative potential, providing opportunities to harness the distinctiveness Māori people provide, and approaches they imagine, to address their challenges and issues.

*Professor Te Ahukaramū Charles Royal*



A COMMITMENT TO  
EXCELLENT RESEARCH

## Adapting principles from rongoā into ecologically and culturally sustainable farm practice

This project explored the potential of integrating rongoā – the wealth of mātauranga Māori (Māori knowledge) regarding the medicinal use of New Zealand native plants – into farm management to improve animal health, farm cost-efficiency and the environment. Adapting rongoā for use by livestock is a novel way to address practical and financial considerations for supporting animal health, and the approach involves more than just the administration of herbal remedies. Implicit in the use of rongoā are the principles of kaitiakitanga and applying a holistic approach.

By unearthing and utilising traditional knowledge and combining it with established farming techniques, this research led by Principal Investigator Dr Marion Johnson is both retaining valuable knowledge and adapting it with farming practices to yield economic, environmental and cultural benefits for present and future generations. Ngā Pae o te Māramatanga recognised the excellence in this project and the potential for it to deliver sustainable farming methods by working with the local community, leading to real benefits for the community, and on a larger scale.

This research is excellent in an academic context as evidenced by invitations to present the approach and findings nationally and internationally in Germany, Austria and the USA in 2012. Furthermore, articles for submission to peer-reviewed journals are anticipated. This research is excellent in a community context as it places their views, values and aspirations front and centre of the research, seeks to yield real outcomes for the community and has the potential to revolutionise farming.

In New Zealand there are records of stock preferences for particular plants, and an old tradition among shepherds of allowing unwell animals' access to roadside verges. Rongoā plantings, whilst creating on farm 'pharmacies' for stock, also contribute to ecosystem services and the provision of species for cultural practices such as weaving, carving and harvesting mahinga kai and rongoā for community use. Te Rongoā research is centred on Te Pūtahi, a farm held in trust by the Wairewa community, on the Banks Peninsula in the South Island of New Zealand.



The farm and community link the research to reality and confirm the feasibility of the proposals.

After consulting Wairewa, Gribbles Veterinary lab, local vets and farmers, Marion decided to concentrate on plants with a probable efficacy against parasites and scour. Since diet and health are closely linked it seemed sensible to look for both plants that have been used as tonics and plants with a reputation for boosting health. Compiled from literature and community discussions, the lists detail Banks Peninsula specific plants, as rongoā is particular to an area and every hapū has its own remedies. For example māpou (red matipo) is effective against parasites, as is harakeke (New Zealand flax) which also acts as a tonic, fungicide and styptic. Rongoā is more than simply herbs for healing, and encompasses connections to the land and whānau. As such farming using rongoā requires an ethic of good stewardship.

The project developed to include other elements – because the farm wasn't previously mapped, the team has charted the farm using geographic information systems (GIS). The maps show boundaries, fences, current vegetation and eroded areas, and allow visualisation both of planting schemes and how they could be managed. There was also a biodiversity

“Te Rongoā project is a first step in applying Māori traditional knowledge of health to a sustainable land management programme. Māori traditional medicine is far more than simply plants for healing; the philosophy of rongoā Māori encompasses the associations between mind, spirit, body and the land.”

Dr Marion Johnson

component to the project, meshing rongoā plantings with species required to support native fauna. The community suggested the species that they would most like to see return, which included ruru, tūī, kererū and jewelled gecko.

Marion has discovered there are stories of Māori families using plants for animal treatment, stories of what didn't work and plants to be beware of – which are just as important as remedies.

“When chemical fertilisers and drenches were introduced in the 1940s, a lot of knowledge was lost in New Zealand about ways to farm naturally. We want to discover the knowledge that remains and introduce it back into modern farming systems. It's the way agriculture is going – management with respect,” says Marion. “We need to record the traditional knowledge before it dies out with the older generations, and it's encouraging to see younger generations are interested.”

The team has plans in place for which species are to be planted and the next stage is putting these into action. They are also looking at building a knowledge database for people to access, possibly online or on CD.

Read the research report online at [www.maramatanga.ac.nz/research](http://www.maramatanga.ac.nz/research)

## Outputs

### Conference Presentations

Johnson, M. (2012, June). *Adapting the principles of Te Rongoā into ecologically and culturally sustainable farm practice: a framework for farm management on Te Putahi*. Presentation to the International Indigenous Development Research Conference, Ngā Pae o te Māramatanga, Auckland, New Zealand.

Johnson, M. (2012). *Creating an on farm pharmacy in a country with no strong ethnoveterinary tradition*. Presentation to 13th International Congress of the Society for Ethnopharmacology in collaboration with the Society for Medicinal Plant and Natural Product Research and Eurasia Pacific Uninet, Graz, Austria.

Johnson, M. (2012). *Te Rongoā, Māori traditional medicine and organic farming*. Poster and presentation to 2nd IFOAM/ISOFAR International Conference on Organic Animal Husbandry, Hamburg, Germany.

Johnson, M. (2012). *Using Te Rongoā (Māori traditional medicine) to encourage biodiversity on farm*. Presentation to the 4th International Ecosummit – Ecological Sustainability, Ohio, USA.

### Papers in Conference Proceedings

Johnson, M. (2012). *Te Rongoā*. Paper published in the Proceedings of the International Indigenous Development Research Conference, Auckland, New Zealand: Ngā Pae o te Māramatanga.

Johnson, M. (2012). *The contribution of Māori traditional medicine to animal health on organic farms*. Paper published in 2nd OAHG Hamburg/Trenthorst Special Issue 362 Landbauforschung vTI Agriculture and Forestry Research, Hamburg, Germany.

### Professional and Research Reports

Johnson, M. (2012). *Adapting the principles of Te Rongoā into ecologically and culturally sustainable farm practice*. Auckland, New Zealand: Ngā Pae o te Māramatanga.

## Tetrodotoxin in Kaimoana: Science and Mātauranga Mitigating Health Risks from a Lethal Neurotoxin

A spate of dog deaths on the beaches of Tikapa Moana (the Hauraki Gulf) in August 2009 resulted in considerable concern for communities and iwi about the potential of poison impacting their kaimoana harvesting activities and ultimately the health of their people. Dr Shaun Ogilvie led this ground-breaking study that identified the poison as tetrodotoxin (TTX) – the same toxin found in puffer-fish – and discovered that it was present in sea slugs. This is the first documented evidence of TTX within sea slugs. Alarming, the concentration was so high that one sea slug had enough TTX to kill a person. The research team then determined the poisoning risk associated with gathering and eating kaimoana. The Hauraki Māori Trust Board and the Cawthron Institute collaborated in this Ngā Pae o te Māramatanga participatory action research project, which has seen the local community involved in a study that has led to better health protection not only for them, but for the wider regional community and visitors.

This research resonates excellence at all levels – academic, social impact and community. In an academic context, excellence is evidenced through publication of international peer-reviewed journal articles (see details on following page) as well as invitations to present the research

internationally. From a social impact perspective, the research was reported to the Auckland Council, Waikato District Health Board and a steering committee of representatives from 19 agencies involved in the toxic threat in the Auckland region – this informs management of similar events with an empirical base of research. For the communities, excellence results from addressing a hazard and the community's concerns, and creating an understanding of potential dangers, be it severe illness or death to their people or visitors. The research gives reassurance for all enjoying the Gulf, whether on the beach or harvesting kaimoana, an important part of our communities' lives.

The first step in the study was the Trust Board investigating historical reports, recordings of kaumātua mātauranga and kōrero, and current knowledge around toxic events in Tikapa Moana. The conclusion was that the poisoning events in August 2009 appear to be a new phenomenon – there was no historic record of this happening previously. Nearly 400 samples from 53 species were taken and analysed. TTX was shown to be present in six of these species. Two of the species were the sea slug (already known to be toxic), and a starfish. The remaining four species

“ We discovered that you would have to eat 5 kgs of pipi to receive a lethal dose ”

Dr Shaun Ogilvie





were all kaimoana, including pipi, one individual tio repe or Pacific oyster, one tio or rock oyster, and one pūpū or cat's eye. The finding of TTX in these samples is significant, as this toxin has rarely been found in shellfish. Pipi was the only kaimoana species where TTX was present in more than one individual and over multiple months. However, this research also discovered you would have to eat 5 kgs of pipi to receive a lethal dose.

The research team took this information back to the community and reported to the Marae Forum members, with a caution against the risks of eating large quantities of pipi from Whangapoua. The members were in general agreement that it was unlikely this quantity of pipi would be consumed at any one time. Additional information was also given about how to identify the toxic sea slugs, and about avoiding direct contact with them.

As a result of this project completed in 2012, not only has it protected the local community's wellbeing, but both groups involved have built significant capacity.

Hauraki Māori Trust Board has developed new ability in the management of marine biotoxin events and scientific monitoring, while Cawthron has made significant advances in gaining experience of mātauranga Māori, and incorporating tikanga Māori into potential marine biotoxin management options.

Read the research report online at [www.maramatanga.ac.nz/research](http://www.maramatanga.ac.nz/research)

## Outputs

### Peer Reviewed Journal Articles

Wood S.A., Taylor D.I., McNabb P., Walker J., Adamson J., & Cary S.C. (2012). Tetrodotoxin concentrations in *Pleurobranchaea maculata*: Temporal, spatial, individual and generational variability from New Zealand populations. *Marine Drugs*, 10(1), 163–176.

Wood S.A., Casas M., Taylor D.I., McNabb P., Salvitti L., Ogilvie S., & Cary S.C. (2012). Depuration of tetrodotoxin and changes in bacterial communities in *Pleurobranchaea maculata* adults and egg masses maintained in captivity. *Journal of Chemical Ecology*, 38(11), 1342–50.

### Professional and Research Reports

Ogilvie, S. (2012). *Tetrodotoxin in kaimoana: Science and mātauranga mitigating health risks from a lethal neurotoxin*. Auckland, New Zealand: Ngā Pae o te Māramatanga.

### Documentary

Ogilvie, S. (2012). *Documentary on tetrodotoxin in kaimoana: Science and mātauranga mitigating health risks from a lethal neurotoxin*. Online Media Centre, Ngā Pae o te Māramatanga. [mediacentre.maramatanga.ac.nz](http://mediacentre.maramatanga.ac.nz)

### Conference Papers

McNabb P., Selwood A., Ogilvie S, Taylor D.I., Wood S.A., & Munday R. (2012). *The discovery of tetrodotoxin in the common grey side-gilled sea slug Pleurobranchaea maculata*. Paper presented to Association of Analytical Communities Pacific Northwest Section Annual Meeting, Seattle, USA.

Taylor D.I., Ogilvie S, McNabb P, Wood S.A., Anderson A., Wilkinson L., & Hamon D. (2012). *Zombies, alien invasions and toxic sea-slugs: ecological processes and consequences of population explosions in the common grey side-gilled sea slug*. Paper presented to Western Society of Naturalists Annual Meeting, California, USA.

## Other projects completed in 2012:

### **Commercial Feasibility of Using Mātauranga Māori Based Fish Traps to Eliminate By-catch, Phase Two**

One issue that can hamper the success of fishing companies is the inadvertent capture of fish that are not target species. In a lead-up research project, the researchers found that fish traps, based in mātauranga Māori, have potential to reduce bycatch. Phase two looked at the design of these fish traps and tested new designs to determine commercial viability.

**Principal Investigator**  
**Dr Shaun Ogilvie**

### **The Ethics, Processes and Procedures Associated with the Digitisation of the Pei Jones Collection**

The late Dr Pei Te Hurinui Jones, one of Māoridom's leading scholars, amassed a significant collection of books, manuscripts and taonga. This project has been concerned with developing a digital format for the collection so that the general public can access the more than 30,000 scanned pages of written material, photos and taonga and ensures preservation for future generations. Importantly, this project provides a process to classify, preserve and become the guardians of such information.

**Principal Investigator**  
**Dr Hēmi Whaanga**

### **Te Ataakura: Re-Connecting Voyage Collections in Archives and Museums through the Creation of Digital Taonga**

This project drew together in digital form taonga exchanged during European voyages to Polynesia between 1765 and 1840. The team created digital surrogates of taonga to increase knowledge of the collections and reconnect iwi with their taonga held in archives and museums worldwide. This contributes to the wellbeing and identity of the iwi, its people and connection with tīpuna.

