

2010  
*A*NNUAL REPORT  
LOOKING TO THE FAR HORIZON  
ARCHITECTS OF A NEW FUTURE



NGĀ PAE O TE MĀRAMATANGA  
New Zealand's Māori Centre of Research Excellence



Whāia ngā pae o te  
māramatanga me te aroha  
Te pae tata, te pae tawhiti  
Kia puta koe ki te whaiao ki te  
ao mārama

Pursue the horizons of understanding and love  
The near horizon, the distant horizon  
So that you may emerge into the world of light

# 2010 HIGHLIGHTS

High quality infrastructure developed for indigenous development research internationally: our online media centre enabling knowledge sharing across geographical boundaries; the growing reputation of the *AlterNative* journal; Te Pūkenga Tukutuku – our online directory of indigenous scholars.

Eleven new research projects supported, bringing the number of our active research projects to thirty-three.

A hugely successful Traditional Knowledge conference hosted and organised by Ngā Pae o te Māramatanga, attracting over 400 New Zealand and overseas delegates.

New joint initiative with Fulbright New Zealand enabling indigenous research links with the USA and developing excellence in indigenous development.

Six journal issues successfully published: three issues of *AlterNative: An International Journal of Indigenous Peoples*, and three *MAI Review* issues.

More PhD students and graduates than ever before supported through our MAI programme: currently over 700 Māori graduated from or enrolled in a PhD programme.

Thirty-two conferences, symposia and events supported by Ngā Pae o te Māramatanga, reaching large community, national and international audiences.

Our new Pae Tawhiti initiatives developed, and the first launched, highlighting our new research direction.

New strategic plan in place to guide the next phase of our Centre's research and activities.





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Sir Tipene O'Regan, Chairman

2010 has yet again been a busy year in the life of Ngā Pae o te Māramatanga and here we present the breadth and range of research and activities undertaken, hosted and supported by our Centre over the year. While addressing needs in our communities now, we are also looking firmly to the future, to the far horizon, and supporting research and activities that will transform the research discipline, our communities and society in general.

Our Pae Tawhiti initiatives, which are boldly set to make significant differences and benefits over a fifty-year time frame, have been developed. These initiatives, which focus on the Māori language and Māori economic development, place the emphasis firmly on producing societal changes in the long term. Ngā Pae o te Māramatanga will, through these and other initiatives, work closely on the development of our research, and provide clear direction about the influence that our initiatives, research and projects should have on the world. We believe that our research should continue to yield benefits in years to come, seek to enable new and fresh ways of thinking, offer opportunities to nurture excellent researchers and bring about spectacular results.

Our Centre of Research Excellence, and Māori research and leadership in general, attracts considerable attention from indigenous scholars, leaders and researchers from throughout the world. Indigenous development, our research discipline, captures research concerning needs and opportunities in Māori communities and involves forming relationships and partnerships with indigenous communities worldwide. New Zealand has established itself as a key participant in global indigenous affairs and Ngā Pae o te Māramatanga is an important conduit by which New Zealand can sustain and advance this role. Through our international activity, our biennial conference and our scholarly publications, Ngā Pae o te Māramatanga will continue to advance our international indigenous profile and take a leadership role in the growing international discipline of indigenous development.

2010 has been a year of vision, with the Board and Director developing a new strategic plan that will take our Centre into the coming decade. Our strategy focuses on the creative potential of Māori peoples and communities and the opportunities to yield this potential through excellent research, which in turn will bring about significant contribution, development and transformation of our nation. Ngā Pae o te Māramatanga is focused on creating value as well as tangible outcomes that are greater than the sum of their parts. We strongly believe that Māori communities represent a net opportunity for our nation and we are determined to grasp this opportunity through excellent world-class research.

A key feature of our thinking regarding indigenous development is the idea of fostering indigeneity in the world at large. Much work remains to be done to understand and to practically implement this theme. Lying at the heart of indigenous worldviews is a kinship-based relationship with the natural world. This is what distinguishes formal indigenous cultures. The relationship between human communities worldwide and their natural world environments requires considerable examination. We suggest that many of the issues facing human societies arise from a problematic relationship between humankind and natural world environments. Fostering indigeneity is about finding a mutually enhancing relationship between human communities and their natural world environments, as suggested by this key tenant of indigenous worldviews. This experimental theme is relevant to all peoples and represents the deep horizon of our research.

Overall, our goal is to conduct excellent research in the field of indigenous development and to meet the ministerial prescription of a Centre of Research Excellence as "...an inter-institutional network of collaborating researchers working on an agreed plan". We have in place the tools to guide us: the successful appointment of our new director Professor Charles Royal, the positive mid-term review of our Centre, important perspective and recommendations from our International Research Advisory Panel and, now, a strong bold strategic plan for the future. In time, 2010 will be judged to be a critical and decisive year in the life of Ngā Pae o te Māramatanga.

Sir Tipene O'Regan

Chairman



## FROM THE DIRECTOR



Professor Charles Te Ahukaramū Royal,  
Director

Our International Research Advisory Panel reported to our Board that “the Centre is on the cusp of necessary change in order to build upon the impressive gains made. This would ensure that Ngā Pae o te Māramatanga becomes the pre-eminent indigenous research centre in the world.” In 2010, our focus has been on bringing about this reality. This year, we have set out our vision for the future: that the creative potential of Māori peoples brings about positive change and transformation in the world. Our mission, therefore, is to conduct excellent research of relevance to Māori peoples; research that leads to this transformation and positive change.

In 2010 we have continued to support research and associated transformational activities that will reap benefits for many years. In addition to our ongoing and new research projects, this year we have launched a major new initiative, the Pae Tawhiti research programmes, which firmly look to the far horizon and will bring about positive transformation in Māori language and Māori economic development now and over a fifty-year time scale. In framing, developing and commissioning these programme, Ngā Pae o te Māramatanga is an active partner in the research, shaping the outcomes and bringing our vision closer to reality.

This has also been a year of assessing our foundations and planning for the future. Our strategic plan for the next phase of Ngā Pae o te Māramatanga is now in place, and aligned with this are our research plan and our new research commissioning strategy, which continue the principles we started in our Pae Tawhiti initiatives of higher active involvement in every stage of the research process. We now have the tools and plans for transformation in place.

Research partnerships of excellence have been developed, such as with Fulbright, and these national and international partnerships enable knowledge sharing across physical distance and geographical boundaries, bringing our indigenous research field to a truly international sphere. The international research discipline of indigenous development is growing and expanding, and Ngā Pae o te Māramatanga, with our culture of excellent research and transformational activity, is in an ideal position to bring knowledge and leadership to indigenous research around the globe.

To bring about positive change we need to consolidate and build on the work of our Centre, to identify, plan and build the research and activities that will bring about this change, and to keep our eyes firmly fixed the long-term goal of society transformation. The past seven years of Ngā Pae o te Māramatanga give us a firm foundation to enable us to aim for this vision: a strong research legacy, excellent ongoing research projects and themes, many more Māori scholars and PhDs active and working in indigenous development, and the infrastructure to support the research field, such as internationally recognised peer-reviewed journals and conferences. We now need to direct and focus this work on our long-term goals and vision, make strong plans for building the future, and aim confidently for the far horizon.

Professor Charles Te Ahukaramū Royal

A handwritten signature in black ink that reads "Charles Royal". The signature is fluid and cursive.

Director

## ASSESSING OUR FOUNDATIONS, PLANNING FOR THE FUTURE

In 2010, Ngā Pae o te Māramatanga completed a statement for our mid-term review by the Tertiary Education Commission. We discussed the directions that Ngā Pae o te Māramatanga will take over the next few years.

In summary, Ngā Pae o te Māramatanga is:

1. Harnessing Māori creative potential for the benefit of the nation.
2. Expanding New Zealand's role as a world leader in indigenous research and development.

In recent years, Ngā Pae o te Māramatanga has:

1. Achieved a major step increase in the amount and quality of indigenous development research.
2. Established a significant and distinctive research culture.
3. Realised, built and harnessed the research excellence in indigenous development research.
4. Contributed to:
  - a. healthy communities and environments,
  - b. the transformation of society and economy and
  - c. the generation of higher level knowledge.

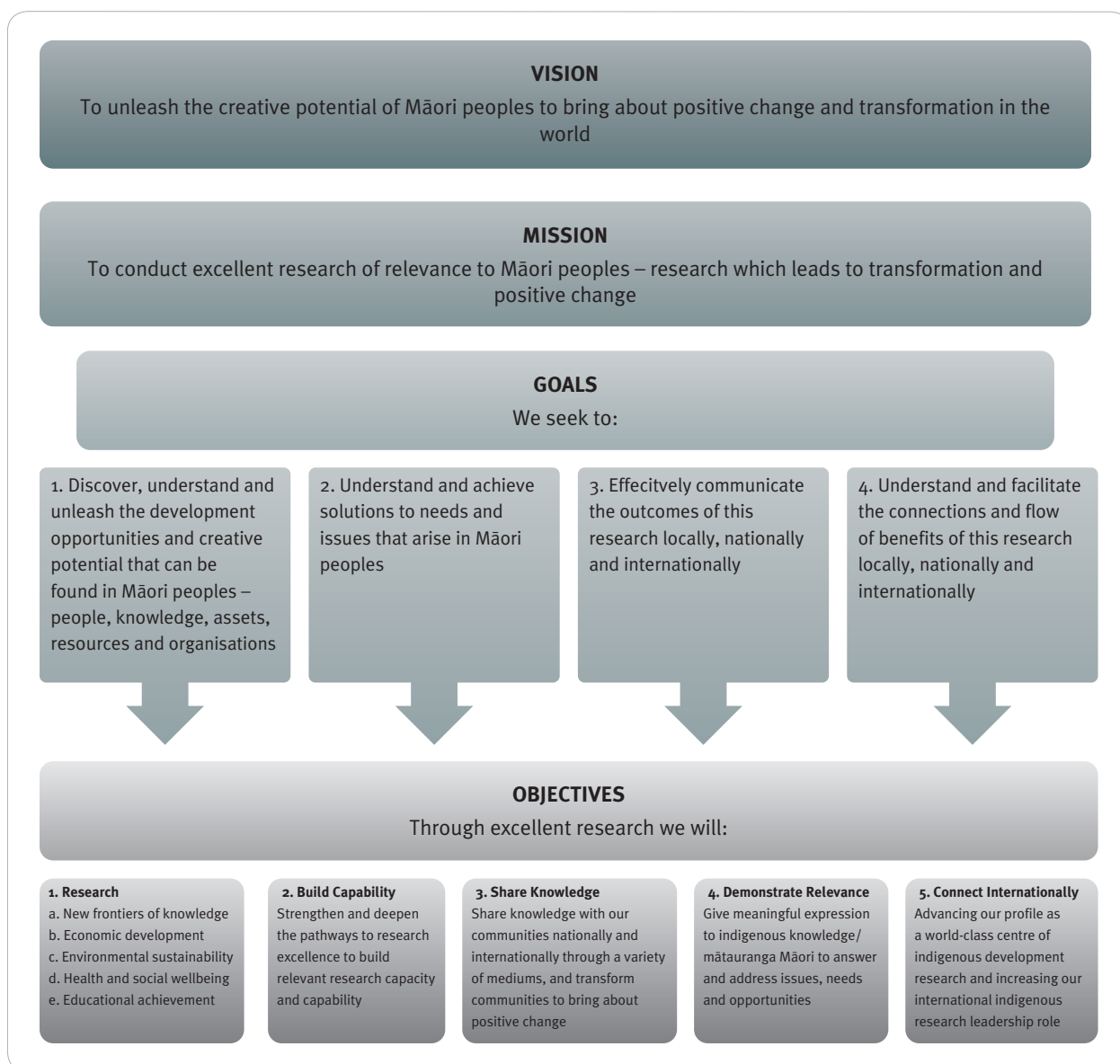
We are firmly committed to sustaining the momentum and drive achieved in our first years and will focus this drive with greater intensity in three critical areas:

