

2009  
*A*NNUAL REPORT  
WIDER IMPACT, COMMUNITY CONTRIBUTION



NGĀ PAE O TE MĀRAMATANGA

New Zealand's Māori Centre of Research Excellence



ko te pae tawhiti  
arumia kia tata  
ko te pae tata whakamaua  
kia puta i te wheiao  
ki te ao mārama

seek to bring the  
distant horizon closer  
but the closer horizon, grasp it  
so you may emerge from darkness  
into enlightenment

# 2009 HIGHLIGHTS

2009 saw many successes in delivering on the CoRE's vision for positive social transformation, including:

Publication of five academic journals of Māori and indigenous writing, 41 peer-reviewed articles, 13 research reports, three book chapters and 65 conference papers or presentations

Continued promotion of greater Māori involvement in science with the launch of science monograph *Te Ara Pūtaiao – Māori Insights in Science*, prompting wide media and community interest in Māori achievements, challenges and opportunities to contribute more fully to scientific advances

The launch of our largest research programme, focusing on achieving research outcomes with long term benefits and confirmation of high-calibre independent advisory boards to select successful applicants

Continued provision of successful pathways to higher educational achievement with 400 doctoral students participating in the MAI Te Kupenga programme

Completion of a competitive research round focused on excellent results with nine projects selected on topics ranging from the history of Māori Battalion D Company to new approaches to commercial fishing and sustainable geothermal development

Rapid expansion of a knowledge exchange event programme to share research outcomes and approaches as widely as possible with 14 organisations partnering with us to run conferences, hui and symposia attended by over 1100 community and research representatives

A new step in organisational development with the appointment of the Centre's first full-time Director

We took a lead in addressing the crucial area of whānau and community violence with the launch of our first Critical and Sensitive Issues Symposium, leading to potential new research streams in consultation with government and non-government agencies

Extended collaboration in advancing research themes with two new senior research projects on whānau resilience in partnership with the Health Research Council, Families Commission and the Accident Compensation Corporation (ACC)

Continued commitment to building a new scholarly community for international indigenous research and renewed investment of staff and energy in our journal *AlterNative*



## OUR VISION AND MISSION

Ngā Pae o te Māramatanga is one of eight Centres of Research Excellence funded by the New Zealand Government. Our task is to conduct excellent research which addresses needs and seizes upon opportunities arising in Māori communities.

Our vision is that the potential of Māori communities to contribute to New Zealand and the world is achieved. We do this by convening excellent multi-disciplinary research teams located throughout a network of research providers.

These research providers include universities, wānanga, museums, a Crown Research Institute and more. Our research themes relate to economic development, environmental sustainability, health and social wellbeing and educational achievement as these goals can be achieved within Māori communities. Of particular interest is the creation of distinctive approaches to knowledge maintenance, creation and application as this is suggested by the experience of Māori people and/or indigenous knowledge/ mātauranga Māori.



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Sir Tipene O'Regan, Chairman

Of New Zealand's eight Centres of Research Excellence (CoREs) none perhaps is charged with making quite the same direct social or community impact as Ngā Pae o te Māramatanga, New Zealand's Māori Centre of Research Excellence. When we were founded seven years ago we focused on contributing to achieving 500 Māori PhDs. Now we are seeking another five-fold leap. This will not be easy or assured. But, if successful, the impact for students and their communities would be profound. And certainly as we ended the decade it was encouraging to see just how successful the CoRE has become in continuing to meet ambitious goals.

As set out in this report, our first-ever Critical and Sensitive Research Issues Symposium led the way in attracting new research interest on the pressing issue of violence. We provided mentoring and study support to over 400 doctoral students. Taking a clear future-focus, we also launched our largest research programme, which targets benefits over a 50-year time-frame and for which we were very pleased to secure an extremely high level of independent expert representation on the programme's advisory selection panels.

At heart, the vision for Ngā Pae o te Māramatanga is a transformative one. We seek to generate new benefits for Māori from excellent Māori-focused research – and out of that process create new benefits for the nation as a whole. As with any venture, along with the right resources and process, success depends on the commitment, skills and imagination of the people who drive it. In all of these qualities we have been very generously served by Professor Michael Walker and Dr Tracey McIntosh, who elected to end their terms as Joint Directors in 2009. On behalf of the Board and all the communities the Centre serves I want to acknowledge a huge debt of gratitude to them. Between the two of them, they have been directly instrumental in leading the CoRE through everything that has put it in the strong position it is in today. We wish them well as they return to their research careers and are delighted they will remain engaged in the Centre as editors of our journal *AlterNative*.

This changing of the guard also marks our move for the first time to a full-time sole Director. We were delighted to be able to appoint Professor Charles Te Ahukaramū Royal to this role. Also appointed as Professor of Indigenous Development in the Faculty of Arts at the University of Auckland, Charles brings recognised exceptional strengths as both a researcher and musician and as a leading creative Māori thinker. As a recent Board member himself, he knows that he finds an organisation in good heart with a clear focus on a successful future.

As always, of course, challenges remain. As an organisation we cannot afford to spread ourselves too thin. It will remain vital to establish priorities, and in this light partnering with other organisations to jointly undertake research or hold knowledge events as we did increasingly in 2009, has proven a highly effective way of using resource to the best effect. These partnerships multiplied the impact we can have, and created a firmer base for even greater contributions.

Sir Tipene O'Regan

Chairman



Dr Tracey McIntosh



Professor Michael Walker

Ngā Pae o te Māramatanga not only focuses on supporting excellent research but also on ensuring its benefits are spread widely. Sometimes we can achieve this (as in environmental research projects) by including students or communities in the research itself, so that in addition to our researchers gaining local knowledge we can help students build capability. In areas such as health and education, government and other agencies have often acted on our researchers' recommendations. And always we aim to multiply impact through the collaborations and networks we form. In this respect, in what was a very active and successful year across all programmes, 2009 marked a watershed in confirming how wide the reach of Ngā Pae o te Māramatanga now extends.

Our partners in co-sponsored knowledge-sharing events included Manaaki Whenua - Landcare Research, the Royal Society of New Zealand, Te Wānanga o Aotearoa, Auckland University of Technology and the universities of Auckland, Canterbury and Victoria in Wellington. We launched two new research projects and three development studies in whānau resilience in partnership with ACC and the Health Research Council of New Zealand. We also began investigating new research streams with government and non-government agencies on reducing family and social violence. Internationally, we collaborated with Ho'okulāiwi 'Aha Ho'ona'auao 'Ōiwi (Hawai'i) in planning for a native engineering and technology summit in 2010 and with Hawaiian researchers in producing a joint issue of our journal *AlterNative*. We were pleased to host a visit from the Hon Richard Marles, Parliamentary Secretary for Innovation and Industry in the Australian Government. We were also again involved in discussions with Australian academic groups who are interested in possibly applying the experience of Ngā Pae o te Māramatanga in establishing a centre for indigenous studies in Australia.

These collaborations flow from a strategy set at the time of the CoRE's establishment of becoming a network of networks. But collaboration also crucially helps underpin ongoing success. We believe unlocking the potential of Māori is the single biggest intellectual opportunity available for New Zealand. In seeking to help make this happen in 2009 we reviewed gains to date and renewed our focus on the future. This was very much helped by responding to earlier insights of our International Research Advisory Panel, which brings expertise from New Zealand and overseas.

In ensuring that the CoRE will continue to succeed in a constantly changing environment it was very satisfying to not only extend research partnerships but also increase funds available for our Contestable Research Fund by 50%. As Sir Tipene has noted, we also launched the new Pae Tawhiti grants, which are the largest programmes we have ever run and set very clearly defined objectives over a 50-year time-frame.

More immediately, research topics we supported in 2009 showed just how diverse a pool of research and talent there is to be tapped. New projects ranged from an examination of the creative potential of mātauranga Māori in the performing arts to a bioengineering research project developing a physically accurate computer model of the human eye. Equally wide was the scope of the knowledge events we supported through the Knowledge Exchange Support Grant programme first introduced in 2008. These included a Māori historians' conference co-sponsored by Te Pouhere Kōrero and Te Kawa a Māui, School of Māori Studies, Victoria University of Wellington and

a Te ORA Māori Health Science Incubator Hui with Te Ohu Rata o Aotearoa (Te ORA), the Māori Medical Practitioners Association of Aotearoa/New Zealand in conjunction with the Faculty of Health Sciences at the University of Auckland. In reaching out to all the constituencies we serve, a highlight for the Knowledge Exchange Programme during the year was a successful refocusing of energies on our academic journal *AlterNative* as described in more detail later in this report.

In looking to the future, of course, we are mindful of the challenge of building depth across a largely new scholarly community. In focusing on contributing to another five-fold increase in the number of Māori PhDs, we identified a need to ensure 500 of these new PhDs should come from the currently thinly-populated (among Māori) 25 to 29 year-old age group. The relatively low number in this age bracket reflects wider challenges of generational succession through the Māori community and the target, while substantial, is only what is needed to approach the OECD norm for any given population. In support of this goal, the highly successful MAI Te Kupenga programme, which provided mentoring and academic support to 400 doctoral students last year, will in 2010 also be opened to Honours and Masters students, as they are at the stage where the process towards a PhD normally begins. Pleasingly, the success of the MAI programme has resulted in a similar scheme mirrored on its approach now being offered to all students at Auckland and Otago universities.