**Principal Investigator**  
**Dr Wayne Ngata**

### **Exploring a Māori Classificatory System of Flora and Fauna within Tainui Waka**

This study explored the traditional classification systems of naming flora and fauna within the Tainui waka, and the relationship between indigenous taxonomy systems of Tainui and the Linnaean classification system of the naming of flora and fauna.

**Principal Investigator**  
**Tom Roa**

### **Ngāi Te Rangi Iwi Community Action Research Project**

This was a community action research project dedicated to identifying ways to advance te reo Māori within the homes of Ngāi Te Rangi whānau. The research team worked with whānau to develop strategies for 'learning interventions' that can operate within the community and the home. The results indicate that increasing language in the home depends on more inter-whānau relationships and dynamics, and intra-personal dynamics.

**Principal Investigator**  
**Ngāreta Timutimu**

Read research project reports online at [www.maramatanga.ac.nz/research](http://www.maramatanga.ac.nz/research)



A close-up photograph of a scientist in a white lab coat performing a delicate procedure. The scientist is using a pipette to transfer liquid into a petri dish while holding tweezers. The petri dish is placed on a microscope stage. The microscope's objective lens is positioned directly above the dish. The microscope body is light-colored, and the objective lens is black with the word "OLYMPUS" and "JAPAN" printed on it. A red banner is overlaid on the upper portion of the image, containing white text.

## PRIORITY RESEARCH

Projects initiated in 2012 and the research priorities they address



# OPTIMISING MĀORI ECONOMIC PERFORMANCE

Harnessing the contribution of Māori people to New Zealand's economic development through increased and positive participation in the general economy





### **Indigenous agroecology**

Indigenous agroecology is an opportunity for mātauranga Māori to inform and generate innovation in farm practices. This project is responsive to community concerns and will record local knowledge that is rapidly disappearing to create a unique low-input farming model underpinned by indigenous knowledge, science and technology. The key outcome will be developing an economically viable multi-functional working model of agricultural stewardship.

**Principal Investigator**  
**Dr Marion Johnson**

### **An investigation into the fisheries resources and interests of iwi, hapū and marae within Tauranga Moana and the impacts caused by the grounding of the CV *Rena***

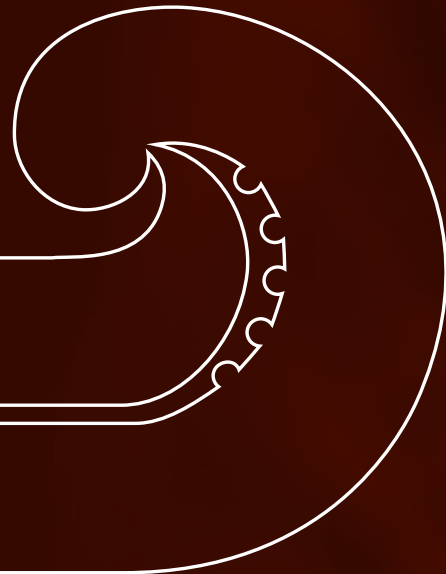
The research team is assessing the status of selected shellfish in the area, and how the grounding of the cargo vessel *Rena* has affected these fisheries and iwi ability to manage them. The *Rena* grounding highlighted to iwi the threats posed by environmental disasters to traditional fisheries. This case study will serve as an example for all iwi in regards to fisheries management and the effects caused by environmental disasters of this scale.

**Principal Investigator**  
**Associate Professor Paul Kayes**



# FOSTERING TE PĀ HARAKEKE

Understanding, achieving and maintaining healthy and prosperous families of mana and the lessons this may hold for New Zealand families overall



**Networks of support for Māori mental health:  
The response and recovery of Tangata Whaiora  
through the Ōtautahi earthquakes**

This study looks at how the recent earthquakes in Ōtautahi (Christchurch) have affected Māori mental health communities. The research team is focusing on how the support networks for Tangata Whaiora (a term applied to Māori mental health clients that translates as 'people seeking health') and their whānau responded and recovered through the disaster.

**Principal Investigator  
Dr Simon Lambert**

**Tiakina te pā harakeke: Māori childrearing  
within a context of whānau ora**

With this project, the researchers seek to share with whānau and others, knowledge about successfully raising children in ways that are grounded within tikanga Māori, and have been and continue to be, practiced for generations.

**Principal Investigator  
Dr Leonie Pihama**

**Aue ha! Māori men's relational health**

This project addresses the everyday lives and positive relationships of Māori men in the context of men's health. It will explore supportive relationships and positive social interactions among three diverse groups of Māori men: those engaged in traditional practices in their home settings; those who have migrated to an urban centre and work to maintain links back home; and those who are experiencing street homelessness.

**Principal Investigators  
Mohi Rua and Professor Darrin Hodgetts**

**Fostering te pā harakeke: Advancing healthy  
and prosperous families of mana**

This research aims to determine how whānau might flourish, including profiling the contemporary lives of Māori whānau; identifying the necessary resources (cultural, social, economic) for whānau to flourish; and assessing the challenges facing whānau in 2025. It will provide information that can be translated into action and will be especially relevant to iwi, central government, territorial authorities, local communities, services and whānau themselves.

**Principal Investigator  
Professor Sir Mason Durie**



**In pursuit of the possible: Indigenous well-  
being – a study of indigenous hope, meaning  
and transformation**

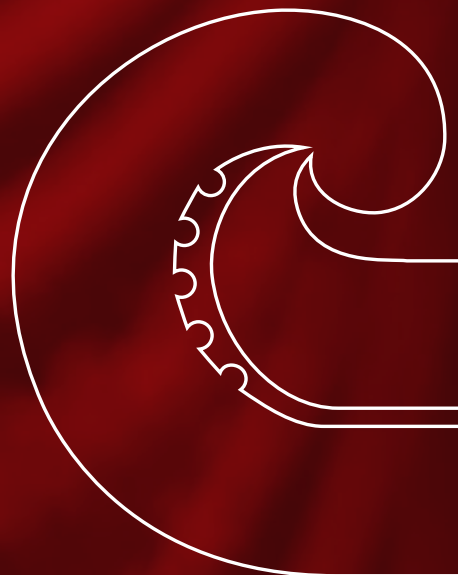
The aim of this project is to create a new tool, namely an internationally comparative model of indigenous wellbeing. To do this, the researchers will conduct an international comparative study of the conditions, strategies, catalysts and meanings that indigenous people employ to realise their aspirations for wellbeing.

**Principal Investigator  
Professor Linda Smith**



# ENHANCING MĀORI DISTINCTIVENESS

Understanding and yielding the distinctive contribution that Māori people make and may yet make to New Zealand society, culture and economy





### **Ka awatea: An iwi case study of Māori students experiencing success**

Through interviews, literature and surveys, this research is examining the multiplicity of factors that support Māori student achievement. The findings will be provided to and utilised by educators, parents and whānau.

**Principal Investigator**  
**Professor Angus Macfarlane**

### **Waka wairua: Landscape heritage and the creative potential of Māori communities**

This research will unravel heritage threads and leadership principles that connect New Zealand and Polynesia. It will explore narratives relating to entrepreneurial leaders, including the early navigators who travelled between Tahiti, Rarotonga and New Zealand. The project will also examine outstanding Māori heritage landscapes in New Zealand and their creative potential.

**Principal Investigator**  
**Associate Professor Merata Kāwharu**

### **How do we return the mauri to its pre-Rena state?**

Researchers will evaluate and monitor the environmental, social, economic and cultural impacts of the grounding of the ship *Rena* on Ōtāiti, with a particular focus on the impacted areas of Maketū, Mōtītī, and Pāpāmoa. They will incorporate an assessment of the mauri of the impacted people and their environs.

**Principal Investigator**  
**Dr Kepa Morgan**

Ngā Pae o te Māramatanga continued to support the following research programmes and projects in 2012, listed with their lead investigators:

- Te Pae Tawhiti: Te Tupunga Māori, Research Programme – Distinguished Professor Graham Smith
- Te Pae Tawhiti: Te Kura Roa, Research Programme – Associate Professors Rawinia Higgins and Poia Rewi
- Towards the New Whare Tapere: The Creative Potential of Mātauranga Māori in the Performing Arts – Professor Charles Royal
- Triangulating on the Mechanism for the Lunar Clock: Insights from the Māramataka and Science Waka – Professor Michael Walker
- Kia Areare ki ngā Reo o ngā Tīpuna: Strengthening Rongomaiwahine–Kahungunu Dialects through Archival Recordings – Dr Joe Te Rito
- Virtual Repatriation – A Database of Māori Taonga in Overseas Museums – Arapata Hakiwai
- Dietary intake and its effect on early life course, with particular focus on Māori communities – Dr Te Kani Kingi
- Devolution, Autonomy, Responsibility – Exploring the Outcomes of Indigenous Environmental Governance – Dr Daniel Hikuroa
- The Wānanga Project – Professor Charles Royal
- Computer Decision Support to Aid Sustainable Contemporary Use of Taonga Species – Dr Corey Bragg



## SHARING KNOWLEDGE

In June we hosted the **International Indigenous Development Research Conference 2012**. This saw more than 400 participants from around the world forging links and sharing knowledge over four days in Auckland. This is the 5th biennial Ngā Pae o te Māramatanga international conference, and was all-encompassing and multi-disciplinary, and welcomed indigenous scholars and allied researchers from many different research fields and nations.

Over 100 presenters took part, led by keynote speakers Associate Professor Troy A. Richardson, Associate Professor Keawe'aimoku Kaholokula, Dr Jelena Porsanger, Aroha Mead and Professor Charles Royal. Presentations ranged across the three themes of the conference

- Optimising Indigenous Economic Wellbeing
- Healthy and Thriving Indigenous Families
- Enhancing Indigenous Distinctiveness.

The presentations included individual research projects, team presentations and lively panel discussions. Also during the conference, we held the Ngā Pae o te Māramatanga research showcase which launched *MAI Journal* and six new research projects.

As the conference covered many diverse areas of scholarship, it was a rare chance for researchers from different disciplines to talk about their indigenous research within an indigenous conference setting. The research connections and partnerships made at the conference give researchers future direction, and strengthen the international indigenous research community.

Videos of the keynote presentations are posted on the Online Media Centre, and the conference proceedings were published online on our website in December 2012; the contents are listed below. Both the videos and the proceedings mean that the knowledge shared at the conference can reach a much wider community, both here and overseas.

Indigenous research has always had a strong oral tradition, from the principle of face-to-face communication to strong oral presentations of material at conferences. Our **Online Media Centre** allows this to take place virtually and ensures a permanent record of presentations that can be streamed and watched after the event. We can present our research to both expert and general audiences all over the world via the internet portal.





In 2012, five documentaries were added to the media centre along with other presentations, events and research from throughout the year (listed below). These join the rich resource of conference, symposium, seminar and event videos from previous years. The media centre has been remodelled, with easy access to all knowledge from our researchers and presenters.

Close to 200 people gathered for our **4th annual research symposium**, which focused on Enhancing Māori Distinctiveness. It was an insightful two days in Rotorua and Ngā Pae o te Māramatanga was honoured to co-host the event with Te Arawa Research Hub – Te Arawa Tangata (Te Pūmautanga o Te Arawa Charitable Trust, in association with Te Arawa Lakes Trust).

Associate Professors Poia Rewi and Rawinia Higgins, along with Erima Henare, addressed the state of and issues for Te Reo Māori; Dr Ocean Mercier and Professor Michael Walker discussed the relationship between mātauranga Māori and science; Professor Ngahuia Te Awekotuku and Wetini Mitai-Ngatai spoke about mātauranga Māori and the arts and their work in this area; and Professor Margaret Mutu and Keith Ikin addressed the fourth theme of “Ahi Kā – Creative Iwi Enterprises”. Audience interaction ensured

there were lively discussions following each session. At the symposium dinner, guests heard from Dr Toby Curtis on Te Arawa past and present. By the end of the two days, through the insightful speakers and engaged attendees, we had thoroughly explored the positive and unique contributions Māori communities make and could yet make to New Zealand’s national development and international profile. Presentations were videoed and are available to view on our Online Media Centre.