1. Sustaining our programme of excellent research.
2. Building appropriate research capability and uplifting participation.
3. Exchanging knowledge with our audiences and communities.

Our research is fundamentally focused on bringing about positive change in Māori peoples and communities and, through this, national development. To achieve our goals, we are guided by and apply important values at every possible opportunity—in our research work, in our relationships (including those with our researchers and Participating Research Entities), in our working environment, and with our communities for whom our research is conducted and is relevant. Research highlighted in this report, for example, addresses environmental issues (example page 13), community and wellbeing (example page 12) and indigenous creativity (example page 11). We have supported researchers throughout their careers, and we have highlighted the achievements of three Māori academics on pages 26–27. Our work continues to support and facilitate the research, the researcher and the entire indigenous research discipline, in turn building the knowledge, capability and transformation potential of indigenous research in this nation and throughout the world.

The values by which we conduct our affairs are drawn from our name and our core purpose: the creation of new knowledge through excellent research. In the history of Māori knowledge, it is posited that the finest purpose of knowledge is so that māramatanga and aroha may come into the world. So these are our first two values: creating māramatanga and fostering aroha. We are guided by three further values that lie at the heart of our work: enabling creativity, achieving research excellence and sustaining mahitahi, positive collaborations and partnerships.





Given our success over the past seven years, a new strategic plan has been developed that takes Ngā Pae o te Māramatanga into a new phase, leveraging off our established foundations and achievements and enabling us to look to the long-term future. This strategic plan is summarised in the diagram of its key elements. Ultimately, we are refocusing our efforts and realising ‘Māori creative potential’ for the benefit of our nation. A renewed focus on research excellence in this context is timely and appropriate. While research excellence was clearly present in the period 2002–2009, at the time the immediate concern was to deal with the extraordinary challenge of creating ‘critical mass’ and developing momentum: uplifting the numbers of Māori participating in research and enabling Māori peoples to determine research priorities and to influence the ways research can be conducted. Now that this has been achieved, a new direction is timely and valuable to the investment in the future.

## RESEARCH



Hon Pita Sharples launches the Te Reo Pae Tawhiti Initiative on Māori Language

Research continues to be the Centre's primary focus and activity. In 2010, we increased support and funding for research through our contestable research round and our new major Pae Tawhiti initiatives. We continued to forge research collaborations both here and overseas, building strong foundations for research partnerships. The major themes of our research continue to build capability and contribute the knowledge to transform communities and society, Māori and non-Māori, in New Zealand and overseas.

Our contestable research round was once again a success, with 41 applications aligning to our three major themes: healthy communities in healthy environments; social and economic transformation; and new frontiers of knowledge. Eleven new projects were successful, and a summary of these can be found on pages 14–17. These excellent research projects will continue to grow our nation's future, adding to an increasing evidence and knowledge base of Māori, indigenous and western scholarly knowledge. We now have 33 major research projects currently active under the umbrella of Ngā Pae o te Māramatanga. Their contribution and impact are felt up and down the country, and resonate with scholars and communities worldwide. Our framework of Māori and indigenous research projects are synergistically contributing to the future of New Zealand and its place in the world.

A major new direction for our research this year is illustrated by our new Pae Tawhiti initiatives. These vital new programmes of research aim firmly at the far horizon (the 'pae tawhiti'), taking a long-term approach towards the transformation of society. The full impact of these programmes will continue to be felt in the long term, fifty years; we recognise that for substantial societal change to take place, we have to take the long view, visualise where we want and need to be, and keep our eyes fixed on the target of the far horizon.

The programmes were commissioned through a collaborate process, with Ngā Pae o te Māramatanga and our advisory panels identifying the components required to make long-term change and achieve our objectives. As a result, these initiatives encompass the expertise, skills, knowledge and collaborations that are needed to advance the research frontiers of our 2010 Pae Tawhiti themes: Māori language and Māori economic development.

For the Te Reo Pae Tawhiti Initiative on Māori language, Dr Rāwinia Higgins of Victoria University of Wellington and Associate Professor Pōia Rewi of the University of Otago will be the principal investigators. Professor Charles Royal of Ngā Pae o te Māramatanga will provide professorial support. This impressive programme of research was launched in December 2010 by Hon Pita Sharples at Te Papa Tongarewa museum, one of our participating research entities. We will carry out the Māori



Use of advanced technologies to develop culturally appropriate pest-management strategies for rural Māori communities. Principal Investigator: Dr Todd Dennis

Economic Development Pae Tawhiti Initiative with Te Whare Wānanga o Awanuiārangi and Ngāti Awa. The principal investigators are Richard Jefferies and Jeremy Gardiner, with professorial support from Professor Graham Smith. This research programme will be officially launched in March 2011. Each initiative has been substantially supported for the next three years. Each of the research teams has worked with Ngā Pae o te Māramatanga to develop the component research projects that make up each programme. Each team will support a number of Masters and PhD students, ensuring that these programmes of research will also build capability in each field of study. Knowledge sharing activities will ensure that the research is fed back through our communities, both nationally and internationally.

Ngā Pae o te Māramatanga hosted two international indigenous writing wānanga in New Zealand during 2010. The first, in Rotorua, followed on from the Ngā Pae o te Māramatanga Traditional Knowledge conference (page 23) and the second was held at Omapere in November. Thirty-four participants attended our conference before moving on to the writing wānanga in Rotorua. As well as delegates from New Zealand, participants included First Nations from Canada and Alaska, Native Americans from the USA, native Hawaiians, Aboriginal Australians, indigenous Dalits from India and a Mongolian researcher based at Nankai University in China. The diversity of indigenous peoples gave an invaluable opportunity to discuss research issues of significance common to the group, including ethics and ethical issues, community engagement, traditional knowledge and the boundary between it and scientific knowledge. These wānanga give experienced research individuals and teams a much-needed and safe forum to present and discuss issues, write and frame their research, as well as facilitating the creation and consolidation of international networks and collaborations.

Successful networks and collaboration are essential to research, and we continue to collaborate on projects, funding initiatives and research knowledge sharing with organisations and individuals here and overseas. Support networks across the Pacific and Americas continue to be forged and cemented, for example, through our participation at the American Education Research Association (AERA) in 2010. Our active participation in the Pacific Rim consortium of research centres is an invaluable forum for sharing and developing research synergies across international borders.

Visiting scholars to our Centre and country share their knowledge with us, and with the wider international community through our online media centre. They meet researchers, learn about our research, build bridges and foster worldwide networks and links. This year we have been visited by and hosted seminars from Professor Stephen Cornell of the University of Arizona, Professor Donna Mertens of Gallaudet University and Professor Aturo Arais of the University of Texas. Other visiting scholars included



He moemoeā mo Ahuriri: A vision plan and health assessment for the Ahuriri Estuary. Principal Investigator: Dr Jamie Ātaria



## RESEARCH



Tangaroa ki Uta, Tangaroa ki Tai: Water, our Future

Manickam Casimir (MC) Raj, a leading advocate for Dalit human rights and for electoral change in India, who returned to speak at our Traditional Knowledge conference in June, and Associate Professor Bronwyn Fredericks of Queensland University of Technology. Other international keynote presenters were Professor Dan Longboat of Trent University, Professor Larissa Behrendt of the University of Technology Sydney, Professor Federico Lenzerini of the University of Siena, Professor John Borrows of the University of Victoria and Minnesota Law School, Bateer Chen of Nankai University, Mayra Gomez of the Aymara Nation and Senator Clayton Lee of Hawai'i.

Closer to home, research collaborations with the Health Research Council, Te Puni Kōkiri, Ministry of Social Development and the Families Commission continued and research plans are being developed for funding schemes. Many of these came out of our 2009 Research Symposium on violence, *The Unspoken Issues*, and we have continued our association with Women's Refuge in 2010, advising them on research strategies. Relationships with other Centres of Research Excellence in New Zealand were strengthened with, for example, collaboration with the Allan Wilson Centre and National Research Centre for Growth and Development on potential projects that integrate different aspects of our research themes for the benefit of New Zealand.