For us, as Joint Directors, 2009 also marked a successful succession, as we elected to return full-time to our research and academic careers. It has been a privilege to contribute to the growth of Ngā Pae o te Māramatanga and to be included in the work of the communities it has so successfully built around it. Along with these communities we would like to thank the Board, and staff and researchers for making our time with the CoRE personally hugely rewarding. They have all enabled the Centre to succeed at a level that can have only delighted – and perhaps even slightly surprised – all the people, both within and outside its formal structure, who worked hard to see it created.

While results are paramount, this CoRE provides a rare chance to look at research challenges from a fresh angle, or to bring many disciplines together around a common Māori focus in defining new streams of research. Given the need to manage resources, this opportunity has to be used judiciously. But it has helped many Ngā Pae o te Māramatanga researchers build a profile that has resulted in further external funding and support and it lies at the heart of what we set out to achieve. A special quality that the CoRE offers is the opportunity to apply imagination and a fresh focus. These are both qualities we know that our successor, Charles Te Ahukaramū Royal, brings in abundance. Across very wide audiences his appointment has met with universal warm and enthusiastic approval. He finds an organisation that is perhaps still only really starting to show what it can do. And, in passing it over to him, we know we leave it in very good hands.

Joint Directors



Dr Tracey McIntosh



Professor Michael Walker





Professor Charles Te Ahukaramū Royal

## WELCOMING OUR NEW DIRECTOR

The Board of Ngā Pae o te Māramatanga was delighted to appoint Professor Charles Te Ahukaramū Royal as the new Director of the Centre of Research Excellence in December 2009.

Also appointed as the University of Auckland's first Professor of Indigenous Development, Charles, who belongs to the Ngāti Raukawa, Marutūahu and Ngā Puhi peoples, is a highly regarded researcher and composer, bringing years of overseas and national research, creative and organisational leadership experience to the CoRE.

The role he takes on has previously been shared between two Joint Directors. But Charles' appointment reflects the growth of the Centre and the view of the Board and our outgoing Joint Directors that Ngā Pae o te Māramatanga will be best served by now enabling one person to focus on directing its strong future growth and success.

Charles' appointment brings expertise across an extensive range of research-related roles. He was previously director of Graduate Studies and Research at Te Wānanga-o-Raukawa, a New Zealand Senior Fulbright Scholar and a Winston Churchill Memorial Trust Fellow. He was research resident at the Rockefeller Study and Conference Center in Bellagio in Italy, and has been chair of the Winston Churchill Memorial Trust and a member of the board of Fulbright New Zealand. He is currently a trustee of the SOUNZ New Zealand Music Centre and recently served as a member of the Oxygen Group and as Chair of the Vision Mātauranga Advisory Group, both convened by the Ministry of Research, Science and Technology.

Formerly on the Board of Ngā Pae o te Māramatanga, Charles has written and edited several books on Māori song, poetry, research and tribal history and composed works for orchestra and chamber pieces. Welcoming Charles as the new Director, Sir Tipene O'Regan, our Chairman, said: "Charles has standing in so many of the communities we engage with and brings exceptional strengths as a researcher and creative thinker. We look forward to continued growth under his leadership and delivering the benefits that will flow from this to Māori and all the nation."



Welcoming our new Director, shown from left to right: Dr Turoa Royal, Sir Tipene O'Regan, Emeritus Professor Ranginui Walker and Professor Stuart McCutcheon, Vice-Chancellor, and Jim Peters, Pro Vice-Chancellor (Māori), of the University of Auckland.

## SCIENCE FOR A NEW GENERATION

Are we alone? When it comes to the existence of extra-terrestrial life, astrophysicist Dr Pauline Harris (Rongomaiwahine and Ngāti Kahungunu) says there's no firm evidence either way. But as part of an international team studying planets outside our solar system she is also helping identify which of them could possibly support life. It's a project that plumbs one of mankind's most fascinating questions, and that is also advancing a life in scientific research that Pauline says might never have got started without the support of the MAI programme run through Ngā Pae o te Māramatanga.

Including scientists from New Zealand and Japan, the MOA, or Microlensing Observation in Astrophysics, project models radiation emissions to find planets sharing earth's own extremely rare balance of characteristics for supporting life (which requires being neither too far from or too close to a sun). Supported by the Foundation for Research, Science and Technology, the project is, however, only part of her post-doctoral research programme at the School of Chemical and Physical Sciences at Victoria University. The balance is dedicated to collating mātauranga Māori tātai arorangi, or traditional star lore, possibly best known in navigation or in measuring and marking time. Both strands are part of a new way of accessing current and traditional knowledge – and of an enthusiasm for science that Pauline is keen to see other young Māori share.

“It can get lonely being a young Māori scientist,” she says. “The support I got through Ngā Pae o te Māramatanga was amazing. Without it I don't think I would be here today. It makes such a difference to have others to talk with and share ideas with from a common perspective.” Now helping the next group of MAI pre-doctoral students, Pauline is also looking at how to help promote science to Māori at school. She says it is a way of giving back – and perhaps of helping another generation find out more about a universe we may or may not share.

Both strands are part of a new way of accessing current and traditional knowledge and of an enthusiasm for science that Pauline is keen to see other young Māori share.





Sharing an enthusiasm for science and traditional Māori knowledge: astrophysicist, Dr Pauline Harris



## MULTIPLYING IMPACT – EXPANDING NETWORKS

Formed in 2002, Ngā Pae o te Māramatanga advances excellent research that defines and addresses research problems from the Māori experience so that we can enable the Māori contribution to best flourish. Out of this process we also aim to deliver new gains for the whole country.

In addition to our research programme, we run nationwide knowledge exchange and capability building programmes and are recognised internationally as the pre-eminent publisher of indigenous research. Several of our research papers or findings have been published in the world's leading journals, including the Proceedings of the National Academy of Sciences of the USA and the Proceedings of the Royal Society of London or been taken up at government level for policy implementation. We also actively develop strategic networks and collaborations. In 2009, the research symposia, hui, doctoral retreats, public seminars and conferences that we ran across all our programmes collectively attracted over 1600 participants.

### Partners in a new future

- The 15 Participating Research Entities (PREs) at Ngā Pae o te Māramatanga include all eight of the country's universities, three wānanga, a Crown Research Institute and two museums. (For a full list of PREs please see Page 26)
- With the inclusion of Lincoln University in 2009, Te Kupenga o MAI, the National Programme for Māori and Indigenous Post-graduate Advancement, which we run, now operates at ten sites, including all eight of New Zealand's universities and two wānanga
- Our knowledge exchange event programme (started in 2008) has to date involved 25 symposia, hui and research conferences run in partnership with organisations including the Auckland, Victoria, Canterbury, Massey, Otago, and Waikato universities; Auckland University of Technology, the Royal Society, IWI Action Group, Manaaki Whenua - Landcare Research, Manukau Institute of Technology, Ngāti Kahungunu Iwi Incorporated, Te Kura Kaupapa Māori o Hoani Waititi Marae, Te Herenga Waka o te Ora Whānau Trust (National Māori Problem Gambling Committee), Te Ipukarea: National Māori Language Institute, Te Roopu Raranga Whatu o Aotearoa, Te Wānanga o Aotearoa, Te Wānanga Takiura o Ngā Kura Kaupapa Māori, Tautāwhi Limited, Te Ataarangi Educational Trust, the Ministry of Education and the Māori Law Commission
- The Whānau Ora research programmes, now running five research projects related to health and whānau resilience, are supported and managed jointly with the Health Research Council, the Families Commission and the New Zealand Accident Compensation Corporation

- Our International Research Advisory Panel includes representatives from the universities of Auckland and Massey and Trømso (Norway). The Advisory Boards, formed in 2009 to select projects supported by our new Pae Tawhiti Grants, include 12 leaders from Māori communities, academic research, commerce and government service delivery
- Funders in current or recent research projects that were started at Ngā Pae o te Māramatanga or jointly supported include the Marsden Fund, the Health Research Council, the Ministry of Education, Manaaki Whenua - Landcare Research (a Crown Research Institute), and the Foundation for Research, Science and Technology
- Arising out of the 2009 Critical and Sensitive Research Issues Symposium we are currently investigating several new research streams and have ongoing discussions in this and other areas with government and non-government agencies
- We operate joint internship research awards with the Allan Wilson Centre for Molecular Ecology and Evolution, and have strategic alliances with Scion (a Crown Research Institute), and Manaaki Whenua - Landcare Research. In 2009 we initiated a new agreement with Fulbright New Zealand for three research awards to be launched in 2010 and expanded our collaboration with MANU AO, a national inter-university Māori academy for academic and professional advancement supported by the New Zealand Vice-Chancellors' Committee.



Dyeing garments with traditional hot water steaming, and powhiri on Taiwera Marae at Te Wānanga o Aotearoa in Rotorua for an indigenous weavers symposium planned for and funded by Ngā Pae o te Māramatanga during 2009

## RESEARCH REPORT

In a very full year across the whole research programme it was perhaps only fitting that our Critical and Sensitive Research Issues Symposium, held in Auckland in November, attracted the widest attention. The symposium was a first in some important ways. It was the forerunner for future symposia on critical and sensitive issues. It was also the first-ever research symposium to address the crucial issue of violence across many groups and agencies from a distinctly Māori perspective. Among 200 participants, the symposium drew Cabinet-level attendance, international speakers from the United States and Australia and resulted in several requests from government and non-government agencies for new research partnerships in this area. The response was a very good reflection of the recognition for, and growth of, a rapidly evolving community of collaborators built around research that Ngā Pae o te Māramatanga now supports.