Māori and social issues research and policy needs and priorities were presented and discussed at a **national colloquium** in April with focus on the contribution research may make to address these issues. The first book in the Ngā Pae o te Māramatanga Edited Collections Series, *Māori and Social Issues*, was launched at the event. Edited by Dr Tracey McIntosh and Malcolm Mulholland, and published in collaboration with Huia Publishers, several of the authors presented at the colloquium. This Series looks at Māori research in areas that are critical for Māori and broader society. The Hon. Dr Pita Sharples was the special guest speaker and applauded the book and the researchers’ work.



During 2012 we once again ran our **Horizons of Insight Seminar Series**, holding six seminars under the general theme of Māori research methodologies. Ngā Pae o te Māramatanga researchers have made significant contributions to the creation of these research methodologies over the past 10 years, and we showcased a few examples this year. Some of the topics included – “Unique Māori Methodologies” by Dr Mere Kēpa, Dr Cherryl Smith and Dr Paul Reynolds; “Kimihia, rangahaua – Researching Māori: It’s about us, too!” – Associate Professor Linda Nikora and Dr Ngahuia Te Awekotuku; and Dr Wayne Ngata, Dr Hēmi Whaanga and Arapata Hakiwai led a discussion of new and emerging technologies to develop databases of Māori tāonga in overseas museums, the digital repatriation of tāonga and the creation of digital libraries of mātauranga Māori. As in previous years, we filmed our seminar series and these are available on the Online Media Centre for all to enjoy. [mediacentre.maramatanga.ac.nz](http://mediacentre.maramatanga.ac.nz)

Other 2012 sharing, developing and networking activities we supported included:

- Ngā Reo Irirangi Māori me Te Reo – Māori Radio and Te Reo Symposium
- Constitutional Transformation Wānanga Series and International Conference
- Foundation for Endangered Languages XVI Annual Conference: Language Endangerment in the 21st Century: Globalisation, Technology & New Media; AUT University
- Mātauranga Te Arawa – Te Arawa Research and Knowledge Development Wānanga
- Symposium: Kia tūhono ai ngā tāngata Māori e noho tāwāhi ana ki a Aotearoa? Linking overseas Māori tō New Zealand?
- Rae ki te Rae Wānanga
- He Rau Tumu Kōrero 2012 (Māori Historian’s Symposium 2012). Theme: Articulating Aotearoa
- Ngā Wai Tukukiri – Sacred Waters Conference
- Hui Kotahitanga, Pāpāwai Marae Trust.

### Videos published on our Online Media Centre in 2012:

- Hikuroa, D. (2012). *Documentary on Lake Rotoitipaku – the mauri model*. Online Media Centre, Ngā Pae o te Māramatanga.
- Kaholokula, K. (2012). Keynote: Ka wai ola: Realizing a healthy and vibrant Kānaka 'Ōiwi world. *International Indigenous Development Research Conference 2012*. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Kēpa, M., Smith, C., & Reynolds, P. (2012). Unique Māori methodologies. *Horizons of Insight Seminar Series*. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- McClutchie, J., Lehman, K., & Peters, G. (2012). *Documentary: People's media Venezuela*. Online Media Centre, Ngā Pae o te Māramatanga.
- Mead, A. (2012). Guardians and gold diggers. *International Indigenous Development Research Conference 2012*. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Morgan, K. (2012). *Documentary on whare uku*. Online Media Centre, Ngā Pae o te Māramatanga.
- Ngata, W., Whaanga, H., & Hakiwai, A. (2012). Haua atu te toki o te atahou ki te upoko o te rangi: The axe of the new dawn strikes at the sky. *Horizons of Insight Seminar Series*. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Porsanger, J. (2012). Keynote: Enhancing indigenous distinctiveness through research. *International Indigenous Development Research Conference 2012*. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Richardson, T. A. (2012). Keynote: Indigenous wellbeing as aesthetic ethical acts: Rethinking the generative sites of/ for wellbeing in contemporary indigenous knowledges. *International Indigenous Development Research Conference 2012*. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Royal, C. (2012). Opening Address: Towards a manifesto for indigenous development. *International Indigenous Development Research Conference 2012*. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Royal, C. (2012). *TVNZ Documentary on Whare Tapere*. Online Media Centre, Ngā Pae o te Māramatanga.
- Tomlins-Jahnke, H., & Gillies, A. L. A. (2012). Au e ihu! Ngā mōrehu taua: Those that are left behind must endeavour to complete the work. *Horizons of Insight Seminar Series*. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Wright, S. (2012). Energy, area and the rate of evolution. *Horizons of Insight Seminar Series*. Auckland, New Zealand: Ngā Pae o te Māramatanga.

### Papers published in the Proceedings of the International Indigenous Development Research Conference 2012, Auckland, New Zealand: Ngā Pae o te Māramatanga.

- Ataria, J., & Black, M. (2012). *The resource management Framework*.
- Ataria, J., & Parata-Takurua, R. (2012). *Te Pā o Rākahautū*.
- Austin, J., & Williams-Mozley, J. (2012). *An alternative view of mixed methods research*.
- Barrett, M., Aranga, M., Temara, T.M., & Mooney, W. (2012). *Aotearoa New Zealand*.
- Baynes, R., & Austin, J. (2012) *Indigenous knowledge in the Australian national curriculum for science*.
- Bracknell, C. (2012). *The Wirlomin Project, archives and Noongar knowledge*.

- Calabrò, D. G. (2012). *Encountering indigenous knowledge*.
- Cidro, J. (2012). *Storytelling as indigenous knowledge transmission*.
- Cleland, A., Fredericks, B., & Watson, I. (2012). *Cultural competence in indigenous Australian social work*.
- Elder, H. (2012). *I tuku iho, he tapu te upoko*.
- Gifford, H., Boulton, A., Triggs, S., & Cunningham, G. (2012). *Tipping the balance*.
- Kēpa, M., Kerse, N., & Dyall, L. (2012). *Te puāwaitanga o ngā tapuwae kia ora tonu*.
- Kēpa, M. and Muru-Lanning, M. (2012). *Developing re-search in mātauranga te mate Māori*.
- Kerins, S. (2012). *Building from the bottom-up*.
- Kilgour, J.T., Jamieson, L. Cidro, J., Lawrence, H.P., Broughton, J.R., Tiakiwai, S.T.,... Smith-Wilkinson, A. (2012). *Community partnerships as research methodology*.
- Kolawole, O. D, Ngwenya, B., Mmopelwa, G., & Wolski, P. (2012). *Reading the weather*.
- Lambert, S. (2012). *Innovation, Māori and the Māori economy*.
- Lambert, S., & Mark-Shadbolt, M. (2012). *Māori experiences and expressions of leadership through the Christchurch Ōtautahi earthquakes*.
- Lambert, S., Mark-Shadbolt, M., Ataria, J., & Black, A. (2012). *Indigenous resilience through urban disaster*.
- Lester-Smith, D. (2012). *Eagle on a lamp post*.
- Lipe, D. (2012). *The need for diverse perspectives in science*.
- Lipe, K. (2012). *Living into its kuleana*.
- Manitowabi, S. (2012). *Building excellent indigenous research capacity through the use of a culturally appropriate evaluation method*.
- McDonald, M., & Kēpa, M. (2012). *He Kāhui Ruahine*.
- Neckoway, R., Brownlee, K., & Halverson, G. (2012). *Understanding dual relationships in First Nation communities*.
- Newcity, M. (2012). *Legal protection of traditional knowledge and cultural expression in Eastern Europe*.
- Olsen-Reeder, V., & Higgins, R. (2012). *Te Kōhanga Reo and Te Ataarangi*.
- Palmer, P. (2012). *Developing new strategies for Māori housing*.
- Radu, I., & Larry, H. (2012). *Miyupimaatisiun in Eeyou Istchee*.
- Ruckstuhl, K., & Wright, J. (2012). *Māori language modelling*.
- Sakamoto, H. (2012). *Kapa haka and its educational meanings in today's Aotearoa New Zealand*.
- Shirt, M., Lewis, K., & Jackson, W. (2012). *Cree ontology, epistemology and axiology research*.
- Walker, D.P. (2012). *Developing a culturally based environmental monitoring and assessment tool for New Zealand indigenous forests*.
- Walker, M., Fredericks, B., & Anderson, D. (2012). *Understanding indigenous Australian women's social and emotional wellbeing and wellness through yarning*.
- Wilkie, M. (2012). *My MAI*.
- Wyld, F. (2012). *Knowing the state we're in*.
- Zehadul Karim A. H. M. (2012). *Santal religiosity and the impact of conversion*.



## GLOBAL RESEARCH DISSEMINATION

*AlterNative: An International Journal of Indigenous Peoples* published four issues comprising Volume 8 in 2012. It was founded by Ngā Pae o te Māramatanga to address a need in the international indigenous scholarly community. Academics and researchers must publish their work to prosper, but many western academic journals do not value indigenous research undertaken on indigenous and cultural principles. This research stands equal to the scholarship of the western academy, but needed a vehicle to allow it to enter the international scholarly conversation and to enable it to be judged by peer review on its own terms as well as those of the mainstream.

*AlterNative* is Ngā Pae o te Māramatanga's answer to this challenge. Each article is peer reviewed, satisfying this tenet of academic excellence. We aim to have all articles reviewed by an indigenous reviewer from within the same group or peoples as the writer or topic under consideration, and all papers are reviewed by at least one indigenous academic and by an international-level expert in the field. We also solicit reviews from non-indigenous or mainstream academic scholars, ensuring the excellence of the published article on both indigenous and western terms. The profile of *AlterNative* continues to grow here and overseas.

We published a themed issue on Nicaragua's Caribbean Coast, and three general issues, containing 21 articles on a wide range of varied international topics (listed below). Quarterly publication fulfils a need in the indigenous research community – giving our researchers a strong voice in the international scholarly conversation.

[www.alternative.ac.nz](http://www.alternative.ac.nz)

In 2012 we launched *MAI Journal: A New Zealand Journal of Indigenous Scholarship*, which evolved from *MAI Review*. *MAI Journal* follows the review process of *AlterNative*, reviewing all papers by at least one indigenous academic reviewer and by an international expert in the field. This year we have published two online free to access issues, and all papers are listed below.

*MAI Journal* publishes multidisciplinary peer-reviewed articles around indigenous knowledge and development in the context of Aotearoa New Zealand. *MAI Journal* recognises that indigenous knowledge is dynamic, and welcomes papers that critically analyse and address all indigenous issues in the context of Aotearoa New Zealand. We aim to publish scholarly articles that substantively engage with indigenous intellectual work.

[www.journal.mai.ac.nz](http://www.journal.mai.ac.nz)

In 2012 we have continued to expand our website into a full repository of research from the past 10 years. End of contract research reports have been added to each project page, and all our past and present research projects have a summary and an ever-growing list of links to outputs and outcomes on their own page. All research reports published in 2012 are listed in the outputs at the end of this report. To browse through this collection of research online, visit [www.maramatanga.ac.nz/research](http://www.maramatanga.ac.nz/research)

**Pūkenga Tukutuku**, our online database of Māori and indigenous scholars continued to grow in 2012. All Ngā Pae o te Māramatanga researchers have a profile, as well as many other Māori and indigenous scholars. This remains a platform to enable scholars to connect and communicate with each other and with iwi, facilitating mutual support and learning. Our now revamped website asks scholars to register, providing their expertise in specific areas, their willingness to provide mentoring and other forms of support, their research interests or activities and other relevant biographical information. Through the portal, scholars can also sign up to be part of the MAI Scholar listserv. [scholar.mai.ac.nz](http://scholar.mai.ac.nz)

We keep in touch with our network, both international and domestic, through many forms of communications such as our quarterly newsletter which is available online and in print, and went through a redesign in 2012. Our social media presence continues to grow, with Facebook pages for Ngā Pae o te Māramatanga, *AlterNative* and *MAI Journal*.

## Journals and articles published by Ngā Pae o te Māramatanga

### **AlterNative: An International Journal of Indigenous Peoples**

Ngā Pae o te Māramatanga. (2012). *AlterNative: An International Journal for Indigenous Peoples*. Auckland, New Zealand, 8(1).

Ngā Pae o te Māramatanga. (2012). *AlterNative: An International Journal for Indigenous Peoples*. Auckland, New Zealand, 8(2).

Ngā Pae o te Māramatanga. (2012). *AlterNative: An International Journal for Indigenous Peoples*. Auckland, New Zealand, 8(3).