Management and guardianship of one of New Zealand's most precious resources was discussed at our two-day research symposium in Christchurch in November. Water is a topic of vital importance to the future of New Zealand. The research symposium *Tangaroa ki Uta, Tangaroa ki Tai: Water, our Future*, convened by Ngā Pae o te Māramatanga and co-hosted with Ngāi Tahu, showcased research of relevance to water and provided a much needed national platform for researchers, policy makers and communities to discuss issues surrounding water and to understand the current status of research as well as assessment and decision-making tools. Approximately 120 people from across the country and from various sectors attended the event. Overall the symposium followed two broad themes: kaitiakitanga, mātauranga and taonga; and mana, tino rangatiratanga and kāwanatanga. However, other themes emerged throughout the symposium such as the importance of combining information collection and collation methods; approaches and sources to inform understanding, evaluation and decisions; future management strategies; and complementing mātauranga Māori with science. A panel of experts discussed the value and application of research-based assessment tools to encourage communities and sectors to use these tools not only to inform specific decisions, but also to understand the health of our waterways. Overall there was an overwhelming agreement and concern about the urgent need to safeguard our water resources for the future.



Professor Stephen Cornell

## RESEARCH CASE STUDIES

### WHARE TAPERE

Whare tapere were pā-village based ‘houses’ of entertainment, storytelling, music and dance. Various performing arts activities took place here such as storytelling, singing, dancing and other kinds of amusements. Sometimes whare tapere performances were grand and formal (a chorus, narrator and solo dancers) and sometimes they took on a festival atmosphere where participants amused themselves with games such as wrestling, dart throwing and stilt walking. This project in collaboration with Ōrotokare: Art, Story Motion Trust and led by principal investigator Professor Charles Royal aims to understand pre-existing knowledge of the historical whare tapere and to develop new expressions and performances on the basis of this knowledge.

In 2010 a number of wānanga/workshops were held on the question of ‘whakaahua’ as an approach to performance. The significance of the whakaahua is its strength as an indigenous process of grounding performances in natural world circumstances. ‘Te ao mārama’ was explored as an approach to performance spaces, again enabling the natural world to guide the design of these spaces. A wonderful whare tapere venue was discovered and a motu, a stage for performance that utilises traditions of the whare tapere, was created. A serendipitous additional outcome was reorganisation and realisation of the assets and resources of a Māori community.

This project, representing the creative arts, speaks to our theme around exploring new horizons and frontiers of knowledge, and exploring mātauranga Māori in the creative arts. This project is firmly rooted in our community, and therefore is providing additional but welcome outcomes around supporting our communities.



Photos courtesy of Serena Stevenson

## RESEARCH CASE STUDIES

## KAUMĀTUA NGĀ KUIA: TAONGA AROHA

This study, supported by Ngā Pae o te Māramatanga and led by principal investigator Dr Lorna Dyal, is part of a larger national HRC research programme. The overall aim is to establish two cohorts of those in advanced age, one Māori only and the second of all ethnicities. During the feasibility stage of this project it was apparent that processes for Māori necessarily involved increased face-to-face time, as well as greater consultation and relationship building. Ngā Pae o te Māramatanga is co-funder of this national cohort study of older Māori. A kaitiaki kaumātua advisory group provides invaluable support for the longitudinal study to guide and advise the research team in relevant areas for discussion and safe cultural practice.

To date, approximately 340 Māori people, aged 80 to 90 years, have been enrolled and interviewed in the Rotorua, Whakatāne, Tauranga, Ōpotiki and Te Kaha areas. The Māori interviewers from the Western Bay of Plenty Primary Health Organisation, Te Rūnanga o Ngāti Awa, Te Rūnanga o Ngāti Pūkiao, Te Korowai Aroha Trust and Te Kaha Medical Centre will continue to enrol and interview participants until the end of March 2011. The recruitment of elders, especially those of advanced age, is challenging because their health varies on a day-to-day basis and, depending on their energy, confidence, time, family and wider commitments, can influence their decision when approached to be involved in the study. Response rates for this study are consistent with cohort studies with elders internationally.

The study is increasingly becoming visible locally, nationally and internationally as there is growing awareness of an ageing population and how people can live to an advanced age well. Through this study and other research on healthy communities, we address the needs of Māori today, and build the foundations of research that will mean real change and the transformation of New Zealand society in the future.



Kaumātua ngā Kuia: Taonga Aroha



## TETRODOTOXIN IN KAIMOANA

Tetrodotoxin (TTX) is a lethal toxin that has recently appeared naturally in Hauraki Gulf sea-slugs. Initially, unexplained animal deaths led to increased media interest in their cause, and the toxin was identified as TTX. The source of TTX was the sea slug *Pleurobranchaea maculata*. This has major implications for local Māori and non-Māori around environmental sustainability and kaimoana, as well as wider implications for New Zealand ecology. This new project, led by Dr Shaun Ogilvie, will determine if TTX is present in kaimoana, and will identify how to quantify and mitigate subsequent risks to human health. The Hauraki Māori Trust Board and Cawthron will work together with support from Ngā Pae o te Māramatanga to collate mātauranga Māori on toxic events, and the relationship to kaimoana harvesting. Local marae will be involved in sampling kaimoana for TTX content analysis, and the results will be used to develop ways of minimising risk to Māori communities; these will then be shared with marae from the area.

In 2010, environmental land- and water-based research has continued to make up a strong theme in our research, underlining the importance of environmental issues to Māori and New Zealand as a whole and emphasising the role that traditional Māori knowledge can bring to western methods to create new and innovative solutions.



## 2010 RESEARCH PROJECTS

**Project Title: The Commercial Feasibility of using Mātauranga Māori-Based Fish Traps to Eliminate Bycatch 2nd Phase.**

Project Leader: Shaun Ogilvie

This project, following on from earlier work, will test the use of mātauranga Māori-influenced fish traps to see if they could become a reality in commercial fishing. These traps have the potential to provide an environmentally sustainable commercial fishing method.

**Project Title: Triangulating on the Mechanism for the Lunar Clock: Insights from the Māramataka and Science**

Project Leader: Michael Walker

This project uses wānanga and catch information from volunteer fishers in an iwi area to identify similarities and differences between the māramataka and science in understanding the lunar rhythm, develop a consistent analysis and interpretation of patterns of variation in predictions of fish catch, and support transmission of the māramataka across generations and iwi. This case study will show how an insight derived from the Māori fishing calendar can make a distinctive contribution to leading edge research, create new knowledge and generate opportunities for wide-ranging international collaborations in research.

**Project Title: Kanakana Harvest Mātauranga: Potential Tools to Monitor Population Trends on the Waikawa River, Southland/Murihikūā**

Project Leader: Jane Kitson

This project, monitoring the taonga species kanakana, or lamprey, will develop a method with links to traditional mahinga kai practices, enabling harvesters to monitor populations, interpret the results and integrate their mātauranga into management of the resource.

**Project Title: Estimating the Economic Costs of Māori–Non-Māori Child Health Inequities in Aotearoa**

Project Leader: Paparangi Reid

This scoping study aims to support development of research which aims to estimate the direct and indirect economic costs to New Zealand Aotearoa of Māori to non-Māori child health inequities. This research will contribute to the evidence base for action and policy development in Aotearoa on child health inequities.



**Project Title: The Ethics, Processes and Procedures  
Associated with the Digitisation of the Pei Jones Collection**

Project Leader: Hemi Whaanga

This project is researching, collating and developing ethical processes and appropriate displays, in a digital format, for the manuscripts, works and collected taonga of one of our prominent scholars, the late Pei Te Hurinui Jones. We will produce an accessible digital library with thoroughly researched commentaries on content, authorship, provenance and historical context in a form that is practical and searchable by the general public.

**Project Title: He Iho Reo: Developing a Tool Box to  
Support Māori Language Transmission and Maintainance**

Project Leader: Poia Rewi

This research project will set up a series of observations to capture and analyse the in-home Māori language experience in Otago. We will create a “tool-box” of potential intervention strategies that may be tailored to the individual whānau within the local environment, which will, in turn, inform the implementation of language revitalisation programmes both in Otago and outside the Ngāi Tahu region.

**Project Title: Exploring a Māori Classificatory System of  
Flora and Fauna within Tainui Waka**

Project Leader: Tom Roa

Māori have always had their own systems to name and organise plants and animals and this project explores and records traditional classification systems used by hapū within Tainui waka and will examine the relationship between traditional knowledge in the naming of flora and fauna and the Linnaean classification system. It will contribute to the restoration and preservation of Tainui mātauranga around the taxonomy of flora and fauna.

**Project Title: Adapting Principles From Te Rongoa into  
Ecologically and Culturally Sustainable Farm Practice**

Project Leader: Marion Johnson

This project promotes a novel philosophy and approach to agricultural production by translating and applying traditional Māori knowledge of the medicinal properties of native plants to stock health thus creating an on-farm pharmacy. It will focus on solving local animal health problems and examining the properties of plants in the local ecology so that the mix of indigenous species planted and used are not only medicinal, but also benefit the ecosystem.





## 2010 RESEARCH PROJECTS

**Project Title: Computer Decision Support to Aid Sustainable Contemporary Use of Taonga Species**

Project Leader: Corey Bragg

This research uses the traditional tītī (muttonbird) harvesting by Rakiura Māori as a case study to develop and test the efficacy of a computer-based decision support system that enables individual whānau to explore the consequences of their own harvesting behaviour on species abundance. The package will be adaptable to guide other iwi and hapū who increasingly seek to re-establish seabird harvests or restore seabird breeding colonies, and to help kaitiaki make other ecological management choices.

**Project Title: Te Atakura: Re-Connecting Voyage Collections in Archives and Museums through the Creation of Digital Taonga**

Project Leader: Wayne Ngata

Te Atakura weaves together knowledge and discussion drawn from New Zealand and beyond about the transformation into digital form of taonga Māori held in archives and museums. We are producing and organising digital surrogates of taonga held in global collections to establish geographic and iwi provenances for artefacts whose origins are currently unknown, as well as shedding light on the relationships people sought to establish through early exchanges, and how these have unfolded into the present.

**Project Title: Tetrodotoxin in Kaimoana: Science and Mātauranga Mitigating Health Risks from a Lethal Neurotoxin.**

Project Leader: Shaun Ogilvie

This project will study historic and existing mātauranga on toxic events and kaumoana in the Hauraki Gulf. Tetrodotoxin extent will be determined by sampling, and procedures to indigeneity and mitigate risk will be developed and disseminated to local marae. For more information on this project see page 13.