Consistent with Ngā Pae o te Māramatanga's broader strategy, our focus in 2009 continued to be on building depth in expertise, encouraging the development of more multi-disciplinary research teams and seeking high-impact research results. In support of these goals we were very pleased to be able to increase funds available for our contestable research round by 50%. Importantly, we also launched the Pae Tawhiti grants, which, as noted elsewhere in this report, are the largest grants we have ever run.

The range of projects supported in our contestable research round in 2009 (shown on Pages 12-15) reflected the breadth of topics we are now researching. With nine projects selected from a strong field of 33 research applications, successful projects ranged from a potential new application of traditional mātauranga Māori knowledge in commercial fishing to a new study of experiences around death in a changing Māori world and a potential kaitiaki or guardianship approach to sustainable geothermal development. After some time in planning we were also pleased to be able to support a project capturing the experience of the 28 Māori Battalion D Company to be undertaken in close collaboration with veterans and their whānau.

In 2009 we ran our first formal briefings for Principal Investigators on site, enabling us to advise researchers more effectively about the Pae Tawhiti Grants, our annual research round and some other key activities.

As already noted, the Pae Tawhiti research grants marked a fundamentally new step as we can now support ongoing substantial programmes of work (which might each include several projects) and target much larger and longer-term beneficial outcomes arising from our research.

**From a strong field of applications from 33 principal investigators, we supported and commenced the following new research projects in 2009. These projects supported our defined research themes and vision for creating new benefits for Māori and for the country from excellent Māori-focused research.**

**Research theme: Healthy communities in healthy environments**

Research sub-theme: Strengthening the generations

**Project title: Kaumatua: Taonga Aroha**

Project leader: Dr Lorna Dyall, The University of Auckland

This longitudinal study will provide new understanding of the relative importance of family and whānau generational issues, health, cultural, social and economic factors in predicting quality of life, successful ageing and survival for older Māori. Ngā Pae o te Māramatanga will enable the project to maximise engagement with iwi and hapū through effective study management.



With each providing for a maximum of \$1.5 million over three years, these grants are for research programmes that can make the greatest difference over a fifty-year period to either te reo Māori or Māori Economic Development. We established two expert independent advisory panels that will review and select the best proposal in each area. It is an exciting initiative, and at year's end had attracted a strong field of 32 expressions of interest from research groups. Programmes of research are expected to be underway by July 2010.

In 2009 we finalised the first projects we support through our Whānau Ora programme run in partnership with the Health Research Council, the Accident Compensation Commission and the Families Commission. Under this programme two research projects on whānau resilience are being undertaken, one led by Professor Mason Durie and Dr Te Kani Kingi at Massey University, the other by Dr Heather Gifford and Dr Amohia Boulton at Te Maru o Ruahine Trust. A further three related development projects at a community level are being funded by our Whānau Ora programme at the Kirikiriroa Research Centre in Hamilton, through Turanga Health in Gisborne and through the Tūhoe Education Authority Charitable Trust at Taneatua.

We are at an exciting stage in contributing significantly to a new body of knowledge from a Māori perspective. Our International Research Advisory Panel plays a valuable role in also helping us to review and refine our priorities from a global perspective. We were very pleased with the success of our two international research wānanga delivered in Rotorua last year, which together involved 30 participants, and a continued high level of international interest in our research and objectives. This was reflected in our collaboration with Ho'okulāiwi 'Aha Ho'ona'auao 'Ōiwi (Hawai'i), the Pacific Rim Consortium of Research Centres and the American Educational Research Association during the year.

We now work closely with indigenous groups from Canada and the United States and Inuit researchers at Fairbanks University in Alaska, and with Hawaiian, Marshall Islands, Tongan, Fijian, Samoan, Cook Islands and Aboriginal peoples from Australia as well as indigenous Chinese, Mongolian and Taiwanese peoples. These partnerships enable international indigenous dialogue, knowledge sharing, research collaborations and strong networking. Making a local impact often also involves having the ability to think globally. It was good to see this dimension to our work strengthen in 2009. It bodes well for further success in the coming year.

**Project title: Aitua: Death in a changing Māori world**

Project leader: Professor Ngahua Te Awekotuku, University of Waikato

This study is focusing on redressing a dearth of scholarly information on tangi, the ultimate form of Māori cultural and community expression. The study will consider and provide new research on tangi practice, whakapapa, changing environments, community values, transforming rituals and what it means to be Maori.

**Project title: Au e ihu! Nga Morehu Taua: Those that are left must endeavour to complete the work**

Project leader: Ted Waaka, 28 Māori Battalion D Company Charitable Trust

Working collaboratively with veterans, this research team are completing the first-ever collation and analysis of all interviews, narratives and records collected by the 28 Māori Battalion D Company over an 11-year period to ensure that the voices and perceptions of the veterans and those around them emerge fully as a result.



Pae Tawhiti Te Reo Māori Advisory Panel, Ngā Pae o te Māramatanga

**Project title: Virtual repatriation – A database of Māori taonga in overseas museums**

Project leader: Arapata Hakiwai, Te Papa Tongarewa

While thousands of Māori treasures are held in museums, art galleries and private collections all around the world, knowledge of them has been largely confined to relatively few museum personnel, academics and scholars. By establishing a new database of all treasures held overseas this project will ensure that Māori taonga and information about them is readily accessible.

**Research theme: Transformation of society and the economy**

**Project title: Commercial feasibility of using mātauranga Māori-based fish traps to eliminate bycatch**

Project leader: Dr Shaun Ogilvie, Cawthron Institute

This project aims to address the problem of unwanted bycatch by assessing the economic feasibility of fish traps from mātauranga Māori. Under the Quota Management System catching too many non-target species can require commercial fishers to also stop fishing for target species. By testing traditional traps that target individual species this project seeks to address an important commercial and environmental challenge.

**Research theme: New frontiers of knowledge**

**Project title: Harvesting the fruits of Papatūānuku – A kaitiaki approach to geothermal development**

Project leader: Dr Dan Hikuroa, The University of Auckland

A recent Treaty of Waitangi tribunal outcome has affirmed Māori ownership of considerable geothermal resources. But as yet no model exists that accounts for kaitiakitanga in their further development. The project seeks to identify approaches that will satisfy a quadruple bottom-line requirement in Māori science and commerce of economic, environmental, social-cultural and spiritual well-being.

**Project title: Towards the new tapere: The creative potential of mātauranga Māori in the performing arts part II**

Project leader: Dr Charles Royal, Orotokare: Art, Story, Motion Trust

This project explores how fragments of knowledge concerning Whare tapere (traditional 'houses' of storytelling, dance, music etc) can be utilised in a contemporary arts project. Developing a new Whare tapere work employing traditional ideas of haka-dance not seen in contemporary kapa-haka, the project also considers traditional ideas about space and venues for performance and the potential of whakaahua as a way of performing and informing the creation of physical structures and art works.



A kaitiaki approach to geothermal development: Dr Dan Hikuroa, Institute of Earth Science and Engineering, The University of Auckland



**Project title: The Donald McLean Papers – Letters in Māori**

Project leader: Professor Ngapare Hopa, Jefferson Rakau Ltd

The McLean letters in Māori contain some 3,000 letters written by leading chiefs to government agent Donald McLean in the 19th century. They are extraordinary for their number and also for revealing how the chiefs saw and responded to the changes of the time. This project continues the process of transcribing and translating a unique taonga that provides a rare insight into the formative period of New Zealand’s colonial history.



**Project title: Whatukura: A bioengineered model of the human eye**

Project leader: Dr Jason Turuwhenua, The University of Auckland

This project is developing a computer-based model of the human eye to enable new understanding of eye disease and treatments. As past negative experiences for Māori in the health system have sometimes affected their uptake of services this project will also provide a sophisticated new tool for patients and families to understand eye and vision exams and obtain better clinical outcomes.

**Commissioned Research**

We also commissioned a research project under the research sub-theme of Developing Healthy Communities, Trends in Wellbeing for Māori Families, 1981–2006, led by Associate Professor Cynthia Kiro, at Massey University.



This project is contributing to the key policy area of whānau ora/ family wellbeing via new analysis of the wealth of data contained in the six national household censuses of 1981 to 2006. Indicators of family wellbeing have been developed to identify trends across 25 years and the team have produced several reports and publications on measuring changes and key factors affecting family and whānau wellbeing.

## A NEW RESEARCH PATH IN MĀORI SCHOLARSHIP

The first research project Dr Joanna Kidman, a senior lecturer in Education at Victoria University of Wellington, undertook with support from Ngā Pae o te Māramatanga in 2003 was perhaps a departure from conventional approaches. But by enabling young Māori to map their lives in photos that they took she created a unique document of how they saw the world. It also helped start a research path that last year saw Joanna selected as a Fulbright Scholar to join an international study of indigenous student motivation in science at the University of New Hampshire.

Joanna says Ngā Pae o te Māramatanga gave her the freedom to try out a novel methodology in showing current Māori adolescent social landscapes in an entirely new way. The CoRE also provided a whole new academic network. “I can remember before Ngā Pae o te Māramatanga, when you often felt you were in a fragmented and isolated environment. Now I can pick up the phone and talk directly and immediately with a fellow Māori academic. There is a new sense of an intellectual movement where we can articulate a much more cohesive vision.”

Reflecting the CoRE’s kaupapa, Joanna is helping young researchers build capability. The Fulbright also has a strong future focus. Recent US research has shown how important cultural context is for learning. Joanna will see if this can offer guidelines for New Zealand – and more fresh thinking on successful education and Māori youth.