Ngā Pae o te Māramatanga. (2012). *AlterNative: An International Journal for Indigenous Peoples*. Auckland, New Zealand, 8(4).

Andrae-Marobela, K., Okatch, H., Masizana-Katongo, A., Ngwenya, B. N., & Monyatsi, K. N. (2012). The Dialectics of indigenous knowledge: Community views from Botswana. *AlterNative: An International Journal of Indigenous Peoples* 8(2), 148-162.

Bowers, K. (2012). An indigenous human ecology discussing issues of conflict, peace and relational sustainability. *AlterNative: An International Journal of Indigenous Peoples* 8(3), 290-304.

El-Gack, N. (2012). Development and indigenous systems: Lessons from North Kordofan, Sudan. *AlterNative: An International Journal of Indigenous Peoples* 8(1), 99-112.

Gagnon, J. P. (2012). Huron socialism: A new political system. *AlterNative: An International Journal of Indigenous Peoples* 8(2), 115-127.

Gehl, L. (2012). Debwewin journey: A methodology and model of knowing. *AlterNative: An International Journal of Indigenous Peoples* 8(1), 53-65.

Hokowhitu, W. (2012). He Pukoa Kani'Āina: Kanaka Maoli approaches to mo'okū'auhau as methodology. *AlterNative: An International Journal of Indigenous Peoples* 8(2), 137-147.

Hunkin, G. A. (2012). 'To Let Die' The state of the Samoan language in New Zealand. *AlterNative: An International Journal of Indigenous Peoples* 8(2), 203-214.

Jacobson-Konefall, J. (2012). Digital modalities of sited memory: Athavale and Blackhorse's animated territories. *AlterNative: An International Journal of Indigenous Peoples* 8(3), 264-276.

Keegan, T. T., & Evas. J. (2012). Nudge! Normalizing the use of minority language ICT interfaces. *AlterNative: An International Journal of Indigenous Peoples* 8(1), 42.

Kidman, J. (2012). The Land Remains: Māori youth and the politics of belonging. *AlterNative: An International Journal of Indigenous Peoples* 8(2), 189-202.

Lau, P., Pyett, P., Burchill, M., Furler, J., Tynan, M., Kelaher, M., & Siaw-Teng, L. (2012). Factors influencing access to urban general practices and primary health care by Aboriginal Australians—A qualitative study. *AlterNative: An International Journal of Indigenous Peoples* 8(1), 66-84.

Lawford, K., & Giles, A. (2012). An analysis of the evacuation policy for pregnant First Nations women in Canada. *AlterNative: An International Journal of Indigenous Peoples* 8(3), 329-342.

- Lee, L. L. (2012). Gender, Navajo leadership and “retrospective falsification”. *AlterNative: An International Journal of Indigenous Peoples* 8(3), 277.
- Maher, M. (2012). Teacher education with Indigenous ways of knowing, being and doing as a key pillar. *AlterNative: An International Journal of Indigenous Peoples* 8(3), 343-356.
- McGavock, Z., Moewaka Barnes, H., & McCreanor, T. (2012). Māori and Pain: A literature review. *AlterNative: An International Journal of Indigenous Peoples* 8(2), 163-175.
- Meo-Sewabu, L., & Walsh-Tapiata, W. (2012). Global declaration and village discourses: Social policy and indigenous wellbeing. *AlterNative: An International Journal of Indigenous Peoples* 8(3), 305-317.
- Muru-Lanning, M. (2012). The key actors of Waikato River co-governance: Situational analysis at work. *AlterNative: An International Journal of Indigenous Peoples* 8(2), 128.
- Neeganagwedgin, E. (2012). “Chattling the indigenous other”: A historical examination of the enslavement of Aboriginal peoples in Canada. *AlterNative: An International Journal of Indigenous Peoples* 8(1), 15-26.
- Pack, S. (2012). What is a real Indian? The interminable debate of cultural authenticity. *AlterNative: An International Journal of Indigenous Peoples* 8(2), 176-188.
- Pansiri, N. O. (2012). Ethnocultural identities and school retention: The case of rural ethnic minorities in Botswana. *AlterNative: An International Journal of Indigenous Peoples* 8(3), 239-252.
- Paul, D., Hill, S., & Ewen, S. (2012). Revealing the (in) competency of “cultural competency” in medical education. *AlterNative: An International Journal of Indigenous Peoples* 8(3), 318-329.
- Prue, D., & Devine, K. (2012). Isomorphism and organizational culture: A First Nation's housing initiative. *AlterNative: An International Journal of Indigenous Peoples* 8(3), 253-263.
- Ray, L. (2012). Deciphering The “indigenous” in indigenous methodologies. *AlterNative: An International Journal of Indigenous Peoples* 8(1), 85-98.
- Sablin, I. (2012). Written oral history: Dimensions of identity of Chukotka's indigenous people in the works of Rytkeu. *AlterNative: An International Journal of Indigenous Peoples* 8(1), 27-41.
- von der Porten, S. (2012). Canadian indigenous governance literature: A review. *AlterNative: An International Journal of Indigenous Peoples* 8(1), 1-14.
- Voyde, E., & Morgan, T. K. K. (2012). Identifying commonalities between indigenous values and current sustainable design concepts in Aotearoa New Zealand. *AlterNative: An International Journal of Indigenous Peoples* 8(2), 215-229.
- Fredericks, B., Walker, M., Peacock, C., Duthie, D., & Best, O. (2012). Our reflections on identity, gender and transforming action: A lesson from place. *MAI Journal* 1(1), 76-85.
- Hutchings, J., Tipene, P., Carney, G., Greensill, A., Skelton, P., & Baker, M. (2012). Hua parakore: an indigenous food sovereignty initiative and hallmark of excellence for food and product production. *MAI Journal* 1(2), 131-145.
- Karena, R. D. W. (2012). Takitoru: From parallel to partnership: A ritual of engagement based on Te Tiriti o Waitangi for implementing safe cultural practice in Māori counselling and social science. *MAI Journal* 1(1), 61-75.
- Malcolm-Buchanan, V., Awekotuku, N. T., & Nikora, L. W. (2012). Cloaked in life and death: Korowai, kaitiaki and tangihanga. *MAI Journal* 1(1), 50-60.
- Mercier, O. R., Stevens, N., & Toia, A. (2012). Mātauranga Māori and the data-information-knowledge-wisdom hierarchy: A conversation on interfacing knowledge systems. *MAI Journal* 1(2), 103-116.
- Nairn, R., Barnes, A. M., Borell, B., Rankine, J., Gregory, A., & McCreanor, T. (2012). Māori news is bad news: That's certainly so on television. *MAI Journal* 1(1), 38-49.
- Skerrett, M. (2012). Commentary: Deterritorialising geopolitical spaces and challenging neoliberal conditions through language revernacularisation in kōhanga reo. *MAI Journal* 1(2), 146-153.
- Tocker, K. (2012). Hei oranga Māori i te ao hurihuri nei: Living as Māori in the world today – An outcome of kura kaupapa Māori. *MAI Journal* 1(1), 15-28.
- Williams, J. (2012). Ngāi Tahu kaitiakitanga. *MAI Journal* 1(2), 89-102.
- Winitana, M. (2012). Remembering the deeds of Māui: What messages are in the tuakana –teina pedagogy for tertiary educators? *MAI Journal* 1(1), 29-37.
- Woolford-Roa, B. (2012). The long dark cloud of racial inequality and historiographical omissions: The New Zealand Native Land Court. *MAI Journal* 1(1), 3-14.

### Newsletters

- Ngā Pae o te Māramatanga. (2012). *Te Pūwānanga* (Newsletter). Issue Ngahuru, Autumn 2012.
- Ngā Pae o te Māramatanga. (2012). *Te Pūwānanga* (Newsletter). Issue Takurua, Winter 2012.
- Ngā Pae o te Māramatanga. (2012). *Te Pūwānanga* (Newsletter). Issue Kōanga, Spring 2012.
- Ngā Pae o te Māramatanga. (2012). *Te Pūwānanga* (Newsletter). Issue Raumatī, Summer 2012.

### MAI Journal: A New Zealand Journal of Indigenous Scholarship

Ngā Pae o te Māramatanga. (2012). *MAI Journal: A New Zealand Journal of Indigenous Scholarship*. Auckland, New Zealand, 1(1).

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Dick, J., Stephenson, J., Kirikiri, R., Moller, H., & Turner, R. (2012). Listening to the kaitiaki: consequences of the loss of abundance and biodiversity of coastal ecosystems in Aotearoa New Zealand. *MAI Journal* 1(2), 117-130.



## SUPPORTING EMERGING SCHOLARS

Ngā Pae o te Māramatanga nurtures future scholars in a number of different ways.

Our **Māori and Indigenous (MAI) programme**, for the enhancement of Māori and indigenous post-graduate students throughout Aotearoa New Zealand, continued strongly in 2012 with 753 students in the MAI programme around the country. We renewed contracts, emphasis and objectives with our national network of ten key sites which run until 2014.

MAI is a support and mentoring programme for postgraduate students, and each site has a well-developed programme of activities to assist our emerging scholars and researchers, including courses, seminars, lectures, conferences, wānanga/retreats and workshops that are specifically designed for pre-doctoral through to post-doctoral levels and beyond. Every year there is a MAI Doctoral Conference, bringing the sites together. In 2012 this was held in Christchurch, hosted by MAI ki Ōtautahi – Lincoln. These conferences are an opportunity for emerging Māori scholars to present papers in a supportive forum, and meet with other doctoral candidates and established academics.

We also supported PhD students (three of whom went on to submit their doctorates in 2012), through doctoral bridging grants and scholarships, and through the Research Methods and Skills Scholarships. They were:

- Dara Dimitrov, University of Waikato
- Suzanne Duncan, University of Otago
- Moana Eruera, Te Whare Wānanga o Awanuiārangī
- Kirsten Gabel, Waikato University
- Donna Ngaronoa Gardiner, Te Whare Wānanga o Awanuiārangī
- Hauiti Hakopa, University of Otago
- Paora Mato, University of Waikato
- Dennis Ngāwhare-Pounamu, Victoria University of Wellington
- Wahineata Smith, AUT University
- Jani Wilson, The University of Auckland
- Mei Winitana, Te Whare Wānanga o Awanuiārangī.



But it is not only doctoral students we support, with a wide range of pre-doctoral assistance available too. In 2012 our 12 pre-doctoral summer internships (listed below) were carried out across a wide range of discipline areas and geographical locations. We awarded a further 10 internships for the 2012-2013 summer. Seven (in addition to four PhD students listed above) researchers and tertiary students received Research Methods and Skills Scholarships via the New Zealand Social Statistics Network to attend the summer programme at Victoria University, Wellington in February 2012.

Research summer 2012 internships:

- Jesse Pirini, AUT University, worked on the project “The PATH Planning Tool and its Potential for Whānau Research” with supervisor Kataraina Pipi
- Joshua Tahana, The University Of Auckland, “Phonological Development in Māori Speaking Preschoolers”, Dr Elaine Ballard
- Raaniera Te Whata, University of Otago, “Transformations of Entrepreneurial Tribal Māori Leadership”, Associate Professor Merata Kāwharu
- Tara Pinehuia Mauriohoho Dalley, University of Waikato, “Reo Māori ki ngā Rorohiko o te Kura”, Dr Te Taka Keegan
- Ani A Kainamu, The University of Auckland, “Ōkahu Bay Restoration Project”, Dr Dan Hikuroa
- Nimbus Staniland, AUT University, “Ways of Being Māori Updated: Characteristics, Attitudes and Behaviours of Urban Māori”, Professor Charles Crothers
- Manaia Rehu, The University of Auckland, “Scoping study of the impacts of fracking on indigenous reservations in Alberta using the Mauri Model decision making framework”, Dr Kepa Morgan
- Karyn Marama Andersen, Lincoln University, “Māori networks and the Ōtautahi Earthquakes: Their Role and Future Prospects”, Dr Simon Lambert
- Ataria Rangipikitia Sharman, Victoria University of Wellington, “Blue Economy Aotearoa”, Dr Maria Bargh
- Elizabeth Jurisich Strickett, Victoria University of Wellington, “Marginalising Māori Parents”, Associate Professor Helen Moewaka Barnes
- Sarsha Douglas, Massey University, “Publishing the Te Kawa a Māui Student-Built Atlas”, Dr Ocean Mercier and Associate Professor Peter Addis
- Maria Williams, Victoria University of Wellington, “Good-practice Guidelines for Supervising Māori Postgraduate Students”, Meegan Hall.