Photo courtesy of Paul McNabb, Cawthron Insitutue

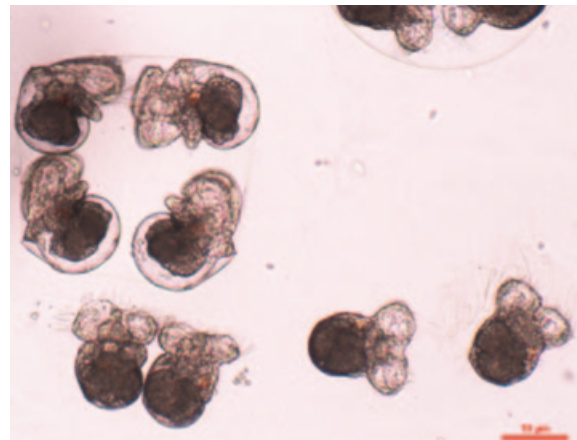


Photo courtesy of Paul McNabb, Cawthron Insitutue

### Te Pae Tawhiti Research Initiatives

#### Programme Title: Te Pae Tawhiti: Te Kura Roa

Programme Leaders: Rāwinia Higgins, Pōia Rewi and Charles Royal

The Pae Tawhiti Initiative concerning Te Reo Māori is focused upon understanding and enabling the value of the Māori language to New Zealand development. It is our view that the Māori language can and does add value; however, how it does and can do this has yet to be fully understood and articulated. We wish to answer the question as to why the language should continue to exist in a fuller and more comprehensive way than previously. The Māori language represents an opportunity for its potential to enrich society and culture and transform, the experience and consciousness of those who are exposed to and use the language. This programme will investigate how to increase the numbers of people participating and speaking the Māori language; how to increase understanding of fluency in the language and increase the numbers of people who understand higher levels of fluency.

#### Programme Title: Establishment of a Māori Economic Development Framework using Collaboration, Investigation and Engagement as a Catalyst for Change

Programme Leaders: Richard Jefferies, Jeremy Gardiner and Graham Smith

This programme of research and engagement has the primary research focus of the establishment of a Māori economic development framework using collaboration, investigation and engagement as a catalyst for change. The programme will enhance understanding of, and the means to empower, economic growth, informed by the ontology of mātauranga Māori.

This programme of research and engagement will create a framework for Māori economic development. A key part of this framework will arise from a deep understanding of the barriers to economic development that exist in Māori communities. We will ensure that the research is aware, understanding and informed of the actual reality of, for example, the issues and dynamics of claimant entities that are charged with settling Treaty claims and ensuring yields of value from those settlements in years to come. We are focused upon ways in which creative, entrepreneurial activities can be conducted within Māori communities. How can we ensure that creativity and innovation is able to take place within Māori communities?



Dr Rāwinia Higgins, Dr Katerina Te Heikōkō Mataira, Dame Dr Iritana Tawhihirangi, Professor Charles Royal and Dr Pōia Rewi



Distinguished Professor Graham Smith

Ngā Pae o te Māramatanga facilitates and fosters the path of our research from our researchers and into our communities. These paths and networks extend over national and international boundaries, linking indigenous scholars and communities in New Zealand and beyond. 2010 was a year full of extending and enlivening the network of researchers and scholars from across the Māori, broader indigenous and wider world communities.

Our knowledge exchange programme enables researchers to publicise their findings to Māori and indigenous communities and the wider research and scholarly audiences through our online media centre, by supporting individuals to attend conferences, and by supporting vital events, conferences and knowledge sharing activities. We facilitate our researchers to publish their findings here and internationally, through our indigenous scholarly journals and publications, online media centre and support of specific publications. We have enabled partnerships and potential future collaborations among universities and institutions in this country, and between our scholars and those from overseas.

Our supported researchers and their research have been noticed worldwide. For example, Dr Chellie Spiller co-authored the ‘best paper’, as judged by the Academy of Management, conveners of the conference *Dare to Care: Passion and Compassion in Management Practice and Research*. The Academy is the oldest and largest scholarly management association in the world with over 19,000 members. Dr Spiller was one of our 29 Conference Attendance Grant (CAG) recipients. The others covered topics as wide ranging as dentistry to education, management practice to water chemistry, as well as indigenous and traditional knowledge, for example, place names, medicines and costumes. Potential research partnerships have been formed linking New Zealand with other researchers of international significance, allowing this country to benefit and gain from these ongoing collaborations of knowledge. Dr Kepa Morgan, another CAG recipient in 2010, reported potential collaborations with Chinese and Japanese researchers through his well-received presentation at *Hydrology Conference 2010* on mauri principles.

We not only support individuals, but also realise that the support and development of knowledge sharing frameworks are equally important and can reach wider audiences, especially in areas with few other sources of support. Often, seed support from Ngā Pae o te Māramatanga enables events to start planning, resulting in growth that then attracts further support – impossible without our initial investment – allowing nationally significant events to inform and reach our audiences. For example, *Tuhituhi nō Te Taitokerau: Earliest Māori Ink Drawings and Writing* was an incredibly successful exhibition curated by Professors Kuni Jenkins and Alison Jones through the Marsden Fund and supported by Ngā Pae o te Māramatanga through our Knowledge Event Support Grant (KESG) scheme. Professor Jones said, “The exhibition generated enormous interest. We had a constant stream of visitors ... many came back to study the images ... They asked penetrating questions about the images and were fascinated that ‘Māori did all this’”. As a result of the high interest and demand from the public, the exhibition will be taken to other venues.

Ten further KESGs were awarded, covering diverse topics: leadership, community-based resource management, screen production, rongoā, healing for Māori, Māori performing arts, whakairo (carving), Māori youth, ecological health of our waterways, and Māori social science.



In June 2010, Ngā Pae o te Māramatanga ran its own event: the Centre's biennial international indigenous traditional knowledge conference. This was our most significant opportunity in 2010 for our researchers, Māori and other indigenous peoples to share knowledge, to strengthen and create relationships between researchers, research users and change agents, and to build international collaborations. This conference is a world leader, attracting increasing numbers of international scholars and proving to be an unmissable date on the indigenous conference calendar. Evaluations of the conference by delegates were overwhelmingly positive. A spotlight on this event is provided on page 23.

Traditionally in the scholarly academy, the most common means of sharing research widely is through publications. Continuing our commitment to give Māori and indigenous researchers the tools and framework to enter the academic and scholarly research conversation, Ngā Pae o te Māramatanga continues to publish and develop scholarly journals, conference proceedings and other publications. We recognise the essential need for indigenous journals in the transformation of research scholarship, enabling Māori and indigenous research to stand beside and equal with the Western academy while being considered on its own terms. We are leading the world in the development of these models, and they have the potential to transform not only the Māori and indigenous research landscape, but the international academy itself.





Both our indigenous journals, *AlterNative: An International Journal of Indigenous Peoples* and *MAI Review* went from strength to strength, with three issues of each published in 2010. Special content included a *MAI Review* special issue on *Community Research Engagement* and an *AlterNative* Special Supplement issue *Ngaahi Lea 'a e Kakai Pasifika: Endangered Pacific Languages and Cultures*. *MAI Review's* online presence and open access status means that it continues to attract readers from across geographical and discipline boundaries. *AlterNative's* reach continues to grow internationally, with a new international editorial board focussing on the scholarly direction and content, and by proactive efforts to target international indigenous researchers both electronically and in culturally important face-to-face contact at conferences and events. This continues to reap exponential year-on-year benefits for the journal and Centre's international reputation and profile. The special issue *Ngaahi Lea 'a e Kakai Pasifika* garnered praise at its launch in September, held jointly as part of AUT University's 10-year anniversary celebrations at their Manukau campus and attended by many Pacific scholars and community members. As part of a co-hosted event with the Māori Association of Social Science (MASS) at their annual conference, the December general issue was launched, during which we highlighted published research by Rāwiri Taonui on cultural alienation of Māori, a topic currently gaining interest in the media.

We support conference proceedings, recognising that this is a vital and immediate way of releasing cutting edge research into the scholarly conversation. The proceedings of our mid-year Traditional Knowledge conference containing 60 papers were published by the end of 2010, a turnaround time that has been highly commended and appreciated by our Māori, New Zealand and international presenters. The proceedings are available for anyone to download freely from our website. Early in the year, Minister of Māori Affairs Dr Pita Sharples launched the Proceedings of the landmark symposium *Ngā Kete a Rēhua: Inaugural Māori Research Symposium Te Waipounamu*, organised by Aotahi: School of Māori and Indigenous Studies, University of Canterbury, and supported by Ngā Pae o te Māramatanga. These proceedings, Dr Sharples said, “followed a long and proud legacy of Māori research”.

Another of our significant publications, *Trends in Wellbeing for Māori Households/Families, 1981—2006*, based on research commissioned by Ngā Pae o Māramatanga, was published in 2010. The project was a collaborative effort involving Statistics New Zealand, Associate Professor Cindy Kiro of Massey University and researchers from The University of Auckland: Martin von Randow of the Centre of Methods and Policy Application in the Social Sciences (COMPASS) and Andrew Sporle of the Department of Statistics. Of the publication, Cindy Kiro said, “There are many lessons to learn from our past that have relevance for current and future policy and the likely effects of these on the wellbeing of Māori families and households”.

As well as building the frameworks for the scholarly environment, we continue to support individual projects through the Publishing Support Grants. Here we recognise the importance of disseminating this research in a specific form or programme. Of the six awards in 2010, already completed and published is Dr Nick Koskrige of Massey University's taewa (Māori potato)



bilingual publication resulting from a collaboration between Massey University, Plant & Food Research/Rangahau Ahaumāra Kai and Tahuri Whenua/National Māori Vegetable Growers Collective, as well as Ngā Pae o te Māramatanga. Also supported were publications in the areas of mental health, law, chemical-related illness, mutton birding and successful schooling for Māori students. Two notable additions to our supported publications were launched in 2010. Maria Bargh edited the collection *Māori and Parliament: Diverse Strategies and Compromise*, and Malcolm Mulholland and Veronica Tāwhai co-edited *Weeping Waters: The Treaty of Waitangi and Constitutional Change*. The latter was launched on Waitangi Day at Waitangi and offers 18 chapters by high profile commentators investigating various aspects of the Treaty, and has already caused discussion in the media and elsewhere.