“I can remember before Ngā Pae o te Māramatanga, when you often felt you were in a fragmented and isolated environment. Now I can pick up the phone and talk directly and immediately with a fellow Māori academic.”





Fresh thinking on successful education: Dr Joanna Kidman, whose research supported by Ngā Pae o te Māramatanga helped lead to a Fulbright scholarship

For knowledge to be exchanged it must first be generated. But the two processes often support each other, and the goal of seeking maximum impact from any research is one that the Knowledge Exchange Programme has always sought to advance as quickly as possible. In 2009 it was pleasing to see continued rapid progress in engaging with wide audiences and real consolidation around many initiatives that also collectively contribute to the emergence of a new scholarly community.

A key initiative for us in the year was the decision to direct new focus to our journal, *AlterNative: An International Journal of Indigenous Peoples*. *AlterNative* is one key academic face to the local and international research world and is the first international academic journal dedicated to indigenous peoples launched anywhere. *AlterNative* now receives submissions representing viewpoints of some of the more than 5000 indigenous groups across the world. In 2009 we saw an increasing number of articles from Africa and Europe, along with articles by Māori, North American, Sami, Tongan and Hawaiian writers. As a result of this input, *AlterNative* has become something of a trailblazer for indigenous study all around the world. Reflecting this role, we changed the journal's sub-title, from 'An International Journal of Indigenous Scholarship' to the new form noted above. In February we supported this move further with the launch of a new online portal, which has already started to build a strong following. To ensure quality, we were delighted to be able to welcome Dr Sam Elworthy, Director of the Auckland University Press, to the *AlterNative* Board. We are retaining the services of our outgoing Joint Directors, Professor Michael Walker and Dr Tracey McIntosh as the journal Editors. We were also very pleased to appoint Dr Helen Ross as our first full-time Production Manager – Publications. Formerly a publishing editor for the Royal Society in London, Helen brings exceptional academic and professional qualifications to this role. She is also managing the production of *MAI Review*, an online journal, while our Journal Coordinator, Phoebe Fletcher, is providing additional resource in managing a highly successful new approach to ensuring high-quality peer review.

This investment of energy is enabling us to significantly speed up the process between research being completed and publication. Rapid publication in a journal specialising in indigenous research combined with quality peer review increases the value of the journal to both authors and readers of the journal and accordingly helps us contribute to a further multiplier of benefits with research that is current and disseminated quickly. The standard we have set ourselves in this regard is to be on a par with the best science publications, who have long been leaders in academic publishing and ensuring publication keeps pace with research.

In 2009 we recommenced a public seminar series. The seminars were recorded on video and posted to our website. Seminars delivered in 2009 included Dr Daniel Hikuroa presenting a case study of environmental management techniques near the Tarawera River as an example of how mātauranga, or traditional Māori knowledge, may be integrated with the approaches of Western science; Dr Joe Te Rito (Knowledge Exchange Programme Leader) on using recorded voices of elders to help revitalise the Māori language; and Dr Todd Dennis on further innovations in understanding the movement of vagile (or wandering) possums using high-tech GPS systems in areas where possuming can play an important role in rural Māori economies.

The strong community appetite for research arising out of Ngā Pae o te Māramatanga was perhaps most strikingly shown in the continued success of the Knowledge Exchange Event Support Grants. The number of events we were able to support grew from nine in 2008 to twelve in 2009 and attracted over 1100 participants. Organisations we partnered with on these

events are shown on Pages 10 and 11. The areas they covered included an indigenous languages symposium at the University of Canterbury, attended by 60 participants, and a hui run in conjunction with Manaaki Whenua - Landcare Research in Gore on bicultural approaches to managing a riverine system, attended by 70. Responding to rapidly moving circumstances, we also co-sponsored a conference on Māori inclusion in the Auckland Super City proposals, attended by the Minister of Māori Affairs and an audience of 200.

Underlying the process of exchanging knowledge is the more lasting one of creating new communities. Our researchers frequently comment on the value of being brought into new multi-disciplinary environments that would not normally be available to them. In continuing to foster this process we assisted six researchers to publish findings on research ranging from Māori in Parliament to parental decision-making about childhood vaccines. We supported 21 researchers in disseminating their work at national and international conferences on topics ranging from Science in Society at the University of Cambridge in the United Kingdom to a transcultural mental health symposium in Western Australia. We were very pleased with the widespread media and other attention given to the launch of *Te Ara Pūtaiao – Māori Insights in Science*.

Looking to 2010, we successfully laid the foundations for our fourth mātauranga Taketake Traditional Knowledge International Conference. To be held at the University of Auckland in June, this will be on the theme of 'Kei muri i te awe kāpara, he tangata kē' — 'Recognising, engaging, understanding difference.' By the year's end we had confirmed five leading keynote speakers from New Zealand, Australia and Canada and registered 80 indications of interest. At an early stage in planning this reflected a high level of interest in this event – and, as with all our activities, in the areas of knowledge dissemination where Ngā Pae o te Māramatanga's contribution is increasingly sought out.



Engaging with wide audiences across many disciplines, with (at right) Moana Nepia, of the Auckland University of Technology, leading an exhibition: Conversations in Māori Dance at Saint Paul Gallery in Auckland

## NEW FOCUS ON EDUCATION FOR THE VERY YOUNG

Few tasks are more important for the future than how we educate our young children. But when a group of Māori women involved with young Māori children and their families looked around for additional support, they found a surprising gap in discussion and resources in early childhood forums from a specifically Māori child focused point of view. Says one of the group, Brenda Soutar, a Leader/Facilitator at Tautāwhi Limited which assists Māori educators: “In this field you have to be able to share knowledge and perspectives in order to progress.”

Brenda (Ngāti Awa, Ngāti Porou), a kōhanga reo teacher, says. “What we really needed was to have people around us talking our language and understanding our role when working with young Māori and their families.”

The upshot was a hui convened in June 2009. More than 130 people gathered for the first Te Hīnātore, National Hui for Māori working with young Māori children and their families, at Te Kupenga o te Mātauranga, at Massey University College of Education in Palmerston North.

Supported by Ngā Pae o te Māramatanga, who co-sponsored the event with the Royal Society of New Zealand, the hui allowed a sharing of information and goals among people who focus on educating young Māori. It was, says Brenda, also a crucial first step in adopting a more global perspective for a challenge faced by indigenous communities all over the world.

With the national hui providing for all sectors involved with young Māori to build relationships, an inaugural international hui is planned for 2012 with “tāngata whenua” worldwide. It is part, Brenda says, of bringing a special educational community together and of building new strength, and advocacy for, a better future for young Māori.

“In this field you have to be able to share knowledge and perspectives in order to progress.”





Focussing on the needs of the very young: last year we helped bring together educators to share insights on teaching very young Māori children

By definition, a firm focus on the future is implicit in the work of the Capability Building Programme. Indeed, as noted elsewhere in this report, we believe that increasing the contribution Māori make intellectually across all aspects of life is one of the greatest opportunities available to the country. This can take many forms, but a valuable measure is in the number of Māori PhDs. This remained a key focus in 2009. As well as achieving high total numbers of PhD students we also increased our efforts to target more PhDs in younger age groups.

A central part of our activity is the MAI Te Kupenga programme. As a national network of Māori and indigenous PhD candidates, this has proven highly effective in enabling students to progress research careers. Last year some 400 students participated in the programme and the unique opportunities it offers for building not only skills but also a community of peers via face-to-face and online groups and meetings. The programme has traditionally focused largely on supporting the emergence of a new critical mass of doctoral scholars. However, because doctorate preparation usually begins in the early postgraduate stages of a study career, in 2009 we extended the programme to include typically younger students at Honours and Masters levels. Across the network sites, over 200 seminars, workshops and hui were held during the year.

The programme's online *MAI Review* journal, which publishes articles over a wide range of topics, also builds academic and research capability by providing information and dialogue (via the Te Kokonga section) on career development, leadership and mentoring. With the number of hits this site records staying steady on 3000 a day last year, the three issues of the journal published 57 peer-reviewed articles in 2009 and marked 10 issues since it was started in 2006 with an overall total of 171 articles. We were pleased to be able to expand its editorial team, with the appointment of Dr Helen Ross as Production Manager - Publications bringing valuable additional international and scholarly experience.

Alongside these direct forms of support to students, in 2009 we advanced a major Capability Building project developing a revised curriculum framework for graduate study. This project aims to meet academic criteria in a way that also more successfully embraces a Māori world in which Māori can achieve academic success.

The curriculum framework is underpinned by a profile of attributes for Māori PhD graduates that goes beyond the standard academic norm. Such a profile helps design a curriculum of study and training to be placed clearly at the centre rather than at the periphery of current programmes of academic and professional preparation. A basic aim is that the framework clearly meets academic criteria in a way that embraces the Māori world and its values and visions. This framework was used as a guide for workshops on building capability in scholarship as well as being culturally grounded in Māori identity. Many Māori students are the first in their families to attend university and understanding the institutional processes and scholarly journey is vital to their being able to make informed decisions and direct their education in a way that is advantageous to individual and whanau well-being. With this in mind, the workshops focused on topics including personal development, institutional knowledge, academic skills, career pathways and leadership in one's career development and community.