## INTERNATIONAL COLLABORATIONS

As well as hosting the International Indigenous Development Research Conference, we were delighted to support another international speaker event. Ngā Pae o te Māramatanga co-hosted with Te Puna Wānanga, The University of Auckland's School of Māori Education, a well-attended public seminar on historical trauma research given by **Dr Eduardo Duran** and **Professor Karina Walters**. Dr Duran, a leading expert on clinical and research work dealing with the impacts of historical trauma, talked about his experiences as a practicing clinical psychologist in Indian country for several decades. He also touched on historical trauma in New Zealand. Professor Walters, based at the University of Washington and the founder and Director of the Indigenous Wellness Research Institute, spoke about what historical trauma is and gave a moving account of re-tracing her own Choctaw Nation's Trail of Tears journey.



Our partnership with Fulbright continues to help New Zealand scholars advance their research by travelling to the US. The 2012 recipient of the Fulbright-Ngā Pae o te Māramatanga Graduate Award **Renee Wikaire** is completing a PhD in education, specialising in indigenous development through sport, at Florida State University. Renee has a passion for ngā taonga tākaro and believes a synthesis of health science, humanities and mātauranga Māori can help improve health statistics for Māori. In 2012 two Fulbright-Ngā Pae o te Māramatanga Scholar Awards were given – **Eruera Prendergast-Tarena** from Te Rūnanga o Ngāi Tahu will research the features and mechanisms of contemporary indigenous organisation design, at Arizona State University in Tempe, Arizona and the University of Hawai'i at Mānoa in Honolulu. **Veronica Tawhai** from Massey University Manawatu is researching indigenous political educators' assessments of the transformative potential of citizenship education, at the Center for World Indigenous Studies in Olympia,



Washington. **Dr Lynne Russell** from Victoria University of Wellington, **Dr Melinda Webber** (left) from The University of Auckland and **Dr Nicholas Roskrige**, Massey University, were awarded Fulbright-Ngā Pae o te Māramatanga Awards in 2012 to travel in 2013.



Our **International Research Advisory Panel (IRAP)** held their annual meeting at Waipapa Marae in June. The IRAP is made up of international (including Associate Professor Harald Gaski, pictured) and New Zealand scholars, and reviews and provides independent opinion on the quality of our research and Centre activities. Some of our researchers presented their work which was of great interest to the panel, who also reported to the Director on international aspects of our progress and direction. IRAP provided some fixed recommendations and direction to the Centre to strengthen its position and highlight the impact and contribution of the Centre and its research to our communities. The IRAP members are listed on p 36.



Five Māori students got the chance of a lifetime when they attended the Asian Science Camp held in Jerusalem in August 2012. The group selected to represent New Zealand were supported by Ngā Pae o te Māramatanga and the Maurice Wilkins Centre. **Leighton Watson, Awhina Hona, Michael McLeod, Molly Anderson, and Hanareia Ehau-Taumaunu**, who are studying at The University of Auckland, joined nearly 300 other top young minds from 22 other Asian and Pacific countries. The Camp featured talks and workshops led by Nobel Prize Winners from around the world and 30 Israeli scientists, who are among the most senior leaders of their fields. The Camp aims to enlighten science talented youths through discussion and dialogue with top scholars in the world, and to promote international friendship and cooperation among the best young students of the next generation in Asia, Australia, New Zealand and Oceania. This was the first delegation we had supported to go to the Camp, and was supervised by Michael Steedman, Kaiarāhi for the University's Faculty of Science. The learning in research and science experience was coupled with important cultural exposure for some of our delegation – with the New Zealand delegation providing an important distinctive contribution of our young Māori talent. The group was a pilot, and due to its success, we may support more students to attend the next camp in 2013.

Ngā Pae o te Māramatanga supported a further 14 scholars to present their research on a world stage and meet, collaborate and network with international researchers during 2012:

- **Jesse Pirini**, AUT University, The RC33 8<sup>th</sup> International Conference on Social Science Methodology, 9–13 July 2012, Sydney, Australia
- **Dr Te Oti Rakena**, The University of Auckland, Performance Studies International #18: Performance: Culture: Industry, 27 June–1 July 2012, Leeds, UK
- **Ella Myftari**, University of Otago, 13th Biennial Conference of the European Association for Research on Adolescence, 28 August–1 September 2012, Spetes, Greece
- **Cat Ruka**, Manukau Institute of Technology, Performance Studies International #18: Performance: Culture: Industry, 27 June–1 July 2012, Leeds, UK
- **Tania Slater**, Massey University, The Union for International Cancer Control (UICC) World Cancer Congress, 27–30 August 2012, Montréal, Canada
- **Justine Camp**, Otago Polytechnic, The International Network of Indigenous Health Knowledge and Development (INIHKD) Conference 2012, 24–28 September 2012, Brisbane, Australia
- **Tia Neha**, University of Otago, International Association of Cross Cultural Psychology (IACCP) 21st Congress, 17–21 July 2012, Stellenbosch, South Africa
- **Ani Cumming-Ruwhiu**, Massey University, RC33 8<sup>th</sup> international Conference on Social Science Methodology, 9–13 July 2012, Sydney, Australia
- **Erena Wikaire**, University of Auckland, AMEE 2012: The Continuum of Education in the Healthcare Professions, 25–29 August 2012 at the Association for Medical Education in Europe (AMEE), Lyon, France
- **Dr Marewa Glover**, The University of Auckland, XIV Annual Meeting of the SRNT Europe, 30 August–2 September 2012 at the SRNT-E (Society for Research on Nicotine and Tobacco – Europe), Helsinki, Finland
- **Julie Wharewera-Mika**, The University of Auckland, 5th Biennial International Network of Indigenous Health Knowledge and Development (INIHKD) conference 2012, 24–28 September 2012, Brisbane, Australia
- **Mei Winitana**, Te Whare Wānanga o Awanuiārangī, International Indigenous Development Research Conference 2012, 28–30 June 2012, Auckland, New Zealand
- **Patricia Wallace**, University of Canterbury, Pasold Research Fund Conference 2012, 27–29 September 2012, Stockholm, Sweden
- **Dr David Tipene-Leach**, University of Otago, 2012 International Conference on Stillbirths, SIDS and Infant Survival, 5–7 October 2012 at the International Stillbirth Alliance and the International Society for the Prevention of Infant Death, Baltimore MD, USA.

## BOARD OF DIRECTORS



### **Sir Tīpene O'Regan**

*Ngāi Tahu, Chairman*

Sir Tīpene is the former Chair of the Ngāi Tahu Māori Trust Board, Ngāi Tahu Holdings Corporation, Māwhera Incorporation, Te Ohu Kai Moana, the Sealord Group Ltd and Deputy Chair of Transit New Zealand. He is a previous director of Television New Zealand, Meridian Energy and the founding Chair of Te Tapuae o Rehua Ltd. Sir Tīpene is a Fellow of The University of Auckland, Adjunct Professor at Ngāi Tahu Research Centre, University of Canterbury, and holds honorary doctorates from University of Canterbury, Lincoln University and Victoria University of Wellington. He is a Distinguished Fellow of the Institute of Directors. He is joint chair of the Constitutional Advisory Panel convened by the New Zealand Government.

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### **Associate Professor Jan Crosthwaite**

Associate Professor Crosthwaite is Dean of Arts at The University of Auckland. Holding a PhD in Philosophy, her teaching and research interests include bioethics, feminism, applied ethics and social philosophy. At The University of Auckland, she has served on the Academic Programmes Committee, the Teaching and Learning Quality Committee, the Board of Studies for General Education, the Curriculum Commission, and the University Council.

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### **Distinguished Professor Jane Harding**

A paediatrician specialising in newborn intensive care, Professor Harding is Deputy Vice Chancellor (Research) and Professor of Neonatology at The University of Auckland. An international authority on fetal growth, she has served on the Health Research Council of New Zealand, the National Health and Medical Research Council of Australia, the Royal Australasian College of Physicians, and the Council of the International Society for the Developmental Origins of Health and Disease. A Fellow of the Royal Society of New Zealand, Professor Harding was made an Officer of the New Zealand Order of Merit in 2002.

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### **Ms Traci Houpapa – new 2012**

*Waikato Maniapoto, Taranaki, Tūwharetoa*

Ms Houpapa is the Chairman of the Federation of Māori Authorities (FoMA), and the Tainui Executive Committee member. She is the first woman to lead FoMA since its establishment in 1987. She is a partner with THS & Associates Ltd. She holds many director and ministerial appointments, including Landcorp Farming Ltd, Strada Corporation, Pemberton Construction Limited, the National Advisory Council of Employment for Women, the Rural Broadband Initiative Advisory Committee, the Global Strategic Initiatives Expert Advisory Committee, and Te Uranga B2 Incorporation. She is a Member of the Order of New Zealand.



**Associate Professor Pare Keiha – new 2012**

*Tūranga (Gisborne), Whānau-a-Taupara hapū of Te Aitanga-a-Māhaki, and Rongowhakaata*

Associate Professor Pare Keiha is the Pro Vice Chancellor for Māori Advancement, Pro Vice Chancellor for Learning and Teaching and Dean of Te Ara Poutama, the Faculty of Māori Development, at AUT University. He was a member of the Foundation for Research, Science and Technology's Board, and past directorships include the Legal Services Agency, Waitematā District Health Board, Metrowater Ltd, Port Gisborne Ltd, the Energy Efficiency and Conservation Authority and the Royal Society for the Encouragement of Arts and Manufactures Australia + New Zealand. He is chair of the Mika Haka Foundation. In 2008 he was made a Companion of the Queen's Service Order.

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**Professor Hirini Matunga**

*Ngāi Tahu, Ngāti Porou, Ngāti Kahungunu, Rongowhakaata, Ngāti Paerangi (Atiu, Cook Islands)*

Professor Matunga is Assistant Vice Chancellor (Māori and Pacifica) and Professor of Indigenous Planning at Lincoln University. He is the former Director of Lincoln University's Centre for Māori and Indigenous Planning and Development; former Associate Director of the Centre for Māori Studies and Research, Lincoln University; past Convenor of the Indigenous Peoples Executive of the World Archaeological Congress, and was a Trustee on the Tautuku Waikawa Māori Lands Trust.

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**Mrs Alison Paterson – tenure ended June 2012**

Mrs Paterson is chair of BPAC NZ Ltd, Ambulance NZ Oversight Committee, Gravida (The University of Auckland), Stevenson Agriculture Ltd and Farm IQ. She is a fellow of The University of Auckland and Pro Chancellor of Massey University Council. She is on the Board of Abano Healthcare Ltd and Vector Ltd. She was previously chairman of Landcorp Ltd, Metrowater Ltd, Waitemata Health Ltd and DHBNZ, Deputy Chair and Director of the Reserve Bank and Health Waikato Ltd and a Barnardos councillor. She holds an Honorary Doctorate of Commerce from Massey University and is a Distinguished Accredited Fellow of the Institute of Directors.

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**Mr Jim Peters**

*Ngāti Wai, Ngāti Hine and Ngā Puhi*

Mr Peters is Pro Vice-Chancellor (Māori) at The University of Auckland. He is on the board of Gravida (The University of Auckland). In the past he has been Chair of the Northland Regional Council and served on the National Council of Local Government New Zealand and the Animal Health Board Members' Committee. He was Head of Department of History, Geography and Social Studies at Mt Albert Grammar School and Principal of Northland College in Kaikohe. Mr Peters was elected to Parliament representing the New Zealand First Party from 2002–2005.



**Mr Mike Stevens** – resigned 2012

*Ngāti Raukawa, Ngāti Kauwhata*

Mr Stevens is a former member of the New Zealand Universities Academic Audit Unit and has been an advisor to the Foundation for Research, Science and Technology. He has held a variety of senior public and private sector positions and runs his own consulting company, Taiaho Limited. In 2012 he was appointed CEO, Te Rūnanga Nui o Te Aupōuri.