Video remains a powerful means of capturing and sharing indigenous knowledge and research throughout wide networks and communities. Watching researchers explain their work can give extra understanding and meaning to their words, and technology enables access across physical distance. We continue to look to the future and recognise this as an essential and growing means of sharing knowledge, and therefore have increased our capacity to film and edit and to use high definition (HD) technology. Over the year we filmed Ngā Pae o te Māramatanga events and public seminars, including three visiting international scholars, as well as the keynote and other speakers at our own conference. These are hosted on our dedicated online media centre, and a rapid turnaround in the production of these video presentations enables community members and researchers to quickly access knowledge.

We also share our activities with our audiences, ensuring regular updates in our quarterly newsletter. This year it was renamed *Te Pūwānanga* and given a fresh new look. Some 300 paper copies are distributed while the electronic distribution list, which traverses international boundaries, currently stands at around 800.

In summarising our knowledge sharing and exchanging activity throughout the year, we have continued to invest in individuals as well as recognising the importance of knowledge sharing frameworks to the emerging international discipline of indigenous development. We have established the momentum of essential events, hosted and supported new technology and ways of exchange, and continue to develop new models of international indigenous academic publication that meet the needs of both the western academy and indigenous scholars. Collaborations have been extended or developed stand out throughout the year; whether between institutions from across the Māori knowledge landscape, the indigenous scholarly world or the entire international academic sphere. The investment in creating and developing the frameworks to share our knowledge will result in a real difference for Māori and indigenous research for many years to come.







## KNOWLEDGE SHARING CASE STUDY

### Ngā Pae O Te Māramatanga International Conference 6-9 June 2010

The Centre held the 4th biennial international *Mātauranga Taketake: Traditional Knowledge Conference* over four days in June at The University of Auckland. The theme was *Kei muri i te awe kāpara he tangata kē: Recognising, engaging, understanding difference*. This conference, one of the largest multidisciplinary indigenous conferences in the world, enables researchers to share knowledge, form links and create frameworks to inform and shape indigenous research and development both in New Zealand and overseas.

With further external sponsorship secured, we engaged high profile keynote speakers: eight international, including a US state senator, and four from New Zealand, including a government minister. The high calibre of these presenters is just one reason that our delegate numbers exceeded 400, nearly double that of our last conference in 2008. Among the international attendees were a large group of Hawaiians and delegates from 10 other countries, including the Philippines and parts of Africa. We were also graced with the presence of King Tūheitia at our conference dinner, which indicates the importance of the event to New Zealand.

Delegates from small local communities and organisations and academics from the broader indigenous world attended. The number of abstracts accepted rose to 168, again a significant increase from the previous conference. A number of contestable scholarships were provided to enable elders and community representatives from flax-roots level both here and overseas to attend and engage in dialogue with emerging researchers and senior scholars from academia. A special stream was set aside specifically for 30 researchers from our Centre's projects. In addition, there was a dedicated stream of presentations in te reo Māori. Consequently we were able to significantly broaden the range of ideas and perspectives that fed into the conference. The conference gave us an international platform to launch other Ngā Pae o te Māramatanga initiatives, such as the new Fulbright–Ngā Pae o te Māramatanga awards.

The conference has resulted in a lasting set of outcomes for participants, the research community and the indigenous community as a whole. These include the videos and written academic papers of various presenters, available through our new media centre and downloadable on our website. These mean that the knowledge shared at the conference can be shared with a much wider community, both here and overseas. Visitors to the media centre can see our keynote presenters talking through their work and worldview, understand the nuance and echo of their words as they were given, ensuring the accessibility of these ideas. The written papers give an academic record of the contribution of 60 of our presenters, adding to the published body of scholarly knowledge. The conference continues to establish itself as a regular event that many now consider irreplaceable in the indigenous research calendar. The research connections and partnerships that formed at the conference give our researchers future direction, building on strengths from their own lands and enabling them to form linkages across physical and political borders, strengthening the international indigenous research community and giving international reach to our research from Aotearoa New Zealand.

## CAPABILITY BUILDING



One of the major contributions of Ngā Pae o te Māramatanga to the development and transformation of the nation to date will almost certainly be through the increase in Māori doctoral graduates. The Centre has remained committed to encouraging and training Māori PhD graduates since the start of its capability building programme in late 2002. We have seen the number of Māori PhD graduates grow from 112 to 311, an increase of 199 PhD graduates at a rate of 27 per year: 145% higher than the 1994–2001 average. By the end of 2010, total PhD graduates were expected to reach 339, giving almost a three-fold increase in the total number of Māori PhDs over the life of Ngā Pae o te Māramatanga to date. When we add the total number of Māori currently enrolled in PhD programmes (392 in 2009) to this figure, the composite total is 731, which significantly exceeds our composite target of 500 Māori either awarded a PhD or currently enrolled in a PhD programme.



2010 MAI Doctoral Conference, Wellington

These new doctorate graduates are already making significant impacts in generating Māori and indigenous knowledge, as well as contributing markedly to the application of such understanding across a wide and expanding range of disciplines and sectors. The range of scholarly disciplines supported by the programme continues to grow and now include a spread over the sciences and health sciences; language, literature and education; and arts and social sciences. Not surprisingly, there is a strong emphasis on relating and applying research to the Māori world, to its systems of knowledge and to the wider world of indigeneity.

The role that Ngā Pae o te Māramatanga has played in enhancing recruitment and retention of students throughout their graduate study should not be underestimated. Networks and support are essential to our students' success. The MAI Te Kupenga programme, the national network of Māori and indigenous PhD candidates, provides many opportunities for face-to-face and electronic engagements among groups and individual Māori and indigenous doctoral and pre-doctoral students. At least 400 people take part in programme activities during the year. In collaboration with us, the annual MAI Doctoral Conference was hosted by MAI ki Pōneke over three days in October, with 101 participants and 33 presentations. The entire programme was characterised by an outstanding level of research excellence: in scholarship, the level of discussion, conceptual framing, methodology development, data analysis and interpretation, and with impressive presentations over a wide range of research topics. The 7th annual doctoral writing retreat in January 2010 was attended by over 30 students, and continues to garner positive feedback from participants for the structure, inspiration and support provided at these retreats. It is notable that since retreats began, 41 of retreat participants have completed their PhDs, with another 4 theses currently submitted for examination.



Direct funding and support of PhD students and their research continued in 2010, with 12 students awarded pre-doctoral research internships, which enabled them to work on supervised projects over the summer period; 13 students awarded doctoral scholarships, with research topics ranging across a broad spectrum of disciplines; and 5 awards of short-term (four-month) doctoral bridging grants, enabling research outputs to be published in international journals and forming an essential bridge for new PhD graduates establishing their research career.

Continuing the development and promotion of the uptake of a specific high-level curriculum for Māori and indigenous post-graduate study continues to attract our focus. A generic framework for this curriculum has been developed, which is underpinned by a set of attributes for Māori PhD graduates that go beyond the standard academic norm. A key aim of this curriculum is that it clearly meets academic criteria in a way that embraces the Māori world, its values and visions. We began with a strong focus on the skills needed to achieve research capability and excellence, and we continue to seek support from universities to adopt this unique pursuit of academic excellence.

The supervision research project entitled *Teaching and Learning in the Supervision of Māori Doctoral Students* has been extremely successful in disseminating its findings through published articles, conference papers and workshops. It has added significantly to understanding supervision practice in Māori academic contexts.

Networking and supporting research collaborations, both internationally and nationally, remains an important focus of increasing the capability of our researchers. One highlight of the year was establishing three joint awards with Fulbright New Zealand. These awards enable scholars to travel to the USA for advanced study in the case of the graduate award, or for a period of research for the senior scholar awards. The 2010 graduate award went to Daniel Bidois, now at Harvard University, MA; the joint senior scholar award went to Leonie Pihama, who will be based at the University of Washington, WA. A further senior scholar award went to Chellie Spiller, who plans to work with researchers primarily at Harvard and Penn State Universities. Further travel awards in indigenous development for researchers to present their findings in the USA have been developed will be offered from 2011.

Te Pūkenga Tukutuku, the online directory of Māori and indigenous scholars was implemented in June. We now have a powerful means of enabling openness within our scholarly community and to enable them to form new beneficial links and partnerships. Existing collaborative relationships with other Centres of Research Excellence continue, with internship research awards supported jointly with the Allan Wilson Centre. Alliances with the Crown Research Institutes Scion and Landcare Research – Manaaki Whenua on research initiatives strengthen our ability to contribute to iwi-based research and development. In collaboration with the Manu Ao Academy, we jointly designed and ran the course *Leadership for Māori Academics*. The 47 participants gathered for three separate 3-day courses, held at The Universities of Auckland, Canterbury and Victoria in Wellington during the year. There are two published outputs from these wānanga so far and more in preparation.

Ngā Pae o te Māramatanga remains committed to investing in the development of intellectual capital of Māori, both students and established scholars, by provided frameworks for learning, linking and building capability. The curriculum embedded in the network of MAI sites is driving a stronger academic and research-oriented approach. Our capability building initiative, with local and national activities, the grants and fellowships system, the programmes of mentoring and leadership, the scholar directory and our many fruitful collaborations show our significant contribution to the generation of Māori intellectual and human capital.





Dr Kahu McClintock

#### Dr Kahu McClintock

After the completion of her doctorate, in 2010 Kahu was awarded the Dr Erihapeti Rehu-Murchie Research Fellowship, sponsored by the Health Research Council of Aotearoa, to continue her career in research as a research fellow hosted by Te Rau Matatini, Māori health workforce. She is currently the lead researcher on the project Te Tomo Mai Acceptable CAMHS for Māori in Aotearoa: A Youth Perspective.