Underpinning all the work of the Capability Building team is the direct support we provide students in advancing their studies and in building a strong community of peers. Indeed, some of the intangible values of this process are precisely what successful students repeatedly cite as having made the key difference in enabling them to complete their studies. As in previous years, our Doctoral Writing Retreat, run over nine days in January at the Tainui College at Hopuhopu, was fully subscribed with over 30 participants. The annual MAI Doctoral Conference, held over three days and hosted by MAI ki Ōtākou at the Puketeraki Marae of Kāti Huirapa Rūnaka ki Puketeraki, in Karitane, Otago, attracted more than 120 participants. The theme for this conference, Te Mahi ki te Hāpori, or Working with



Communities, reflected both the CoRE's mandate and a global impetus to tie research and communities more closely together and, wherever possible, ensure that all kinds of research can be mindful of the potential community benefits it offers. We awarded 13 pre-doctoral research internships that allowed students to work on supervised projects over summer and 24 doctoral scholarships distributed throughout the MAI network. Four short-term (four-month) Doctoral Bridging Grants were also awarded during the year which resulted in international publications and expanded research activity.

As across many areas of the CoRE, our collaborative relationships expanded. In addition to our current joint internship research awards with the Allan Wilson Centre for Molecular Ecology and Evolution, we initiated a new agreement with Fulbright New Zealand for three specific research awards to be launched in 2010. Strategic alliances were also formed with Scion, the Crown Research Institute building the international competitiveness of the New Zealand forestry, and Manaaki Whenua - Landcare Research. These will strengthen our ability to contribute to relevant areas of iwi-based research and development. We expanded our collaboration with MANU AO, a national inter-university Māori academy for academic and professional advancement supported by the New Zealand Vice-Chancellors' Committee in association with all eight New Zealand universities. This relationship now includes a project to jointly provide high-level courses on leadership, which will be fully underway in 2010. By the end of 2009, the development of a new online Māori Scholars Directory (*Te Pukenga Tukutuku*), which will further facilitate bringing pre-PhD and post-PhD Māori scholars together, remained on track for launching in the new year.

As will be evident, much of what the Capability Building programme provides extends beyond the usual. And, in seeking continually to improve effectiveness, we were also pleased in 2009 to complete data analysis in a research project entitled "Teaching and learning in the supervision of Māori Doctoral Students". This has been widely disseminated and provided new strategic value in continuing to build our knowledge and practice. Once again, it was rewarding to see the high levels of support expressed for the programme by students and by partners. This reflected strong gains – and continuing effective investment in the development of the intellectual capital of Māori.





**Sir Tipene O'Regan**

Ngāi Tahu, Chairman

Sir Tipene is the former Chair of the Ngāi Tahu Māori Trust Board, Ngāi Tahu Holdings Corporation, Mawhera 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 and is currently on the boards of several companies in New Zealand and Australia. Sir Tipene is a former Assistant Vice-Chancellor (Māori) at the University of Canterbury where he holds an Honorary Doctorate in Literature. He also holds Honorary Doctorates of Commerce from Lincoln University and Victoria University of Wellington. He is a Distinguished Fellow of the Institute of Directors.



**Associate Professor Jan Crosthwaite**

Associate Professor Crosthwaite is Dean of Arts at the University of Auckland where she has been involved in the administration of the Faculty and the University at a senior level over many years. Holding a PhD in Philosophy, Jan's teaching and research interests include bioethics, feminism, applied ethics and social philosophy.

Previous roles she has held at the university include Associate and Deputy Dean of Arts and Head of the School of European Languages and Literatures She has served on the Academic Programmes Committee, the Teaching and Learning Quality Committee, the Board of Studies for General Education and the Curriculum Commission. Jan is currently a member of the University Council elected by lecturers.



**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 foetal 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, Jane was made an Officer of the New Zealand Order of Merit in 2002.



**Professor John Morrow**

Professor Morrow was the Dean of Arts until July 2009, and Professor of Political Studies at the University of Auckland where he is now Deputy Vice-Chancellor (Academic). He has published extensively on the history of political thought, and has been a Bye Fellow of Robinson College, Cambridge, a Guest Lecturer and Visiting Scholar at the Folger Centre for the Study of British Political Thought, Washington, DC, and a Visiting Fellow at the Institute for Advanced Studies in the Humanities at the University of Edinburgh. Formerly Professor of Political Theory in the School of History, Politics and Philosophy, and Pro-Vice Chancellor (Research) at Victoria University of Wellington, John is a Trustee of the Humanities Council of New Zealand.



**Mrs Alison Paterson**

Mrs Paterson is currently chair of Abano Healthcare Ltd, BPAC NZ Ltd, EACC Oversight Committee (Ambulance NZ) and the Board of Governance of the National Research Centre for Growth and Development (NRCGD) at the University of Auckland. She is a director of Vector Ltd and Metrowater Ltd and a councillor of Massey University.

She was previously chairman of Landcorp Ltd, Waitemata Health Ltd and DHBNZ, Deputy Chair and Director of the Reserve Bank and Health Waikato Ltd and a Barnardos councillor.



**Mr Jim Peters**

Ngāti Wai, Ngāti Hine  
and Ngā Puhi

Mr Peters is Pro Vice-Chancellor (Māori) at the University of Auckland. He was formerly Head of Department of History, Geography & Social Studies at Mt Albert Grammar School and Principal of Northland College in Kaikohe. Jim was elected to Parliament representing the New Zealand First Party from 2002 to 2005. His community interests include being a member and Chair of Northland Regional Council and memberships of the National Council of Local Government and the Animal Health Board Members' Committee.



**Mr Mike Stevens**

Ngāti Raukawa, Ngāti Kauwhata

Mr Stevens is a member of the New Zealand Universities Academic Audit Unit and a Trustee of Te Tohu Tākaro o Aotearoa Charitable Trust. He is a former director of Moana Pacific Fisheries Limited and associated companies and a current director of Whaingaroa Fisheries Company Limited. Mike has held a variety of senior public and private sector positions and now runs his own consulting company, Taiaho Limited, focusing on iwi commercial development.



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Te Whare Wānanga o te Upoko o te Ika a Maui



## PARTICIPATING RESEARCH ENTITIES

The following research organisations, including all of New Zealand's eight universities, are institutional members of Ngā Pae o te Māramatanga.

Auckland University of Technology

Auckland War Memorial Museum

Lincoln University

Manaaki Whenua - Landcare Research

Te Papa Tongarewa

Te Tapuae o Rēhua

Te Taihū o Ngā Wānanga

Te Whare Wānanga o Awanuiārangi

Te Wānanga o Aotearoa

The University of Auckland acting through Te Wānanga o Waipapa

The University of Waikato acting through its Māori Education Research Institute

The University of Otago acting through the Eru Pomare Health Research Centre

University of Canterbury

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

Waikato Raupatu Lands Trust

## NGĀ PAE O TE MĀRAMATANGA PUBLICATIONS AND OTHER OUTPUTS

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### Ngā Pae o te Māramatanga Supported Conferences and Events

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- Māori and Local Government : Ko Tēhea te Huarahi Tika mo te Tino Rangatiratanga?* Hui supported by Knowledge Exchange Event Support Grant. Organised by AWHI Developments Ltd & IHI. Held at UNITEC Marae, Auckland. 4 December 2009.
- Te Hinātore – National hui for Māori working with young Māori children and their families: Bringing us together in a celebration of our diversity as Māori across the sector*. Hui supported by Knowledge Exchange Event Support Grant. Organised by Tautāwhi Ltd. Held at Te Kupenga o te Mātauranga Marae Complex, Massey University College of Education, Palmerston North, Aotearoa, New Zealand. 18–20 June 2009.
- Te Kounga o Te Reo: Benchmarking the Māori Language*. Wānanga supported by Knowledge Exchange Event Support Grant. Organised by Te Ipukarea: National Māori Language Institute. Held at Te Ara Poutama, Faculty of Maori Development, AUT. 18–20 November 2009.
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## NGĀ PAE O TE MĀRAMATANGA PUBLICATIONS AND OTHER OUTPUTS

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### Conference Papers and Presentations

- Baker, J. (2009, October). *Te Māori Te Hokinga Mahara – Re-imagining Te Māori/Re-imagining Te Māori*. Paper presented at the National Māori Doctoral Student Conference, Otago, New Zealand.
- Charters, C. (2009). *Norm fragmentation in Indigenous peoples’ rights under international law*. Paper presented at the Hebrew University of Jerusalem Conference.
- Cheung, M. (2009, September). *The potential of primary human brain fibroblasts as test systems for identifying cytoprotective agents*. Paper presented at the World Congress on Huntington’s disease, Vancouver, BC, Canada.
- Dennis, T. E. (2009, March). *‘Movement’ ecology of the common brushtail possum: technologies, considerations, possibilities*. Paper presented at the Wildlife Monitoring with Sensor Technology Workshop, Cambridge, UK.
- Faull, R., & Cheung, M. (2009, March). *He tangata! He tangata! He tangata! Tangata-centred research relationships*. Paper presented at the HRC Hui Whakapiripiri Māori Health Conference, Auckland, New Zealand.
- Gillon, G., & Macfarlane, A. (2009, October). *Realising potential in all children*. Keynote address at the Literacy Research Symposium, Christchurch, New Zealand. Macfarlane, A. (2009, September).
- Graham, J. (2009, April). *Looking backwards to move forwards – Indigenous research born out of whakapapa (genealogy) and a connection to land*. Paper presented at the AERA (American Educational Research Association) Annual Meeting at the Annual Educational Research Association, San Diego, CA.