### International Research Advisory Panel

**Professor Sir Mason Durie**

(Ngāti Kauwhata, Ngāti Raukawa, Rangitāne)  
Deputy Vice-Chancellor and Assistant Vice-Chancellor (Māori and Pasifika) at Massey University, New Zealand

**Associate Professor Harald Gaski**

(Sámi)  
University of Tromsø, Norway

**Professor Martin Nakata**

(Torres Strait Islander)  
University of New South Wales, Australia

**Professor Greg Cajete**

(Tewa, Santa Clara Pueblo)  
University of New Mexico, United States

**Professor Karina Walters**

(Choctaw)  
Director, Indigenous Wellness Research Institute, University of Washington School of Social Work

**Dr Maris O'Rourke**

Former Director of Education, The World Bank and former CE Ministry of Education

### Research Committee

**Professor Charles Royal** (Chair)

Director, Ngā Pae o te Māramatanga

**Dr Dan Hikuroa** (Deputy Chair)

Research Director, Ngā Pae o te Māramatanga

*Members*

**Professor Patricia Johnston**, Head of School of Indigenous Graduate Studies, Te Whare Wānanga o Awanuiārangi

**Dr Joanna Kidman**, Co-director of He Pārekereke, School of Education, Victoria University of Wellington

**Dr Te Kani Kingi**, Director of Te Mata o Te Tau, the Academy for Māori Research and Scholarship, Massey University

**Dr Kepa Morgan**, Senior Lecturer, Department of Civil and Environmental Engineering, The University of Auckland

**Associate Professor Linda Waimarie Nikora**, Department of Psychology, University of Waikato

**Associate Professor Nin Tomas**, Faculty of Law, The University of Auckland

# OUR PEOPLE

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Professor Charles  
Te Ahukaramū Royal  
Director



Daniel Patrick  
Executive Director



Dr Daniel Hikuroa  
Research Director

### Research Team



Dr Joseph Te Rito  
Senior Research Fellow –  
Indigenous Development



Dr Marilyn Tangi  
Ina McPherson  
Senior Research  
Fellow – Research  
Performance and Policy



Eamon Nathan  
Research Programme  
Coordinator



Donna Gardiner  
Research and Community  
Coordinator

### Business Team



Marie-Chanel Berghan  
Business Manager



Premika Sirisena  
Centre Coordinator



Jane Rangiwahia  
Grants and Executive  
Coordinator



Honorine Franswah  
Centre Administrator

# OUR PEOPLE

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Publications and  
Communications Manager



Dr Katharina Bauer  
Journal and Publications  
Coordinator



Kimiora Brown  
Journal and Publications  
Coordinator



Gretchen Carroll  
Communications  
Coordinator

## Systems Development Team



Dr Tim West-Newman  
Systems Development  
Manager



Josie McClutchie  
Production Coordinator  
– AV



2012 Principal Investigators



Dr Corey Bragg  
University of Otago



Professor Sir Mason Durie  
Massey University

PHOTO: MASSEY UNIVERSITY



Arapata Hakiwai  
Museum of New Zealand  
Te Papa Tongarewa



Associate Professor Rawinia  
Higgins, Victoria University  
of Wellington



Dr Daniel Hikuroa  
Ngā Pae o te  
Māramatanga



Professor Darrin Hodgetts  
University of Waikato



Dr Marion Johnson  
University of Otago



Associate Professor  
Mereta Kāwharu  
The University of Auckland



Associate Professor  
Paul Kayes, Te Wānanga  
o Awanuiārangi



Dr Te Kani Kingi  
Massey University



Dr Simon Lambert  
Lincoln University



Professor Angus Macfarlane  
The University of  
Canterbury



Dr Kepa Morgan  
The University  
of Auckland



Dr Wayne Ngata  
Tairāwhiti Polytechnic  
Eastern Institute of  
Technology



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University of Otago



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Mohi Rua  
University of Waikato



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Te Whare Wānanga  
o Awanuiārangi



Professor Linda Smith  
University of Waikato



Dr Joseph Te Rito  
Ngā Pae o te  
Māramatanga



Ngāreta Timutimu  
Te Whare Wānanga  
o Awanuiārangi



Associate Professor  
Huia Tomlins-Jahnke  
Massey University



Professor Mike Walker  
The University  
of Auckland



Dr Hēmi Whaanga  
University of Waikato

## PARTICIPATING RESEARCH ENTITIES IN NGĀ PAE O TE MĀRAMATANGA

Ngā Pae o te Māramatanga is a national network of institutions, covering multiple disciplines and communities. Our research partners are essential to our success. We have sixteen partner entities:



AUT University

Auckland War Memorial Museum

Lincoln University

Manaaki Whenua Landcare Research

Massey University

Te Papa Tongarewa

Te Tapuae o Rēhua

Te Taihū o Ngā Wānanga

Te Whare Wānanga o Awanuiārangī

Te Wānanga o Aotearoa

The University of Auckland acting through  
Te Wānanga o Waipapa

The University of Canterbury

The University of Otago acting through  
the Eru Pōmare Māori Health Research Centre

The University of Waikato acting through  
its Māori Education Research Institute

Victoria University Wellington acting through  
He Pārekereke: The Institute for Research  
and Development in Education; and the Māori  
Business unit, School of Management

Waikato Raupatu Lands Trust acting through  
Waikato-Tainui College for Research and  
Development



FINANCIAL STATEMENTS

## Statement of Income and Expenditure for the year ended 31 December 2012

		Notes	Actual 2012 12 Months \$	Actual 2011 12 Months \$
<b>Operating income</b>				
	Tertiary Education Commission grant receipts	2b	5,388,701	5,360,576
	Change in year end research obligations	1c, 2c	1,051,698	740,099
	Tertiary Education Commission grant income		6,440,399	6,100,675
	Other grant receipts	5	0	22,320
	Change in year end research obligations	3	0	(62,674)
	Net other grant income		0	(40,354)
<b>Total operating income</b>			<b>6,440,399</b>	<b>6,060,321</b>
<b>Expenditure</b>				
	Salary and salary-related costs		1,441,226	1,406,855
	Overheads	6	570,511	585,247
	Other operating costs		592,672	755,831
	Subcontractors	7	3,826,914	3,311,629
	Equipment rental		9,076	759
<b>Total operating expenditure</b>			<b>6,440,399</b>	<b>6,060,321</b>
<b>Net surplus / (deficit)</b>			<b>0</b>	<b>0</b>

# FINANCIAL STATEMENTS

Ngā Pae o te Māramatanga  
New Zealand's Indigenous Centre of Research Excellence


## Balance Sheet as at 31 December 2012

		Notes	Actual 2012 12 Months \$	Actual 2011 12 Months \$
<b>Assets</b>				
<b>Current Assets</b>				
	Research funds held by The University of Auckland	1c, 2c, 3, 4	516,047	1,798,202
<b>Total current assets</b>			<b>516,047</b>	<b>1,798,202</b>
<b>Total assets</b>			<b>516,047</b>	<b>1,798,202</b>
<b>Current Liabilities</b>				
	Research obligations	1c, 2c, 3, 4	516,047	1,798,202
<b>Total current liabilities</b>			<b>516,047</b>	<b>1,798,202</b>
<b>Total liabilities</b>			<b>516,047</b>	<b>1,798,202</b>

The accompanying Notes to the Financial Statements form part of and should be read in conjunction with these financial statements

Signed on behalf of the Board

Chairman



Director



## Notes to the Financial Statements for the year ended 31 December 2012

### 1. Statement of Accounting Policies

#### Basis of Preparation

Ngā Pae o te Māramatanga is a Centre of Research Excellence and is hosted as an Institute within The University of Auckland. Ngā Pae o te Māramatanga has its own Board of Governance which includes members external to The University of Auckland.

These financial statements are general purpose financial statements that comprise a statement of income and expenditure and a balance sheet.

The financial statements have been prepared in New Zealand currency, on the basis of historical cost, and in accordance with generally accepted accounting practice in New Zealand.

The financial statements are for the 12 months ended 31 December 2012. The comparative figures are for the 12 months ended 31 December 2011.

These unaudited financial statements have been extracted from the audited financial statements of The University of Auckland and have been prepared in accordance with the following accounting policies.

#### (a) Revenue

Research grants are recognised as revenue upon completion of services for which the grant was made. Where obligations are attached to a grant, a liability is recognised. Once the obligation is discharged, the grant is recognised as revenue.

#### (b) Taxation

Ngā Pae o te Māramatanga is exempt from income tax as it is hosted by The University of Auckland which is exempt from income tax.

All amounts are shown exclusive of Goods and Services Tax (GST).

GST is accounted for by The University of Auckland outside of the financial statements for Ngā Pae o te Māramatanga.

#### (c) Changes in Accounting Policy

Accounting policies have been applied on a basis consistent with those of the previous period.

### 2. Tertiary Education Commission Grant

#### (a) Funding Levels

Ngā Pae o te Māramatanga is primarily funded by the Tertiary Education Commission. Funding is approved until 30 June 2014.

Approved and received for year ending 30 June 2009	\$5,330,960
Approved and received for year ending 30 June 2010	\$5,330,960
Approved for the half year ending 30 June 2011	\$5,330,960
Approved for year ending 30 June 2012	\$5,419,809
Approved for year ending 30 June 2013	\$5,327,976
Approved for year ending 30 June 2014	\$5,048,145

## Notes to the Financial Statements for the year ended 31 December 2012

		Actual 2011 12 Months \$	Actual 2011 12 Months \$
2(b)	Tertiary Education Commission		
	Grant for the 12 months ending 31 December 2012	5,388,701	5,360,576
2(c)	Tertiary Education Commission – Research Funds held by The University of Auckland		
	Research obligations at the beginning of the year	1,777,577	2,567,964
	Change in research obligations	(1,051,698)	(740,099)
	Change in Capital Equipment Fund	(230,457)	(50,288)
	Research obligations at the end of the year	495,421	1,777,577

<b>3</b>	<b>Other Research Funds held as Research Obligations</b>		
	Research obligations at the beginning of the year	20,625	(42,049)
	Research Funds returned to Health Research Council	0	0
	Change in research obligations	0	62,674
	Research obligations at the end of the year	20,625	20,625
<b>4</b>	<b>Commitments</b>		
	There are outstanding commitments of \$4,969,982 for signed contracts against Research Funds Held for the Research, Capability Building and Knowledge Exchange programmes at balance date. (2011: \$3,167,896 )		
<b>5</b>	<b>Other Revenue</b>		
	Total of other grants received	0	22,320
<b>6</b>	<b>Overheads</b>		
	Overheads paid from Tertiary Education Commission Grant income	570,511	585,247
	Overheads paid from other grant income	0	0
	<b>Total</b>	<b>570,511</b>	<b>585,247</b>
<b>7</b>	<b>Subcontractors</b>		
	Payments to subcontractors are for contracted research, knowledge exchange and capability building projects for all participating entities.		
<b>8</b>	<b>Operating Expenditure</b>		
	Ngā Pae o te Māramatanga did not incur any interest, audit fees or write off any bad debts expenses during the year (2012 nil).		



## Book Chapters

Macfarlane, A. (2012). Kia hiwa rā! Listen to culture: A counter narrative to standard assessment practices in psychology. In R. Nairn, P. Pehi, R. Black & W. Waitoki, *Ka tū, ka oho: Visions of a bicultural partnership in psychology* (pp. 275–288). Wellington, New Zealand: New Zealand Psychological Society.

Macfarlane, A., Macfarlane, S., Savage, C. & Glynn, T. (2012). Inclusive education and Māori communities in Aotearoa New Zealand: Introducing a paradigm of cultural affirmation. In S. Carrington & J. MacArthur (Eds.), *Teaching in inclusive school communities* (pp. 163–186). Brisbane, Australia: John Wiley & Sons.

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Macfarlane, S., & Macfarlane, A. (2012). Diversity and inclusion in early childhood education: A bicultural approach to engaging Māori potential. In D. Gordon-Burns, A. Gunn, K. Purdue & N. Surtees (Eds.), *Te aotūroa tātaki: Inclusive early childhood education. Perspectives on inclusion, social justice and equity from Aotearoa New Zealand* (pp. 21–38). Wellington, New Zealand: NZCER Press.

Te Rito, J. S. (2012). Māori invocation for the 3S Community and for the world [Chapter section in]: Epilogue: A Spiritual Circle. In G. Pungetti, G. Oviedo & D. Hooke (Eds.), *Sacred species and sites: Advances in biocultural conservation* (pp. 457–458). Cambridge, UK: Cambridge University Press.