Kahu is affiliated to Tainui, Taranaki, Ngāti Porou and currently represents Mangatoatoa marae (Ngāti Paretekawa) on the Kauhanganui (tribal parliament) of Tainui/Waikato. She originally trained as a psychiatric nurse as well as a primary school teacher and has vast experience in Child and Adolescent Mental Health Services (CAMHS), special education and kaupapa Māori education. She has worked as a researcher in the research teams of Te Wānanga o Aotearoa, Te Rūnanga o Kirikiriroa and is currently with Te Rau Matatini, Māori Health Workforce.

Kahu has taken part in the MAI Te Kupenga programme throughout her doctoral studies, and especially the annual writing retreats, appreciating the time and space dedicated to writing and focusing on successful PhD completion. She says of the programme of support, “It has been so inspirational to be a part of the Ngā Pae o te Māramatanga writing retreats and the access to an exciting skilled research community of Māori researchers motivated to contribute to better outcomes for their whānau, hapū, iwi and their Māori communities through research.”

#### Dr Paul Whitinui

Paul is now a Senior Lecturer based at the University of Canterbury working in Te Aotahi: School of Maori and Indigenous Studies. He previously worked at the University of Waikato, and completed his doctoral studies in 2008. Paul is affiliated to Ngāpuhi ki Whaingaroa - Ngāti Kahu ki Whaingaroa.

Paul is a past recipient of a MAI doctoral scholarship, which funded the last year of his research and enabled him to complete his doctorate. The former secondary school teacher entered research out of an interest developed not only from personal struggles, but from working with Māori students with various learning and behavioural difficulties. His research has taken many different turns since completing doctoral studies, and he continues to forge new ground in areas pertaining to indigenous methodologies, community Māori and indigenous health and development, alternative learning communities, culturally responsive pedagogies, as well as critical perspectives on what constitutes good health outcomes for Māori and indigenous peoples.



Dr Paul Whitinui



In 2010, Ngā Pae o te Māramatanga has continued to support Paul, awarding him a publishing support grant to enable him to publish his work *Kia Tangi te Titi: Permission to Speak – Successful Schooling for Māori Students in the 21st Century – Issues, Challenges and Alternatives*, due to be published mid-2011. A conference attendance grant allowed him to present his research internationally at the 9th Hawai'i International Conference on Education. Paul also attended the Māori Leadership course, co-organised by Ngā Pae o te Māramatanga and the Manu Ao Academy, and as a result has been inducted into Te Manu Ao Leadership Academy. Paul says that the support he has received has allowed him to “create his own destiny forged by the unique contribution made available by Ngā Pae o te Māramatanga”.

#### **Dr Simon Lambert**

Simon Lambert is now a Lecturer at Lincoln University in Māori Environmental Planning and Development, his research focuses on Māori agribusiness and economics. His research interests span immediate land-based issues in New Zealand to international long-term sustainability issues and the role that indigenous and non-indigenous people have in “re-indigenising humanity”.

Simon’s research career started when he returned to academia in 1998, completing his degree and going onto doctoral study in economic geography at Lincoln University. During his studies, he became involved with the MAI network. He was the MAI coordinator for the Ōtautahi region for two years during his PhD, and the small group of Māori postgraduate students in this region found that this tight group became an invaluable support network. After a Te Tipu Putaiao post-doctoral fellowship at LandCare Research – Manaaki Whenua, Simon returned to Lincoln as a research officer working on a funded Foundation for Research Science and Technology project on innovation in farming, building and energy sectors. Simon continues to be active in the MAI network supporting emerging researchers and he has been the Lincoln University MAI coordinator for the past two years.

In 2010 Ngā Pae o te Māramatanga supported Simon with a conference attendance grant, enabling him to present his work on farming and agriculture at the Native American and Indigenous Studies Association Conference in Tucson, Arizona, which also resulted in a paper that will be published in MAI Review in 2011. Attending this conference enabled Simon to form links and networks around his long term international research interests, and embrace the challenges that Māori and New Zealanders face in the international academy. Simon says of the support provided by Ngā Pae o te Māramatanga that “the local and international networks, and the mentoring and guidance they provide, are invaluable to the success of indigenous researchers and their research”.



Dr Simon Lambert

## RESEARCH RESOURCES: TOOLS FOR INDIGENOUS DEVELOPMENT RESEARCH

**Online Media Centre**

<http://mediacentre.maramatanga.ac.nz>

Technology is changing the way that we access and view information. Indigenous research has always had a strong oral tradition, from the principle of face-to-face communication to strong oral presentations of material at conferences. Our online media centre allows this to take place over time and distance – enabling audiences to watch presentations through the internet. This cutting edge resource has now over a hundred hours of footage available for viewing, including presentations from our research symposia, biennial traditional knowledge conferences and regular seminar series.

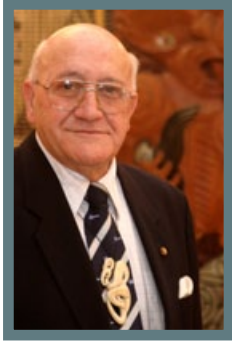
**AlterNative: An International Journal of Indigenous Peoples**

<http://www.alternative.ac.nz>

AlterNative started in 2005 and published Volume 6 in 2010. It was founded by Ngā Pae o te Māramatanga to address a need in the international indigenous scholarly community. Academics and researchers must publish their work to prosper, but many western academic journals do not value indigenous research undertaken on indigenous and cultural principles. This work stands equal to the scholarship of the western academy, but needed a vehicle to allow it to enter the scholarly conversation, to enable it to be judged by peer review on its own terms, and to stand beside scholarly work of the west, equal to, but speaking with a different voice.

AlterNative is Ngā Pae o te Māramatanga's answer to this challenge. Each article is peer reviewed, satisfying this tenet of academic excellence. We aim to have all articles reviewed by an indigenous reviewer from within the same people as the writer or topic under consideration, and all papers are reviewed by at least one indigenous academic. We also solicit reviews from non-indigenous or mainstream academic scholars, ensuring the excellence of the published article on both indigenous and western terms. The profile of AlterNative continues to grow here and overseas, future projects will enable all content to be accessible online, and in regularly publishing increased content, we continue to fulfil a need in the indigenous research community – giving our researchers a strong voice in the international scholarly conversation.

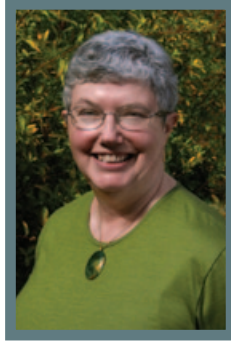




**Sir Tipene O'Regan**

Ngāi Tahu, Chairman

Sir Tipene is the former Chair of the Ngāi Tahu Māori Trust Board, Ngāi Tahu Holdings Corporation, Māwhera Incorporation, Te Ohu Kai Moana, the Sealord Group Ltd and Deputy Chair of Transit New Zealand. He is a previous director of Television New Zealand, Meridian Energy and the founding Chair of Te Tapuae o Rehua Ltd 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.



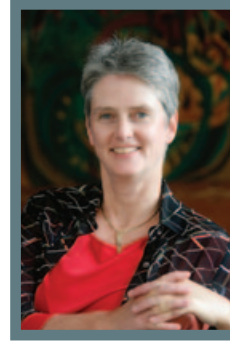
**Associate Professor**

**Jan Crosthwaite**

MA (LaTrobe), PhD (Melbourne)

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.

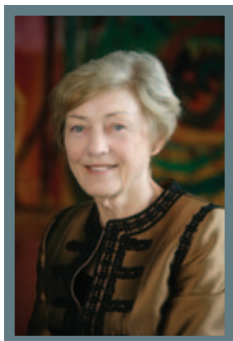


**Professor Jane Harding**

ONZM

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.





**Mrs Alison Paterson**

CNZM, QSO

Mrs Paterson is currently chair of Abano Healthcare Ltd, BPAC NZ Ltd, EACC Oversight Committee (Ambulance NZ) and NRCGD (The University of Auckland). She is a director of Vector Ltd and Chair of Farm IQ, a fellow of ICANZ and a councillor of Massey University.

She was previously chairman of Landcorp Ltd, Metrowater Ltd Waitemata Health Ltd and DHBNZ, Deputy Chair and Director of the Reserve Bank and Health Waikato Ltd. and a Barnardos councillor. She holds an Honorary Doctorate of Commerce from Massey University and is a Distinguished Accredited Fellow of the Institute of Directors.



**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 2002–2005. He was a past member and Chair of the Northland Regional Council, a member of the National Council of Local Government New Zealand, and the Animal Health Board Members' Committee.



**Mr Mike Stevens**

Ngāti Raukawa, Ngāti Kauwhata

Mr Stevens is a former member of the New Zealand Universities Academic Audit Unit and has been an advisor to the Foundation for Research, Science and Technology. He has held a variety of senior public and private sector positions and now runs his own consulting company, Taiaho Limited.



## PARTICIPATING RESEARCH ENTITIES

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

The University of Auckland

University of Waikato

Victoria University of Wellington

University of Otago

Massey University

Auckland University of Technology

Lincoln University

University of Canterbury

Te Whare Wānanga o Awanuiārangi

Te Wānanga o Aotearoa

Auckland War Memorial Museum

Te Papa Tongarewa National Museum of New Zealand

Manaaki Whenua Landcare Research

Waikato Raupatu Lands Trust

Te Taihū o Ngā Wānanga

Te Tapuae o Rēhua

VICTORIA UNIVERSITY OF WELLINGTON  
*Te Whare Wananga o te Upoko o te Ika a Maui*



## PUBLICATIONS AND OTHER OUTPUTS

### Journals

- Ngā Pae o te Māramatanga. (2010). *AlterNative: An International Journal of Indigenous Peoples*, 6 (1). June 2010.
- Ngā Pae o te Māramatanga. (2010). *AlterNative: An International Journal of Indigenous Peoples*, 6 (2). September 2010.
- Ngā Pae o te Māramatanga. (2010). *AlterNative: An International Journal of Indigenous Peoples*, 6 (3). December 2010.
- Ngā Pae o te Māramatanga. (2010). *MAI Review*, 2010 (1), www.review.mai.ac.nz. April 2010.
- Ngā Pae o te Māramatanga. (2010). *MAI Review*, 2010 (2), www.review.mai.ac.nz. August 2010.
- Ngā Pae o te Māramatanga. (2010). *MAI Review*, 2010 (3), www.review.mai.ac.nz. December 2010.