## NGĀ PAE O TE MĀRAMATANGA PUBLICATIONS AND OTHER OUTPUTS

- Harwood, H. (2009, October). *Identifying feathers and use of birds in Te Papa's Māori feather cloaks*. Paper presented at the Weavers National Hui, Wairoa, Aotearoa New Zealand.
- Henry, E. (2009, March). *Indigenous entrepreneurship, social entrepreneurship in Indigenous communities*. Panel presentation at the Skoll World Forum on Social Entrepreneurship, Oxford, UK.
- Hikuroa, D. (2009, August). *Towards the integration of Indigenous knowledge with science – A New Zealand example*. Paper presented at the International Conference on Science in Society, Cambridge University, UK.
- Hikuroa, D. C. H., Borella, M. W., & Gravley, D. M. (2009, October). *Kaitiakitanga and frontiers abroad: A new field-based study abroad approach that integrates New Zealand indigenous concepts of guardianship with environmental sciences and modern resource management practices*. Paper presented at the Geological Society of America Annual Meeting, Portland, Oregon.
- Hikuroa, D. C. H., Dougherty, A., Gravley, D. M., Malin, P. M., & Lindsay, J. (August 2009). *Multi-hazards in New Zealand*. Paper presented at The 5th APRU Research Symposium: Multi-Hazards around the Pacific Rim, Taipei, Taiwan.
- Hikuroa, D. C. H., Morgan, T. K. K. B., Henare, M., & Gravley, D. M. (November 2009). *Realising New Zealand's energy potential: A kaitiaki approach to geothermal development*. Paper presented at Geosciences '09, Oamaru, New Zealand.
- Hikuroa, D. C. H., Morgan, T. K. K. B., Henare, M., & Gravley, D. M. (November 2009). *Towards realising New Zealand's energy potential: A kaitiaki approach to geothermal development*. Paper presented at New Zealand Geothermal Workshop, Rotorua, New Zealand.
- Hohepa-Watene, T. K. (2009). *Implementing successful e-learning within Te Wānanga o Aotearoa's social services programmes*. Paper presented at the International Sociological Association Research Committee on Participation, Organizational Democracy and Self-Management RC10,
- Joseph, R. (2009, May). *Revisiting indigeneity in New Zealand and Canada: The politics of Māori and Aboriginal community identity – diversity, division and dissent*. Paper presented at the Politics of Identity and Community: Learning from One Another Conference, Ottawa, Canada.
- Kawharau, M. (2009, December). *Developing a Web 2.0 resource for Māori youth: bringing together two worlds in digital format*. Paper presented at the Philosophy of Education Society of Australasia Conference, Honolulu, HI.
- Kennedy, V., Paipa, K., & Pipi, K. (2009, November). *Lessons learned from working with our own: Reflections on how personal values and experience contribute to working in an Indigenous context*. Paper presented at the the American Evaluation Association Annual Conference, Orlando, FL.
- Kennedy, V., Paipa, K., & Pipi, K. (2009, November). *Supportive pathways for emerging Indigenous evaluators: from corporate, business and community lives to evaluation*. Paper presented at the American Evaluation Association Annual Conference, Orlando, FL.
- Landcare Research New Zealand Limited. (2009). *Whakamihia, whakanuia, kia tata whakamaua – Celebrating success and looking forward*. Paper presented at the Knowledge dissemination hui.
- Macfarlane, A. (2009). *Discipline, Democracy and Diversity: Culturally responsive practices*. Keynote address at Waikato Principals Association Quarterly Meeting, Hamilton, New Zealand.
- Macfarlane, A. (2009, August). *Discipline, democracy and diversity: Culturally responsive practices*. Keynote address at the PPTA Waikato Inter-Regional Conference, Hamilton, New Zealand.
- Macfarlane, A. (2009, February). *Culture and psychology: An educultural approach*. Keynote address and workshop at the New Zealand Psychological Society Meeting, Wellington, New Zealand.

## NGĀ PAE O TE MĀRAMATANGA PUBLICATIONS AND OTHER OUTPUTS

- Macfarlane, A. (2009, July). *Culturally promising practices. He pūmanawa – a beating heart*. Keynote presentation at the Teacher Refresher Course Committee TRCC Conference, Wellington, New Zealand.
- Macfarlane, A. (2009, July). *Culturally responsive practices: Integrating body, mind and heart*. Keynote presentation at the Physical Education New Zealand Te Reo Kori Aotearoa National Conference 2009, Tauranga, New Zealand.
- Macfarlane, A. (2009, June). *Discipline, democracy and diversity: Educultural pathways to progress*. Keynote presentation for the Prestige Lecture Series, College of Education, University of Canterbury, New Zealand.
- Macfarlane, A. (2009, June). *Toward educultural thinking and practice. Ideas for school leaders – some old, some new?* Keynote address at Education Plus 'Open Day', University of Canterbury, New Zealand. 5 June 2009.
- Macfarlane, A. (2009, May). *Collaborative action research network*. Keynote address at the CARN Symposium, University of Canterbury, New Zealand.
- Macfarlane, A. (2009, May). *Maximising learning in diverse classrooms: Educultural pathways to progress*. Keynote presentation at the CoroNet Learning Conference. Refining our thinking – Raising their achievement, Coromandel, New Zealand.
- Macfarlane, A. (2009, October). *Taiohi Toa: Māori students experiencing success*. Keynote presentation at the New Zealand Special Education Association NZSEA Seminar Series. Canterbury, New Zealand.
- Macfarlane, A. (2009, September). *Discipline, Democracy and Diversity: Culturally responsive practices*. Presented at Canterbury Restorative Schools Network: Professional Development day. University of Canterbury.
- Manuel, R. D., & Morgan, T. K. (2009). *Mum, I want to be an engineer: Differential access to high ability mathematics standards*. Paper presented at the New Zealand Association for Research in Education, Rotorua, New Zealand.
- McKinley, E., Grant, B., Middleton, S., Irwin, K., & Williams, L. R. T. (2009, April). *Māori doctoral students' experiences of supervision*. Paper presented at the American Education Research Association (AERA) Conference, San Diego, CA.
- Mutu, M. (2009 May). *The New Zealand government's Treaty of Waitangi claims settlement process*. Presented at the meeting of the United Nations Permanent Forum for Indigenous People, United Nations, New York.
- Mutu, M. (2009, August). *Rehabilitating Fagin and recovering his ill-gotten gains*. Paper presented at Challenging Land Loss: Indigenous Legal and Political responses to Land-grabbing International Conference, La Trobe University, Melbourne.
- Ngaha, A. (2009, July). *Distance: the divide that stifles language learning – accelerates language loss*. Paper presented at the second International Conference on Philology, Literature and Linguistics, Athens, Greece.
- Ngaha, A. (2009, July). *Whose research? Engaging in academic research in Māori communities*. Paper presented at the Fourth International Conference on Interdisciplinary Social Sciences, Athens, Greece.
- Nock, S. (2009, June). *Exploring synergies between Māori pedagogy and communicative language teaching*. Paper presented at the Te Toi Roa Conference, Hamilton, New Zealand.
- Palmer, S. (2009). *Māori research ethics framework*. Paper presented at the Research to Practice – Practice to Research Conference.
- Pehi, P. (2009, July). *The need for "flax-roots" driven research of customary fisheries in Aotearoa New Zealand*. Paper presented at the 15th International Symposium on Society and Resource Management, Vienna, Austria.
- Pere, L. (2009). *What's it gonna take? The importance of really hearing Indigenous mental health understandings*. Paper presented at the 3rd WA Transcultural Mental Health Conference, Perth, Western Australia.
- Rakena, T. O. (2009, May). *Tui, tui, tuia: A performance exercise in hybridity in Aotearoa/New Zealand*. Paper presented at Performa: A Conference on Performance Studies, Aveiro, Portugal.