Te Rito, J. S. (2012). Struggles to protect Puketapu, a sacred hill in Aotearoa. In G. Pungetti, G. Oviedo & D. Hooke (Eds.), *Sacred species and sites: Advances in biocultural conservation* (pp. 165–177). Cambridge, UK: Cambridge University Press.

## Peer Reviewed Journal Articles

Cavanagh, T., Macfarlane, A., Glynn, T., & Macfarlane, S. (2012). Creating peaceful and effective schools through a culture of care. *Discourse: Cultural Politics of Education*, 33(1), 1–13.

Crengle, S., Robinson, E., Ameratunga, S., Clark, T., & Raphael, D. (2012). Ethnic discrimination prevalence and associations with health outcomes: Data from a nationally representative cross-sectional survey of secondary school students in New Zealand. *BioMed Central Public Health*, 12(45).

Goven, J. L., Langer, E. R., Baker, V., Ataria, J., & Leckie, A. (2012). Community engagement in the management of biosolids: Lessons from four New Zealand studies. *Journal of Environmental Management*, 103, 154–164.

Hayman, K., Kerse, N., Dyall, L., Kepa, M., Teh, R., Wham, C., ... Davis, P. (2012). Life and living in advanced age: A cohort study in New Zealand – Te Puāwaitanga o Nga Tapuwae Kia Ora Tonu, LiLACS NZ: Study protocol. *BioMed Central Geriatrics*, 12(33), 1–26.

Kēpa, M., & Manu'atu, L. (2012). An indigenous and migrant critique of principles and innovation in education in Aotearoa/

New Zealand. *International Review of Education*, 57(5-6), 617–630.

Lavoie, J. G., Boulton, A. F., & Gervais, L. (2012). Regionalization as an opportunity for meaningful indigenous participation in healthcare: Comparing Canada and New Zealand. *The International Indigenous Policy Journal*, 3(1).

Leung, M., Kang Ok Soo, S., Turuwhenua, J., & Jacobs, R. (2012). Effects of illumination and observation angle on the van Herick procedure. *Clinical and Experimental Optometry*, 95(1), 72–77.

Macfarlane, A. (2012). 'Other' education down-under: Indigenising the discipline for psychologists and specialist educators. *Other Education: The Journal of Educational Alternatives*, 1(1), 205–225.

Mora, C. V., & Walker, M. M. (2012). Consistent effect of an attached magnet on the initial orientation of homing pigeons, *Columba livia*. *Animal Behaviour*, 84(2), 377–383.

Peacock, B. C., Hikuroa, D., & Morgan, T. K. K. B. (2012). Watershed-scale prioritization of habitat restoration sites for non-point source pollution management. *Ecological Engineering*, 42(May), 174–182.

Perumal, L., Wells, S., Ameratunga, S., Pylpynchuk, R. D., Elley, C. R., Riddell, T., ... Jackson, R. (2012). Markedly different clustering of CVD risk factors in New Zealand Indian and European people but similar risk scores (PREDICT-14). *Australian and New Zealand Journal of Public Health*, 2012(4), 141–144.

Priscilla, M. W., Whaanga, H., & Trenwick, S.A. (2012). Artefacts, biology and bias in museum collection research. *Molecular Ecology*, 21(13), 3103–3109.

Rewi, P. (2012). Supporting te reo Māori. *He Kiteanga Māori*, 2011(Special Issue), 18–19.

Tomlins-Jahnke, H., Lynley, A., & Snelling, J. (2012). The practice of surrogacy in New Zealand. *Australian and New Zealand Journal of Obstetrics and Gynaecology*, 52(3), 253–257.

Turuwhenua, J., Patel, D., & McGhee, C. (2012). Fully automated montaging of laser scanning *in vivo* confocal microscopy images of the human corneal subbasal nerve plexus. *Investigative Ophthalmology and Visual Science Journal*, 53(4), 2235–2242.

Walker, M. (2012). Navigating oceans and cultures: Polynesian and European navigation systems in the late eighteenth century. *Journal of the Royal Society of New Zealand*, 42, 93–98.

Wright-St Clair, V. A., Kēpa, M., Hoenle, S., Hayman, K., Keeling, S., Connolly, M., ... Kerse, N. (2012). Doing what's important: Valued activities for elder New Zealand Māori and non-Māori. *Australasian Journal on Ageing*, 31(1), 1–6.

## Professional and Research Reports

Ngā Pae o te Māramatanga reports are available online at [www.maramatanga.ac.nz/research](http://www.maramatanga.ac.nz/research)

Boulton, A. (2012). *Facilitating whānau resilience through Māori primary health intervention*. Whanganui, New Zealand: Health Research Council of New Zealand.

- Dalley, T. (2012). *Reo Māori ki ngā rorohiko o te kura*. Internship report. Hamilton, New Zealand: The University of Waikato.
- Dyall, L. (2012). *Kaumātua: Taonga aroha*. Final project report. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Higgins, R. (2012). WAI 2336 Te Kōhanga Reo claim. *Third brief of evidence*. Wellington, New Zealand: Waitangi Tribunal.
- Kainamu, A. (2012). *Ōkahu Bay restoration*. Internship report. Auckland, New Zealand: The University of Auckland.
- Kitson, J. (2012). *Kanakana harvest mātauranga: Potential tools to monitor population trends on the Waikawa River, Southland/Murihiku*. Scoping project, final report. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Rehu, M. (2012). *Scoping study of the impacts of fracking on indigenous reservations in Alberta using the mauri model decision making framework*. Auckland, New Zealand: The University of Auckland.
- Staniland, N. (2012). *Māori youth employment*. Internship report. Auckland, New Zealand: AUT University.
- Strickett, E. (2012). *Marginalising Māori parents*. Internship report. Palmerston North, New Zealand: Massey University.
- Tahana, J. (2012). *Phonological development in Māori speaking preschoolers: A guide to initiating child language research with Māori*. Internship report. Auckland, New Zealand: The University of Auckland.
- Te Whata, R. (2012). *Transformations of entrepreneurial tribal Māori leadership*. Internship report. Auckland, New Zealand: The University of Auckland.
- Wahaanga, H., Roa, T., Seed-Pihama, J., Papa, W., Thompson, K., & Haereroa, B. (2012). *Exploring a Māori classificatory system of flora and fauna*. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Wahaanga, H., Roa, T., Bainbridge, D., Keegan, T.T., Anderson, M., Cader, P., & Scrivener, K. (2012). *The ethics, processes and procedures associated with the digitisation of the Pei Jones Collection*. Auckland, New Zealand: Ngā Pae o te Māramatanga.
- Conference, Seminar and Wānanga Papers and Presentations**
- Ataria, J., & Black, M. (2012, June). *Navigating the legislative and policy landscape: A framework for natural resource management*. International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Awekotuku, N. T., & Nikora, L. W. (2012, June). *Moengaroa: Death, lifestyle & sexuality in the Māori world*. International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Baddock, S. A., Tipene-Leach, D., Tangiora, A., Williams, S., Jones, R. & Taylor, B. (2012, October). *Methodology and recruitment into a randomised control trial to evaluate sleeping options for New Zealand babies*. International Society for the Prevention of Infant Death Conference. Baltimore, MD.
- Bennett, P., McKendrick, J., Dyall, L., Kerse, N., Kēpa, M., Muru-Lanning, M., & McDonald, M. (2012, June). *Te awhi tautoko*. Panel presentation at the International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Bhana, V. M. H., Crapp, N., Poutu, H., Nikora, L. W., & Awekotuku, N. T. (2012, June). *Death rituals: Running a tangi. How much and who pays?* International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Boulton, A., & Gifford, H. (2012, June). *Tipping the balance: A quantitative analysis of the impact of the Working for Families (WFF) policy on Māori whānau*. International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Coutts, S., Moore, A., Johnson, M., Gbolagun, J., & Hall, G. B. (2012, August). *The Application of fuzzy multi-criteria analysis for optimal siting of medicinal native vegetation*. Auckland, New Zealand: Geocart'2012.
- Cowan, S. F., & Tipene-Leach, D. (2012, October). *'End game' SUID prevention approaches and the need for innovation*. International Society for the Prevention of Infant Death Conference. Baltimore, MD.
- Edge, K. (2012, June). *Tangi a te ruru: Bereavement, conflict and remembrance in a Māori and Pākehā bicultural whānau*. International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Glover, M. (2012, August). *Tobacco control research tūranga*. XIV Annual Meeting of the Society for Research on Nicotine and Tobacco – Europe. Helsinki, Finland.
- Harris, A. (2012, October). *He wahine toa: Women's voice in New Zealand writing*. Panel discussion with Barbara Ewing, Eleanor Catton and Cathie Dunsford, Frankfurt Book Fair. Frankfurt, Germany.
- Harris, A. (2012, October). *Colliding cultures: Māori-Pakeha encounters*. Panel discussion with Peter Walker, Paula Morris and Paul Tapsell, Frankfurt Book Fair. Frankfurt, Germany.
- Harris, A. (2012, October). *Public lecture on hikoi*. Frankfurt Book Fair. Frankfurt, Germany.
- Harvey, M., Rakena, T. O., Ruka, C., Turei, R., & McIntosh, N. (2012, June). *Kai tāima/korero tāima: Fill me up*. Performance Studies International #18 Conference – Performance: Culture: Industry. Leeds, United Kingdom.
- Harvey, M., Rakena, T. O., Ruka, C., Turei, R., & McIntosh, N. (2012, June). *Whakaahuatia: the way we colour our mana: The way we labour our waewae*. Performance Studies International #18 Conference – Performance: Culture: Industry. Leeds, United Kingdom.
- Higgins, R. (2012, March). *Arohatia te reo – me pēhea hoki*. Tuia Te Ako Conference. Pipitea Marae, Wellington, New Zealand.
- Higgins, R. (2012, March). *Te Kōhanga Reo*. Guest speaker at the launch of He Waka Whānui – Partnerships with Māori [Report]. Te Whare Waka, Wellington, New Zealand.
- Higgins, R. (2012, March). *WAI 2336: Matua Rautia*. Independent expert witness at Waitangi Tribunal hearings for Te Kōhanga Reo. Kōhanga Reo National Trust, Wellington, New Zealand.
- Higgins, R., Olsen-Reeder, V., Kire, A., Royal-Tangaere, A., Brown, K., Leoni, G., ... Rewi, P. (2012, June). *Mā te kitea rawahia o ōna hua e ora ai te reo Māori i ngā kāinga me ngā tari kāwanatanga. Value: The ultimate enabler and disabler of the Māori language in the whānau and the public sector*. Panel presentation at the International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.