### Newsletters

- Ngā Pae o te Māramatanga. (2010). *Te Pūwānanga* (Newsletter). March 2010.
- Ngā Pae o te Māramatanga. (2010). *Te Pūwānanga* (Newsletter). July 2010.
- Ngā Pae o te Māramatanga. (2010). *Te Pūwānanga* (Newsletter). October 2010.
- Ngā Pae o te Māramatanga. (2010). *Te Pūwānanga* (Newsletter). December 2010.

### Research Reports

- Kiro, C., von Randow, M., & Sporle, A. (2010). *Trends in Wellbeing for Māori Households/Families, 1981–2006*. Auckland: Ngā Pae o te Māramatanga.

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

- Indigenous Weavers Invitational, International Symposium 2010*. Symposium supported by Knowledge Exchange Event Support Grant. Organised by Te Rōpu Raranga Whatu o Aotearoa. Held at Te Wānanga o Aotearoa, Rotorua, Aotearoa, New Zealand. 8–13 January 2010.
- Domestic Violence Consultation Wānanga of Ngā Pae o te Māramatanga*. Held at the Silver Oaks Quality Inn Resort Heritage Hotel, Rotorua, New Zealand. 8–12 March 2010.
- Towards Indigenous Development*. Seminar supported by Knowledge Exchange Event Support Grant. Organised by Ngā Pae o te Māramatanga. Held at The University of Auckland, Auckland, New Zealand. 26 March 2010.
- Ngā Pae o te Māramatanga Seminar Series: Te karanga me te wero: The challenge and the opportunity*. Presented by Professor Michael Walker. Held at Māori Studies, The University of Auckland, Auckland, New Zealand. 16 April 2010.
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- Te Rito, J. S. (2010). Speech & karakia at launch of *AlterNative* Vol 6, Issue 2. AUT Manukau Campus. 22 September 2010.
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## Conference Presentations

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- Black, A. (2010). *Changes in Cd bioavailability in metal spiked soils amended with biosolids: Results from a wheat seedling bioassay*. Paper presented at the 19th World Congress of Soil Science, Brisbane, Australia. 1–6 August 2010.
- Boulton, A., Gifford, H., & Tamehana, J. (2010). *Resilience and whānau ora: Seeking understanding beyond our first impression*. Paper presented the 4th International Traditional Knowledge Conference, Kei muri i te awe kāpara he tangata kē – Recognising, engaging, understanding difference. Ngā Pae o te Māramatanga, The University of Auckland, Auckland, New Zealand. 6–9 June 2010.
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- Ngata, W. (2010). *Pacific Arts Association Conference Presentation of Te Ataakura project*. Paper presented at the National Digital Forum, Te Papa Tongarewa, Wellington, New Zealand. 17–18 October 2010.
- Nikora, L. W., McRae, K.O., & Hodgetts, D. (2010). *A tangi for an ariki: The ritualized performance of grief and mourning in print media reporting*. Paper presented at the Cross-Cultural Conversations about Pacific Identities, Mental Health and Wellbeing, The University of Auckland, New Zealand. 30 September 2010.
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- Paku, L. (2010). *Learning science by doing science: Indigenous peoples experiences of studying undergraduate science*. Paper presented at the ACEN 2010 National Conference Work Integrated Learning (WIL): Responding to Challenges, Perth, Australia. 29 September–1 October 2010.
- Pauling, C. (2010). *Making mātauranga matter: The role of cultural monitoring and health assessment in water management*. Paper presented at the Ngā Pae o te Māramatanga Critical Issues and Research Symposium: Ki uta Tangaroa, Ki uta Tai: Water Our Future, Christchurch, New Zealand. 15–16 November 2010.
- Pihama, L. (2010). *Matarakau: Stories of traditional healing*. Paper presented at the Knowing Your Roots: Indigenous Medicines, Health Knowledges and Best Practices: International Network of Indigenous Health Knowledge and Development (INIHKD) Conference, Washington State, USA. 24–28 May 2010.
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- Richardson, T., Ormond, A., Oliviera, K., Joseph, B. & Villegas, M. (2010) *Homeward bound: Occupying the space in between here and there. E.T. phone home: indigenous scholars finding our place symposium*. American Educational Research Association. Understanding complex ecologies in a changing world. Denver, USA. 3 May 2010.
- Royal, C. P. (2010) *Keynote address: Indigenous transformation through research excellence*. Senior Staff Conference. James Cook University, Queensland, Australia. 24 November 2010.
- Royal, C. P. (2010). *Keynote address: Leadership in Māori research settings*. Paper presented at the Manu Ao Leadership Course, Te Herenga Waka Marae, Victoria University of Wellington, Wellington, New Zealand. 2–3 September 2010.
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- Royal, C. P. (2010). *Ōrotokare: Art, story, motion. Towards indigenous theatre and performing arts*. Paper presented at the Whare Tapere 2010, Waimangō, Wharekawa, New Zealand. 6 February 2010.
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- Seiuli, B. (2010). *Gapatia i le Galulolo: Post tsunami trauma and grief support in Samoa 2009 and 2010*. Paper presented at the Death Studies in Aotearoa/New Zealand Symposium, University of Waikato, New Zealand. 11 November 2010.

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- Smith, C. (2010). *He mokopuna he tupuna: The health and wellbeing of grandparents raising mokopuna*. Paper presented at the Knowing Your Roots: Indigenous Medicines, Health Knowledges and Best Practices: International Network of Indigenous Health Knowledge and Development (INIHKD) Conference, Washington State, USA. 24–28 May 2010.
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- Sullivan, S. J., Williams, L. R. T., Hokowhitu, B., McCrory, P., Gray, A., & Sye, G. (2010). *Exploring cultural and gender differences in concussion reporting by young New Zealander rugby players*. Paper presented at the IBIA conference, Connecticut, United States of America. 20–24 September 2010.
- Te Aho, L. (2010). *Integrating indigenous traditional knowledge and western science for river restoration*. Paper presented at the 13th International River Symposium, Perth, Australia. 11–14 October 2010.
- Te Awekotuku, N. (2010). *Invited keynote address: Whaia te iti kahurangi: Flying the blue skies of research*. Paper presented at the Runninghot! 2010 Wonder & Widgets: Realizing the Value of Research for New Zealand, Te Papa Tongarewa, Wellington. 1–3 November 2010.
- Te Awekotuku, N., Nikora, L. W., & Moeke-Maxwell, T. (2010). *An overview: The tangi research programme*. Paper presented at the Cross-Cultural Conversations about Pacific Identities, Mental Health and Wellbeing, The University of Auckland, New Zealand. 30 September 2010.
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- Te Rito, J. S., & Nuku, P. (2010). *Using ICT to enhance Māori language teaching*. Paper presented at the 3rd Edition: ICT for Language Learning, PIXEL, Florence, Italy. 11–12 November 2010.
- Te Whiti Love, M. (2010). *Wai Māori – Māori and freshwater resources*. Paper presented at the Ngā Pae o te Māramatanga Critical Issues and Research Symposium: Ki uta Tangaroa, Ki uta Tai: Water Our Future, Christchurch, New Zealand. 15–16 November 2010.
- Tunks, M. (2010). *Whānau ora health impact assessment and its use in Māori public health*. Paper presented at the 20th IUHPE World Conference on Health Promotion, Geneva, Switzerland. 11–15 July 2010.
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- Unasa, U., ‘Ofamo’oni, M., & Seiuli, B. (2010). *Pacific perspectives on death and dying*. Paper presented at the Cross-cultural Conversations about Pacific Identities, Mental Health and Wellbeing, The University of Auckland, New Zealand. 30 September 2010.
- Wakefield, B. (2010). *Tukituki water storage scheme: Cultural values and relationship to water quality for tangata whenua*. Paper presented at the Ngā Pae o te Māramatanga Critical Issues and Research Symposium: Ki uta Tangaroa, Ki uta Tai: Water Our Future, Christchurch, New Zealand. 15–16 November 2010.

## PUBLICATIONS AND OTHER OUTPUTS

- Williams, L. R. T., & Ormond, A. (2010). *Ngā Pae o te Māramatanga: An update and a view forward*. Paper presented at the MAI Doctoral Students Conference, Victoria University of Wellington, Wellington, New Zealand. 18–20 October 2010.
- Williams, L. R. T., & Ormond, A. (2010). *Ngā Pae o te Māramatanga: The pursuit of excellence and especially meaning*. Paper presented at the MAI Doctoral Students Conference, Victoria University of Wellington, Wellington, New Zealand. 18–20 October 2010.
- Wilson, J. K. T. (2010). *Ma āku ringaringa a whakātu ōku whakāro (my hands will tell you what i think): Tāniko & film theory*. Paper presented the 4th International Traditional Knowledge Conference, Kei muri i te awe kāpara he tangata kē – Recognising, engaging, understanding difference. Ngā Pae o te Māramatanga, The University of Auckland, Auckland, New Zealand. 6–9 June 2010.
- Wilson, J. K. T. (2010). *E whakarururu ana te māori i roto i te hunga mātakitaki māori: Problematising the "Māori" in the "Māori audience"*. Paper presented at the Media, Democracy & Change: ANZCA Annual Conference, Old Parliament House, Canberra, ACT, Australia. 7–9 July 2010.
- Wilson, J. K. T. (2010). *E whakarururu ana te māori i roto i te hunga mātakitaki māori: Problematising the "Māori" in the "Māori audience"*. Paper presented at the Next Generation of Researchers: Cultural Studies Association of Australasia Conference, University of Western Sydney, Parramatta, New South Wales, Australia. 20–21 September 2010.
- Wilson, J. K. T. (2010). *Ma āku ringaringa a whakātu ōku whakāro (my hands will tell you what i think): Tāniko & film theory*. Paper presented at the Midwest Popular Culture Association and Midwest American Culture Association (MCPA/ACA) Annual Conference, Minneapolis, Minnesota, United States of America. 1–3 October 2010.
- Wilson, J. K. T. (2010). *E whakarururu ana te māori i roto i te hunga mātakitaki māori: Problematising the "Māori" in the "Māori audience"*. Paper presented at the Contemporary Ethnography Across the Disciplines Conference, University of Waikato, Hamilton, New Zealand. 17–19 November 2010.
- Wirihana, R. (2010). *Māori women's voices on life experience and journey*. Paper presented at the Māori Association of Social Scientists Conference, Auckland, New Zealand. 1–3 December 2010.
- Wirihana, R. (2010). *Māori women's voices on life experience and journey*. Paper presented at the Trans Tasman Women in Psychology Conference, Nelson, New Zealand. 3–5 December 2010.