## NGĀ PAE O TE MĀRAMATANGA PUBLICATIONS AND OTHER OUTPUTS

- Rautangata, K. (2009, October). *A Māori Repository – Storehouse of Knowledge – to heighten awareness and to share knowledge of the unique traditions of Māori in how we maintain our cultural preservation of art and relevant information*. Paper presented at the Tribal Archives, Libraries, and Museums Conference, Portland, Oregon.
- Russell, P. (2009). Paper presented at the National Māori Doctoral Students Conference, Otago, New Zealand.
- Russell, P. (2009, August). Paper presented at the 6th Annual General Meeting of the Asia Oceania Geo Sciences Society (AOGS), Singapore.
- Russell, P., & Vennell, R. (2009). *Observation of Secondary Flow and Upwelling at Cape Saunders, Otago Peninsula*. Paper presented at the Coasts and Ports Conference, Wellington, New Zealand.
- Sippel, T. J., Dennis, T. E., Montgomery, J. C., & Holdsworth, J. C. (2009, April). *Modelling behavioural changes of satellite-tagged striped marlin (*Kajikia audax*) in the South Pacific Ocean*. Paper presented at the Annual Conference for the Australasian Society for the Study of Animal Behaviour, Auckland, New Zealand.
- Slade, A., & Hikuroa, D. C. H. (2009, June). *Using boron isotopic compositions to identify the origin of water: Contaminants from landfill site or geothermal activity*. Paper presented at Goldschmidt 2009, Our Volatile Planet, Davos, Switzerland.
- Tauoni, R. (2009, September). *Mana Tamariki, Takahi Tamariki – Māori Child Pride, Māori Child Abuse*. Paper presented at the Children and the Law: International approaches to children and their vulnerabilities conference, Prato, Italy.
- Tauri, J. (2009, June). *The restorative justice industry, the State and First Nations*. Paper presented at the 2nd International Conference: Widening Our Lens – Connecting Our Practise, Vancouver, Canada.
- Te Rito, J. S., & Nuku, P. (2009, May). *Teaching Māori language by radio using conversational dialogue*. Paper presented at the 16th Annual Stabilizing Indigenous Languages Symposium, Tempe, Arizona.
- Te Rito, J. S. (2009). *Teaching Māori language using conversational recordings*. Invited Speaker, *Te Puna Wānanga Research Series*, The University of Auckland, New Zealand.
- Te Rito, J. S. (2009, January). *Ngā reta a taku kuia*. Keynote address presented at Kura Reo, Waimārama Marae, Hawke's Bay, New Zealand.
- Te Rito, J. S. (2009, July). *Te tipu-haeretanga o te reo Māori mai i ngā tau whitu-tekau o tērā rautau: development of the Māori language since the 1970s*. Māori Language Week Invited Speaker, Te Puna Wānanga, The University of Auckland, New Zealand.
- Te Rito, J. S., & Nuku, P. (2009). *Using Archival Recordings from a Māori Radio Station to Revitalize Māori Language*. Paper presented at the 16th Annual Stabilizing Indigenous Languages Symposium, Tempe, Arizona, USA
- Timms, K. (2009). *Revitalising languages in the community: Language planning in Aotearoa New Zealand and Alba Scotland*. Paper presented at Using Gaelic: Criteria in language maintenance in the community, Isle of Skye, UK.
- Tinirau, R. S., & Tinirau, R. (2009, April). *Tikanga – he taonga hunahuna: Understandings of tikanga amongst elders of Ngāti Ruaka/Ngāti Hine*. Paper presented to the American Educational Research Association, San Diego, CA.
- Tipene -Matua, B. (2009, November). *Our Lands, our waters, our peoples*. Paper presented at the Asia Pacific Science, Technology and Society (STS) Network, Brisbane, Australia.
- Toki, V. (2009, June). *Māori, treaty and mental health – is the answer an Indigenous mental health or re entry court?* Paper presented at the XXXIst International Congress on Law and Mental Health, New York, USA.
- Toki, V. M. (2009). *Therapeutic jurisprudence, mental health courts for Māori*. Presented at the International Academy of Mental Health Law Conference, New York.

## NGĀ PAE O TE MĀRAMATANGA PUBLICATIONS AND OTHER OUTPUTS

- Toki, V. M. (2009, June). *Domestic violence and women – Can a therapeutic jurisprudence approach assist?* Presented at the John Jay College of Criminal Justice International Conference: Justice and Policing in Diverse Societies, San Juan, Puerto Rico.
- Toki, V. M. (2009, May). *Domestic violence courts – A comparative view.* Paper presented at the Just Partners – Family Violence, Specialist Courts and the Idea of Integration conference, Canberra, Australia.
- Winitana, M. (2009, October). *Feel the fear but do it anyway! Mana wahine Māori and the eSurvey.* Paper presented at the National Māori Doctoral Student Conference, Otago, New Zealand.
- Woods, H. (2009). *Human Rights in Mining.* Paper presented at the Human Rights in Mining Workshop.

### Published Conference Papers

- Davis, N., Fletcher, J., Groundwater-Smith, S., & Macfarlane, A. (2009). The puzzles of practice: Initiating a collaborative action and research culture within and beyond New Zealand. Rotorua, New Zealand: *NZARE Conference & Annual Meeting, 30 Nov-4 Dec 2009.* 14pp.
- Mutu, M. (2009, April–May). A history of Māori studies at the University of Auckland, New Zealand. In *The Proceedings of The International Symposium on Indigenous Peoples, Education and Policies, National Dong Hwa University, Hualien, Taiwan, 30 April–May, 2009.*
- Tinirau, R. S., & Tinirau, R. (2009, April). Tikanga – he taonga hunahuna: Understandings of tikanga amongst elders of Ngāti Ruaka/Ngāti Hine. Paper presented to the American Educational Research Association, San Diego, CA.

### Professional and Technical Reports

- Durette, M., & Barcham, M. (2009). Improving the effectiveness of Māori water and management plans. Palmerston North: Synexe Consulting Ltd.
- Durette, M., & Barcham, M. (2009). Indigenous water governance: An integrated approach to resource management. Palmerston North: Synexe Consulting Ltd.
- Dyall, L., & Thomas D. (2009). The Impact of Gambling on Māori. Auckland: University of Auckland
- Lyver, P. (2009). Adelie penguin population responses to climate change in the Ross Sea, Antarctica (No. Landcare Research Contract Report: LCo809/064). Christchurch: Landcare Research.
- Manuel, R.D., & Morgan, R. D. M. a. T. K. K. (2009). Mum, I want to be an Engineer: Differential access to high ability mathematics standards. Auckland: University of Auckland.
- Nepia, M. (2009). Ka Mau te Wehi – Conversations in Māori Dance.
- Ngaha, A. (2009). Te Reo, a language for Māori alone? An enquiry into the views of Māori. Unpublished doctoral thesis, The University of Auckland.
- Pehi, P. L. K., Lambert, S., & Allen, W. (2009). The restitution of marae and communities through mahinga kai: Building the management of Māori customary fisheries. Dunedin: University of Otago.
- Te Awekotuku, N. (2009, June). Tangi – Māori death ritual: A project overview. A report to the Māori and psychology research unit, University of Waikato, Hamilton, New Zealand.
- Te Wānanga Whakawhanake i te Rangahau Māori held at Manurewa Marae, A., New Zealand. (2009, December). Te Wānanga Takiura O Ngā Kura Kaupapa Māori, Manurewa Marae, Aotearoa, New Zealand.

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- Warren, T. R. (2009). *Once upon a tikanga: A literature review of early Māori business practice*. Palmerston North: Te Au Rangahau, Māori Business Research Centre, Department of Management, College of Business, Massey University.
- White, N. (2009). *Organisational pre-requisites to fund implement and sustain a Māori health promotion model in a primary care setting*. Auckland: Auckland University of Technology.
- Yates, A. (2009). *Contemporary Māori business practices: A literature review*, Palmerston North: Te Au Rangahau, Māori Business Research Centre, Department of Management, College of Business, Massey University.

### Video

- Ngā Pae o te Māramatanga. (2009). *Video Highlights. Knowledge Exchange 2008 Conference Support Grants*. Auckland: Ngā Pae o te Māramatanga. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). *Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Di Grennell*. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). *Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Grant Hawked*. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). *Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Huirangi Waikerepuru*. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). *Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Dr Irene Watson*. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). *Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Jim Everett*. Auckland, Ngā Pae o te Māramatanga, 2009. WEB Outputs 2009 (to be posted onto NPOTM website: <http://maramatanga.co.nz>).
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). *Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Dr Laiana Wong*. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). *Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Professor Linda Smith*. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>

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- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Dr Linitā Manu'atu and panel. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Mereana Pitman. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Professor Michael Walker. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Moana Jackson. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Patricio Domiguez. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Paul Ojibway. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Dr Pita Sharples. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Dr Robert Joseph. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Sir Paul Reeves. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Dr Tamisailau Sua 'ali'i-Sauni. Auckland, Ngā Pae o te Māramatanga, 2009. <http://mediacentre.maramatanga.ac.nz/>

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- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Mātauranga Taketake: Traditional Knowledge Conference 2008, 'Te Tatau Pounamu: The Greenstone Door: Traditional knowledge and gateways to balanced relationships, Keynote Speaker, Dr Whatarangi Winiata. Auckland, Ngā Pae o te Māramatanga, 2009.  
<http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Ngā Pae o te Māramatanga Public Seminar Series, Integrating Indigenous Knowledge with Science, Dr Dan Hikuroa presentation. Auckland, Ngā Pae o te Māramatanga, 2009.  
<http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Ngā Pae o te Māramatanga Public Seminar Series, Te Kaimānga: Towards a New Vision for Mātauranga Māori, Charles Royal presentation. Auckland, Ngā Pae o te Māramatanga, 2009.  
<http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Ngā Pae o te Māramatanga Public Seminar Series, Āniwaniwa, Te Aue Heke - Ka riro he au heke, e kore e hoki ki tōna mātāpuna anō: a current never returns to its source, Dr Brett Graham presentation. Auckland, Ngā Pae o te Māramatanga, 2009.  
<http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Ngā Pae o te Māramatanga Public Seminar Series, Kia Areare ki ngā Reo o ngā Tipuna – Revitalising the Māori Language Using Archival Recordings, Dr Joseph Te Rito presentation. Auckland, Ngā Pae o te Māramatanga, 2009.  
<http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Ngā Pae o te Māramatanga Public Seminar Series, Movement Ecology of the Common Brush Tail Possum: Implications for Culturally Sensitive Control Strategies, Dr Todd Dennis presentation. Auckland, Ngā Pae o te Māramatanga, 2009.  
<http://mediacentre.maramatanga.ac.nz/>
- Ngā Pae o te Māramatanga. (2009). McClutchie, J. (Editor), Te Rito, J. (Director). Knowledge Exchange 2008 Conference Support Grants Video Highlights. Auckland, Ngā Pae o te Māramatanga, 2009. (Created for promotional purposes  
<http://mediacentre.maramatanga.ac.nz/>).

### Exhibitions

- Nepia, M. Ka Mau te Wehi – Conversations in Māori Dance held at Saint Paul Gallery, Auckland, Aotearoa, New Zealand, 4-21 June 2009.
- Wilkie, M. Māori Ways with IT Ways held at Puketeraki Marae in Karitāne, Otago, 8 October 2009.