- Hikuroa, D. (2012, July). *Indigenous sustainability: What is indigenous? What is sustainability? How do we know?* Invited lecture for Ngā Korero Tataki Winter Lecture Series. Auckland War Memorial Museum, Auckland, New Zealand.
- Hikuroa, D. (2012, June). *The role of indigenous knowledge in hazard and disaster research.* International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Hikuroa, D. (2012, April). *Who says Māui wasn't a scientist? Strategies to increase Māori participation in science.* To Know Is Not Enough – American Education Research Association Annual Meeting. Vancouver, Canada.
- Hikuroa, D. (2012, June). *Developing Māori Geothermal Resources.* Presented at Māori Business Forum 2012: Unlocking Māori Business Opportunities Through Capability Development and Industry Partnerships, Auckland, New Zealand.
- Kēpa, M. (2012, April). *Donating a sample of blood: Where-to-from-there?* Pacific Edge Forum/Fono: Transforming Knowledge into Innovative Practice. Health Research Council of New Zealand, Auckland, New Zealand.
- Kēpa, M. (2012, September). *Life and living in advanced age: A cohort study in New Zealand (LiLACS NZ).* International Network of Indigenous Health Knowledge and Development 5th Biennial Conference. University of Queensland, Brisbane, Australia.
- Kēpa, M., Dyall, L., & Kerse, N. (2012, September). *Panel presentation: Being Māori in advanced age.* Ageing and Diversity – New Zealand Association of Gerontology Conference. New Zealand Association of Gerontology, Auckland, New Zealand.
- Kēpa, M., Muru-Lanning, M., & McKendrick, J. (2012, June). *Researchers supporting each other in LiLACS NZ (Awhi Tautoko Māori Mātauranga: Transforming emerging Māori researchers through awhi tautoko of experience).* Panel presentation at the International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Kēpa, M., Smith, P., McPherson, B., & Reynolds, L. (2012, October). *Presentation: Caring about our parents in elite age.* Te kaumātuaanga: The highs and lows of the elderly, kaumātua seminar. Te Whare Wānanga o Awanuiārangī, Whakatāne, New Zealand.
- Lambert, S. (2012, June). *Innovation, Māori, and the Māori economy: A flat or lumpy world?* International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Lambert, S. (2012, October). *Māori response to the Christchurch earthquakes.* Community seminar. Mental Health Education and Resource Centre, Christchurch, New Zealand.
- Lambert, S. (2012, September). *Indigenous Resilience.* Panel presentation at the 5th Biennial International Network of Indigenous Health Knowledge and Development Conference – Building Resilience: Renewing Individuals, Families and Communities. Brisbane, Australia.
- Lambert, S., & Mark-Shadbolt, M. (2012, June). *Māori experiences and expressions of leadership through the Christchurch/Ōtautahi earthquakes.* International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Lambert, S., Mark-Shadbolt, M., Ataria, J., & Black, A. (2012, June). *Indigenous resilience through urban disaster: Māori and the Christchurch/Ōtautahi earthquakes.* International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Macfarlane, A. (2012, June). *Becoming educultural.* Keynote address to staff at the School of Foundation Studies at the Manukau Institute of Technology. Auckland, New Zealand.
- Macfarlane, A. (2012, December). *Cultural foundations in the academy.* Keynote address at the Inaugural Conference for Foundation and Bridging Educators New Zealand. Auckland, New Zealand.
- Macfarlane, A. (2012, June). *Culturally responsive practices.* Keynote address at the Canterbury Primary Principals' Association Conference. Christchurch, New Zealand.
- Macfarlane, A. (2012, September). *Culturally responsive practices.* Keynote address to the Mangere Cluster of Schools. Auckland, New Zealand.
- Macfarlane, A. (2012, April). *Culturally responsive practices.* Keynote address to staff at Lynfield College. Auckland, New Zealand.
- Macfarlane, A. (2012, October). *Demystifying Māori research.* Keynote address at Research Week at the University of Canterbury. Christchurch, New Zealand.
- Macfarlane, A. (2012, November). *Discipline, democracy and diversity.* Keynote address at the Indigenous Psychologies Conference. Auckland, New Zealand.
- Macfarlane, A. (2012, July). *Keynote address: Diversity's challenge to tertiary educators.* National Teaching and Learning Conference. Timaru & Auckland, New Zealand.
- Macfarlane, A. (2012, June). *Diversity's promise to educators.* Keynote address to the Southern Area of the Education Review Office. Christchurch, New Zealand.
- Macfarlane, A. (2012, October). *Do you read me? Māori students' plea to educators.* Keynote address at the International Reading Comprehension Symposium. Christchurch, New Zealand.
- Macfarlane, A. (2012, October). *Getting it right for Māori.* Keynote address at the Nelson Principals' Association Conference. Nelson, New Zealand.
- Macfarlane, A. (2012, October). *He aka mātauranga: Leading between the vines.* Keynote address at the International Reading Association Conference. Hastings, New Zealand.
- Macfarlane, A. (2012, August). *The heart, the head and the hand.* Keynote address at the Hawkes Bay Principals' Association Conference. Napier, New Zealand.
- Macfarlane, A. (2012, May). *Mātauranga: Our sustenance.* Tuakana Māori Mentoring Programme. Christchurch, New Zealand.
- Macfarlane, A. (2012, June). *Whānau aspirations for special education services.* International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Malcolm-Buchanan, V. (2012, June). *Regarding death in life: Stories of our dying loved ones' final wishes.* International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Manu'atu, L., Kēpa, M., Tautakitaki, M., & Pepe, M. (2012, December). *Indigenous and migrant education: A conceptual circle of fresh ideas and inclusive education.*

- AARE-APERA 2012 Regional and Global Cooperation in Educational Research Conference. The Joint Australian Association for Research in Education and Asia-Pacific Education Research Conference & World Education Research Association Focal Meeting. Sydney, Australia.
- McIntosh, T. (2012, June). *Descent or dissent: Submerged citizenship and prisons*. International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Morgan, T. K. B., & Manuel, R. D. (2012, June). *Economic well-being from indigenous wisdom: Is it possible?* International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Morgan, T. K. B., Manuel, R., Hikuroa, D., Peacock, B. C., & Voyde, E. (2012, December). *Enhanced catchment management using indigenous concepts of sustainability: Beyond the limits?* New Zealand Freshwater Sciences Society Conference. University of Otago, Dunedin, NZ.
- Myftari, E. (2012, August). *Narrative identity in New Zealand Māori adolescents and implications for well-being*. The 13th Biennial Conference of the European Association for Research on Adolescence. Spetses, Greece.
- Nikora, L. W., & Masters, B. (2012, June). *He aitua! Making final arrangements*. International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Nikora, L. W., Temara, P., Awekotuku, N. T., & Seuili, B. (2012, June). *Indigenous people talk about the changing nature of death rituals*. Panel presentation at the International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Papa, W. (2012, September). *Language is the key to understanding – Ko te reo te taikura o te whakaao-mārama*. Te Toi o Matariki Māori Graduate Conference. University of Waikato, Hamilton, New Zealand.
- Pipi, K., & Pirini, J. (2012, July). *Kaupapa Māori and the PATH research tool in a post-colonial indigenous context*. RC33 8th International Conference on Social Science Methodology. Sydney, Australia.
- Rewi, P. (2012, February). *He Iho Reo update*. Presentation at hui. Te Ropu Rautaki Reo Māori o Otepoti. Dunedin, New Zealand.
- Rewi, P. (2012, February). *He iho reo – Māori language in Dunedin, Otago New Zealand: A case study*. Public presentation. University of French Polynesia. Tahiti, French Polynesia.
- Royal, C. (2012, June). *Science and the emerging Māori economy* panel. Invited panelist. Transit of Venus Forum. Gisborne, New Zealand.
- Royal, C. (2012, April). *A modern view of mana*. Keynote address to the New Zealand Psychological Society & New Zealand College of Clinical Psychologists Joint Conference. Wellington, New Zealand.
- Royal, C. (2012, October). *Towards the new whare tapere*. Keynote address at the Te Hotu Manawa Māori Conference. Taipā, New Zealand.
- Royal, C. (2012, June). *International Indigenous Development Research Conference 2012*. Opening address at the International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Rua, M. (2012, June). *Become less staunch and a bit more compassionate: Māori men's relational notions of health*. International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Scrivener, K. (2012, September). *Managing cultural collections using spatial hypermedia*. Te Toi o Matariki Māori Graduate Conference. University of Waikato, Hamilton, New Zealand.
- Smith, L., Hudson, M., Roberts, M., & Hemi, M. (2012, June). *Dynamics of dialogue: Negotiating interfaces and conceptual spaces*. International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Te Rito, J. S. (2012, May). *Māori 104: Reo tuatahi*. Invited lecture. The University of Auckland, Auckland, New Zealand.
- Te Rito, J. S. (2012, September). *Māori 370: Māori and the media/te ao paho*. Iwi radio: Irirangi Kahungunu. Invited lecture. The University of Auckland, Auckland, New Zealand.
- Te Rito, J. S. (2012, June). *Kia areare ngā taringa: Utilising recordings of native speakers of Māori conversing in the teaching of Māori language*. International Indigenous Development Research Conference 2012. Ngā Pae o te Māramatanga, Auckland, New Zealand.
- Te Rito, J. S. (2012, March). *Māori language revitalisation strategies*. Pacific Islands Forum/Fono. Auckland, New Zealand.
- Te Rito, J. S. (2012, December). *Producing Māori language teaching resources utilizing conversational recordings*. International Conference of the Korean Association for Corpus Linguistics. Busan, South Korea.
- Tipene-Leach, D. (2012, October). *Poster the wahakura: A bed-sharing 'safer' sleeping environment for SIDS prevention*. International Society for the Prevention of Infant Death Conference. Baltimore, MD.
- Walker, M. (2012, July). *He tirohanga ā mua, he kitenga mā muri: Looking back to look forward*. SciCon NZASE Science Conference. Auckland, New Zealand.
- Walker, M. (2012, September). *Animal magnetism: Structure, function and use of the magnetic sense in animals*. Invited lecture. Seagrant Program Seminar. Honolulu, HI.
- Walker, M. (2012, October). *Tirohia ā roto, tirohia ā waho: Kia whaia te māramatanga e tātau*. Keynote address at the Unitec Learning and Teaching Symposium. Auckland, New Zealand.
- Walker, M. (2012, May). *Te whenua, te tangata, te aronui, te māramatanga*. Seminar. School of Biological Sciences, The University of Auckland, Auckland, New Zealand.
- Walker, M. (2012, November). *Nā te awatea-roa me te makariri-tō-roa, ko tātau: From the twilight and the cold, we come*. Symposium address at the 4th annual Ngā Pae o te Māramatanga Research Symposium: Enhancing Māori Distinctiveness – The Contribution and Opportunity: Ko tā te Māori ake takoha ki te ao. Ngā Pae o te Māramatanga, Rotorua, New Zealand.
- Walker, M. (2012, July). *Te whenua, te tangata, te aronui, te māramatanga*. SciCon NZASE Science Conference. Auckland, New Zealand.
- Whitnui, P., Pihama, L., Smith, G., Hohepa, M. K., & Hikuroa, D. (2012, November). *Kaupapa Māori across the disciplines: Indigenous understandings as liberation, embracing the research struggle and enacting transformational research*. CEAD – Contemporary Ethnography Across the Disciplines. University of Waikato, Hamilton, New Zealand.

### Creative and Documentary Works

Hikuroa, D. (2012). Documentary on Ōkahu Bay restoration project. Aired on *Project Mātauranga*. Auckland, New Zealand: Māori Television.

Morgan, T.K.K.B. (2012). Documentary on sustainable housing solutions for Māori. Aired on *Project Mātauranga*. Auckland, Te Papa Tongarewa, New Zealand: Māori Television.

Royal, C. (2012). *Baxter songs for baritone and piano*. Performance. Te Papa Tongarewa, Wellington, New Zealand.

Royal, C. (2012). *Baxter songs for baritone and piano*. Performance. Auckland War Memorial Museum, Auckland, New Zealand.

Royal, C. (2012). *Pride: The deadliest sin*. Performance. Auckland War Memorial Museum, Auckland, New Zealand.

Royal, C. (2012). *Pride: The deadliest sin*. Performance. Te Papa Tongarewa, Wellington, New Zealand.

Te Rito, J. S. (2012). Interviewed about the history of Ōmāhu for their DIY project on Ōmāhu Marae. Aired on *Marae DIY*. Auckland, New Zealand: Māori Television.

Walker, M. (2012). Documentary on animal navigation. Aired on *Project Mātauranga*. Auckland, New Zealand: Māori Television.

### Other Supported Events and Workshops

(other events listed in 'Sharing Knowledge' section)

Australia and New Zealand Society of Criminology Conference. (2012, November). University of Auckland, Auckland, New Zealand.

Historical Trauma Research and Development in the Aotearoa Social Services Sector seminar. (2012, September). University of Auckland, Auckland, New Zealand.

Indigenous Psychologies: Our Past Present and Future Conference. (2012, November). University of Auckland, Auckland, New Zealand.

Māori and Indigenous (MAI) Doctoral Conference. (2012, November). Lincoln University, Lincoln, New Zealand.

Māori and Indigenous (MAI) Ki Tāmaki mentoring programme re-launch (2012, August). University of Auckland, Auckland, New Zealand.

Māori Association of Social Science (MASS) Conference. (2012, November). Canterbury University, Christchurch, New Zealand.

Ngā Kōrero Tātaki: Leadership Discussions on Indigenous Sustainability. (2012, June). Presented by Auckland War Memorial Museum and Ngā Pae o te Māramatanga. Auckland War Memorial Museum, Auckland, New Zealand.

Rūaumoko What Lies Beneath. (2012, June). Presentation by Ngā Pae o te Māramatanga and GNS Science. Te Papa Tongarewa Museum of New Zealand, Wellington, New Zealand.



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