# FINANCIAL STATEMENTS

Ngā Pae o te Māramatanga

NATIONAL INSTITUTE OF RESEARCH EXCELLENCE FOR MĀORI DEVELOPMENT AND ADVANCEMENT

STATEMENT OF INCOME AND EXPENDITURE

FOR THE YEAR ENDED 31 DECEMBER 2010

		Notes	Actual 2010	Actual 2009
			12 Months	12 Months
			\$	\$
<b>Operating income</b>				
	<b>Tertiary Education Commission grant receipts</b>	3b	<b>5,330,960</b>	5,330,960
	Change in year end research obligations	1c, 3c	<b>219,347</b>	(450,192)
	Tertiary Education Commission grant income		<b>5,550,307</b>	4,880,768
	<b>Other grant receipts</b>	6	<b>196,549</b>	68,107
	Change in year end Research obligation	4	<b>164,884</b>	158,149
	Net other grant income		<b>361,433</b>	226,256
<b>Total operating income</b>			<b>5,911,740</b>	5,107,024
<b>Expenditure</b>				
	Salary and salary related costs		<b>1,386,419</b>	1,375,496
	Overheads	7	<b>654,584</b>	572,759
	Other operating costs		<b>1,102,999</b>	504,907
	Subcontractors	8	<b>2,763,372</b>	2,632,289
	Equipment rental		<b>4,366</b>	21,573
<b>Total operating expenditure</b>			<b>5,911,740</b>	5,107,024
<b>Net surplus / (deficit)</b>			<b>0</b>	0

# FINANCIAL STATEMENTS

Ngā Pae o te Māramatanga

NATIONAL INSTITUTE OF RESEARCH EXCELLENCE FOR MĀORI DEVELOPMENT AND ADVANCEMENT

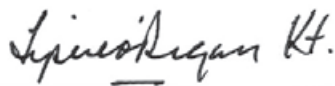
BALANCE SHEET

AS AT 31 DECEMBER 2010

		Notes	Actual 2010	Actual 2009
			12 Months	12 Months
			\$	\$
<b>Assets</b>				
<b>Current assets</b>				
	Research funds held by The University of Auckland	1C, 3C, 4,5	2,525,915	2,910,146
<b>Total current assets</b>			<b>2,525,915</b>	2,910,146
<b>Total assets</b>			<b>2,525,915</b>	2,910,146
<b>Current liabilities</b>				
	Research obligations	1C, 3C, 4	2,525,915	2,910,146
<b>Total current liabilities</b>			<b>2,525,915</b>	2,910,146
<b>Total liabilities</b>			<b>2,525,915</b>	2,910,146

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

Signed on behalf of the Board



Chairman



Director

# FINANCIAL STATEMENTS

Ngā Pae o te Māramatanga

NATIONAL INSTITUTE OF RESEARCH EXCELLENCE FOR MĀORI DEVELOPMENT AND ADVANCEMENT

NOTES TO THE FINANCIAL STATEMENTS

AS AT 31 DECEMBER 2010

## 1. Statement of Accounting Policies

### (a) Basis of Preparation

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

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 2010. The comparative figures are for the 12 months ended 31 December 2009.

### (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 to the return of 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.

# FINANCIAL STATEMENTS

## (e) Changes in Accounting Policy

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

## 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 year ending 30 June 2010	\$5,330,960
Approved and received for the half year ending 31 December 2010	\$2,665,480
Approved for the half year ending 30 June 2011	\$2,665,480
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

	Actual 2010	Actual 2009
	12 Months	12 Months
	\$	\$
(b) Tertiary Education Commission		
Grant for the 12 months ending 31 December 2010	<b>5,330,960</b>	<b>5,330,960</b>
(c) Tertiary Education Commission – Research Funds held by The University of Auckland		
Research obligations at the beginning of the year	<b>2,787,311</b>	2,337,119
Change in research obligations	<b>(219,347)</b>	450,192
Change in capital equipment fund	<b>0</b>	0
Research obligations at the end of the year	<b>2,567,964</b>	2,787,311



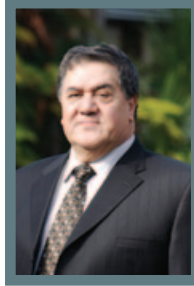
# FINANCIAL STATEMENTS

<b>4</b>	<b>Other research funds held as research obligations</b>		
	Research obligations at the beginning of the year	<b>122,835</b>	280,984
	Research Funds returned to HRC	<b>0</b>	0
	Change in research obligations	<b>(164,884)</b>	(158,149)
	Research obligations at the end of the year	<b>(42,049)</b>	122,835
<b>5</b>	<b>Commitments</b>		
	There are outstanding commitments of \$2,781,457 for signed contracts against research funds held for the research.		
	Capability Building and Knowledge Exchange programmes at balance date. (2009: \$1,500,872)		
<b>6</b>	<b>Other revenue</b>		
	Total of other grants received.	<b>196,549</b>	68,107
<b>7</b>	<b>Overheads</b>		
	Overheads paid from Tertiary Education Commission Grant income	<b>578,183</b>	483,643
	Overheads paid from other grant income	<b>76,401</b>	89,116
	<b>Total</b>	<b>654,584</b>	572,759
<b>8</b>	<b>Subcontractors</b>		
	Payments to subcontractors are for contracted research, knowledge exchange and capability building projects for all participating entities.		
<b>9</b>	<b>Operating expenditure</b>		
	Ngā Pae o te Māramatanga did not incur any interest, audit fees or write off any bad debts expenses during the year (2009 nil).		

PRINCIPAL INVESTIGATORS



Dr Rāwinia Higgins  
Victoria University of  
Wellington



Distinguished Professor  
Graham Smith  
Te Whare Wānanga o  
Awanuiārangi



Professor Mike Walker  
The University of  
Auckland



Associate Professor  
Pōia Rewi  
University of Otago



Dr Wayne Ngata  
Tairāwhiti Polytechnic



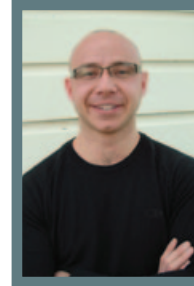
Dr Shaun Ogilvie  
Cawthron Institute



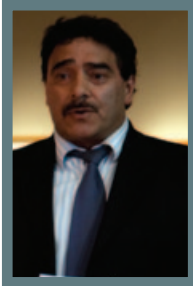
Dr Hemi Whaanga  
University of Waikato



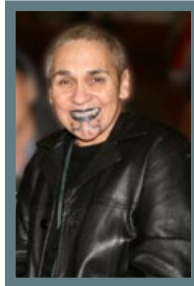
Dr Tom Roa  
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Dr Corey Bragg  
University of Otago



Arapata Hakiwai  
Museum of New Zealand  
Te Papa Tongarewa



Professor Ngahuia Te  
Awetotuku  
University of Waikato



Dr Jason Turuwhenua  
The University of  
Auckland



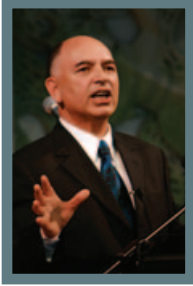
Dr Daniel Hikuroa  
The University of  
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Dr Jane Kitson  
Te Ao Mārama Inc.



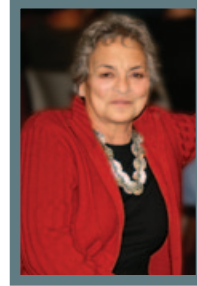
Associate Professor  
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Te Kupenga Hauora Māori



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**Associate Professor  
Nin Tomas**  
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**Dr Ngāpare Hopa**  
Jefferson Rakau Ltd



**Professor Charles Royal**  
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**Dr Amohia Boulton**  
Te Roopu Awhina ki  
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**Dr Pam Bennett**  
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**Dr Marion Johnson**  
University of Otago



**Ted (Edward) Waaka**  
28 Māori Battalion D  
Company Charitable  
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Ahukāramu Royal  
Director



Professor Michael Walker  
Joint Director  
(until February 2010)

## PROGRAMME LEADERS



Dr Marilyn Brewin  
Research



Professor Leslie  
Williams  
Capability Building



Dr Joseph Te Rito  
Knowledge Exchange

## RESEARCH FELLOWS



Dr Todd Dennis

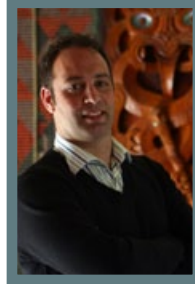


Dr Adreanne Ormond  
Pre-Doctoral Coordinator

## PROGRAMME OFFICERS



Donna Gardiner  
Research



Simon Rangiwahia  
Research

## PROGRAMME COORDINATORS



Jane Rangiwahia  
Capability Building



Zaine Mitchell  
Knowledge Exchange



## BUSINESS AND OPERATIONS STAFF



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Business Manager



**Premika Sirisena**  
Administrator



**Honorine Franswah**  
Administrative  
Assistant



**Dr Tim West-Newman**  
Systems Developer/  
Analyst



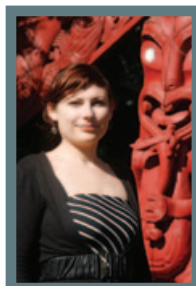
**Josie McClutchie**  
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**Dr Helen Ross**  
Publications Manager



**Dr Susan Healy**  
Publications Coordinator



**Phoebe Fletcher**  
Journal Coordinator



**Kimiora Brown**  
Journal Coordinator





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NGĀ PAE O TE MĀRAMATANGA

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