### Workshops

- Rautaki Limited. Whareuku Implementation/Evaluation hui held in Auckland, Aotearoa, New Zealand, 2009.

## NGĀ PAE O TE MĀRAMATANGA PUBLICATIONS AND OTHER OUTPUTS

### Other Works (seminars, presentations, media)

- Barcham, M., Kukutai, T., & Bedford, R. (2009). Thinking outside the nation-state: Maori rural-urban migration as part of the broader dynamic of post-national development. *Just Change*, 16.
- Charters, C. (2009, June). *Legitimacy-enhancing qualities of Indigenous peoples' participation in international law making*. Paper presented at the Indigenous Peoples, Minorities and Human Rights Summer School, Liverpool Law School, Liverpool, UK.
- Dennis, D. T. (2009). Presentation. 'Movement ecology' of the common brush tail possum: (Implications for culturally sensitive control strategies). Ngā Pae o te Māramatanga Public Seminar Series. Auckland: Ngā Pae o te Māramatanga.
- Graham, D. B. (2009). Presentation. ĀNIWANIWA, TE AU HEKE, (Ka riro he au heke, e kore e hoki ki tōna mātāpuna anō: a current never returns to its source). *Ngā Pae o te Māramatanga Public Seminar Series*. Auckland: Ngā Pae o te Māramatanga.
- Hikuroa, D. D. (2009). Presentation. Integrating Indigenous Knowledge With Science. *Ngā Pae o te Māramatanga Public Seminar Series*. Auckland: N Auckland: Ngā Pae o te Māramatanga.
- Middleton, S. (2009). Māori doctoral students and their supervisors: A brief summary of research in progress. *TDU Talk, University of Waikato Magazine*.
- Pere, L. (2009, August). The world where theory and practice collide. *MindNet*, 15.
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# FINANCIAL STATEMENTS

Ngā Pae o te Māramatanga  
 NEW ZEALAND'S MĀORI CENTRE OF RESEARCH EXCELLENCE  
 STATEMENT OF INCOME AND EXPENDITURE  
 FOR THE 12 MONTHS ENDED 31 DECEMBER 2009

	Notes	Actual 2009 12 Months \$	Actual 2008 12 Months \$
<b>Operating income</b>			
<b>Tertiary Education Commission grant receipts</b>	3b	<b>5,330,960</b>	4,438,813
Change in year end Research obligations	1c, 3c	<b>(450,192)</b>	(118,950)
Tertiary Education Commission grant income		<b>4,880,768</b>	4,319,863
<b>Other grant receipts</b>	6	<b>68,107</b>	190,017
Change in year end Research obligation	4	<b>158,149</b>	(163,111)
Net Other Grant income		<b>226,256</b>	26,906
<b>Total operating income</b>		<b>5,107,024</b>	4,346,769
<b>Expenditure</b>			
Salary and salary related costs		<b>1,375,496</b>	1,346,455
Overheads	7	<b>572,759</b>	562,276
Other operating costs		<b>504,907</b>	676,177
Subcontractors	8	<b>2,632,289</b>	1,733,015
Equipment Rental		<b>2,1573</b>	28,846
<b>Total operating expenditure</b>		<b>5,107,024</b>	4,346,769
<b>Net surplus / (deficit)</b>		<b>0</b>	<b>0</b>

# FINANCIAL STATEMENTS

Ngā Pae o te Māramatanga  
 NEW ZEALAND'S MĀORI CENTRE OF RESEARCH EXCELLENCE  
 BALANCE SHEET  
 AS AT 31 DECEMBER 2009

	Notes	Actual 2009 12 Months \$	Actual 2008 12 Months \$
<b>Assets</b>			
<b>Current Assets</b>			
Research funds held by The University of Auckland	1C, 3C, 4,5	<b>2,910,146</b>	2,618,103
<b>Total current assets</b>		<b>2,910,146</b>	2,618,103
<b>Total Assets</b>		<b>2,910,146</b>	2,618,103
<b>Current Liabilities</b>			
Research Obligations	1C, 3C, 4	<b>2,910,146</b>	2,618,103
<b>Total current liabilities</b>		<b>2,910,146</b>	2,618,103
<b>Total Liabilities</b>		<b>2,910,146</b>	2,618,103

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



Joint Director

# FINANCIAL STATEMENTS

Ngā Pae o te Māramatanga  
 NEW ZEALAND'S MĀORI CENTRE OF RESEARCH EXCELLENCE  
 NOTES TO THE FINANCIAL STATEMENTS  
 FOR THE 12 MONTHS ENDED 31 DECEMBER 2009

## 1. Statement of Accounting Policies

### (a) Basis of Preparation

Ngā Pae o te Māramatanga (National Institute of Research Excellence for Maori Development and Advancement) is a Centre of Research Excellence and is hosted as an institute within The University of Auckland with its own Board of Governance which includes members external to The University of Auckland.

The financial statements 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 entity is not required to adopt New Zealand equivalents to International Financial Reporting Standards.

The financial statements are for the 12 months ended 31 December 2009. The comparative figures are for the 12 months ended 31 December 2008.

### (b) Differential Reporting

Under the Framework for Differential Reporting issued by the New Zealand Institute of Chartered Accountants, Ngā Pae o te Māramatanga is classified as "small" and qualifies for differential reporting exemptions. Most available differential reporting exemptions allowed under the Framework have been adopted.

### (c) Revenue

Research grant revenue from the Tertiary Education Commission is reduced by the obligation to continue research or ultimately return any unspent funds.

### (d) 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.

### (e) Changes in Accounting Policy

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

# FINANCIAL STATEMENTS

## 2. Audit

These unaudited financial statements have been extracted from the audited financial statements of The University of Auckland.

## 3. 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 as follows:

Approved and received for half year ending 30 June 2008	\$1,773,333
Approved and received for year ending 30 June 2009	\$5,330,960
Approved and received for half year ending 31 December 2009	\$2,665,480
Approved for year ending 30 June 2010	\$2,665,480
Approved for year ending 30 June 2011	\$5,330,960
Approved for year ending 30 June 2012	\$5,330,960
Approved for year ending 30 June 2013	\$5,327,976
Approved for year ending 30 June 2014	\$5,136,994

### (b) Tertiary Education Commission

Grant for the 12 months ending 31 December 2009

### (c) Tertiary Education Commission - Research Funds held by The University of Auckland

Research obligations at the beginning of the year

Change in research obligations

Change in Capital Equipment Fund

Research obligations at the end of the year

	Actual 2009 12 Months	Actual 2008 12 Months
	\$	\$
	<b>5,330,960</b>	<b>4,438,813</b>
	<b>2,337,119</b>	2,219,445
	<b>450,192</b>	118,950
	<b>0</b>	(1,276)
	<b>2,787,311</b>	2,337,119

# FINANCIAL STATEMENTS

<b>4. Other Research Funds held as Research Obligations</b>		
Research obligations at the beginning of the year	<b>280,984</b>	342,987
Research Funds returned to HRC	<b>0</b>	(225,114)
Change in research obligations	<b>(158,149)</b>	163,111
Research obligations at the end of the year	<b>122,835</b>	280,984
<b>5. Commitments</b>		
There are outstanding commitments of \$1,500,872 for signed contracts against Research Funds Held for the Research, Capability Building and Knowledge Exchange programmes at balance date. (2008: \$1,260,775)		
<b>6. Other Revenue</b>		
Total of Other Grants received.	<b>68,107</b>	190,017
<b>7. Overheads</b>		
Overheads paid from Tertiary Education Commission Grant income	<b>483,643</b>	553,261
Overheads paid from Other Grant income	<b>89,116</b>	9,015
<b>Total</b>	<b>572,759</b>	562,276

## 8. Subcontractors

Payments to subcontractors are for contracted research, knowledge exchange and capability building projects for all participating entities.

## 9. Operating Expenditure

Nga Pae o te Maramatanga did not incur any interest, audit fees or write off any bad debts expenses during the period (2008 nil).

DIRECTORS



Professor Michael Walker  
Joint Director



Dr Tracey McIntosh  
Joint Director



Professor Charles Te  
Ahukaramū Royal  
Director  
(appointed December 2009)

PROGRAMME LEADERS



Dr Marilyn Brewin  
Research



Professor Leslie Williams  
Capability Building



Dr Joseph Te Rito  
Knowledge Exchange

RESEARCH FELLOWS



Dr Mere Kēpa



Dr Todd Dennis

PROGRAMME OFFICERS

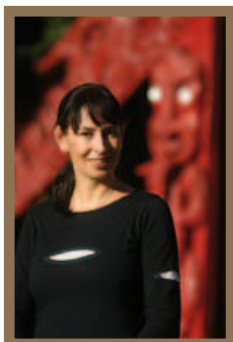


Donna Gardiner  
Research



Simon Rangiwahia  
Research

## PROGRAMME COORDINATORS



Jane Rangiwahia  
Capability Building (CB)



Zaine Mitchell  
Knowledge Exchange (KE)



Dr Adreanne Ormond  
Pre-Doctoral Coordinator

## BUSINESS SUPPORT



Daniel Patrick  
Business Manager



Premika Sirisena  
Administrator



Honorine Franswah  
Administrative Assistant

## TECHNICAL AND RESEARCH STAFF



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Systems Developer/Analyst



Josie McClutchie  
Production Manager/  
Video Editor



Dr Helen Ross  
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NGĀ PAE O TE MĀRAMATANGA

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