

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

# FROM THE DIRECTOR

Tēnā koutou katoa,

The first half of 2012 has been busy for Ngā Pae o te Māramatanga (NPM). We held a national colloquium in April to officially launch and discuss the issues raised in the first volume of our Edited Collection Series, *Māori and Social Issues* edited by Dr Tracey McIntosh and Malcolm Mulholland. For the full report, see page three.

Also during April we launched the 2012 Horizons of Insight Seminar Series. This year's series has an overarching theme of Māori research methodologies. The first seminar featured a panel of Dr Mere Kēpa, Dr Cherryl Smith and Dr Paul Reynolds who provided a fascinating discussion on unique Māori methodologies and ethical practice. See page two for more details.

Te Whare Kura: Indigenous Knowledges, Peoples and Identities Thematic Research Initiative held their Indigenising Knowledge for Current and Future Generations symposium in March, and we jointly published the proceedings with them. These proceedings bring together the refereed contributions to the symposium and are available to download for free from www.maramatanga.ac.nz/ selected\_publications.

We have been busy getting ready for our biennial International Indigenous Development Research Conference to be held 27th–30th June at The University of Auckland. There is still time to register before the closing date of 22nd June so I urge you to sign up, if you haven't already, to take advantage of the world-class programme in place for this four-day event.

At the conference, we will launch our evolved academic journal, *MAI Journal: A New Zealand Journal of Indigenous Scholarship* and the 2012 NPM research projects, which align with our new research priorities and themes. *MAI Journal* is a peer-reviewed open access scholarly journal that critically engages with indigenous issues in the context of Aotearoa New Zealand. For more details about the conference and the journal, please see overleaf.



Dr Tracey McIntosh presents at the Māori and Social Issues Colloquium, with Hon. Dr Pita Sharples (left) and Dr Te Kawehau Hoskins, Dr Laurie Morrison and Dr Amohia Boulton (right)

There are a number of other exciting events being held shortly. NPM Research Director Dan Hikuroa and I will speak at the Ngā Korero Tātaki – Leadership Discussions on Indigenous Sustainability evening series which runs during June and July at the Auckland Museum; Dan is part of the "What Lies Beneath" information sharing and networking event to be hosted by GNS Science and NPM at Te Papa Museum on 15th June; and I am a speaker at the Transit of Venus Forum to be held in Gisborne, 5th–8th June. Please see the events section of our website for more details.

Further afield, Dan presented at the 2012 American Education Research Association (AERA) annual meeting in April, as well as attending the "Hands Back, Hands Forward" conference, both held in Vancouver. I know he saw some of you there too and told me everyone was impressed by the calibre of presentations from Aotearoa. See page six for a full report. And finally, on the same page read about the documentary *People's Media Venezuela* which was accepted into the 2012 Latin American Studies Association Film Festival in San Francisco and our Production Coordinator – AV Josie McClutchie worked on. Congratulations also go to Josie and her whānau on the arrival of a healthy baby girl in May.

Ngā mihi,

Che Rayak

Professor Charles Royal **Director** 



Indigenous Transformation through Research Excellence

#### He Mihi

Kei ngā maunga huahua Kei ngā taumata iringa kōrero Kei ngā wai karekare Kei ngā awa tuku kiri a te iwi Kei ngā nohoanga tāngata Tēnā koutou Tēnā koutou Tēnā koutou

#### He Whakataukī

E noho koe ki te waewae o Uenuku Kia ora ai te tangata

Sit at the feet of the Rainbow So that humankind might prosper

Ngā Pae o te Māramatanga thanks all those who contributed to this newsletter.

#### Editor

Gretchen Carroll

Items and photos for the newsletter can be sent to Gretchen Carroll.

comms@maramatanga.ac.nz

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# HORIZONS OF INSIGHT SEMINAR SERIES 2012

This year the Horizons of Insight Seminar Series has a general theme of Māori research methodologies. Māori researchers have created exciting ways to approach and carry out research over the past 25 years. Early new research methods were underpinned by Māori cosmology and mātauranga, and these approaches are still in use today. However, Māori researchers continue to redefine methodological spaces, and the overarching concept of mātauranga Māori is often supported by methods specific to hapū knowledge.

Within this framework, researchers have developed approaches to work appropriately and engage effectively with Māori communities. These methodologies are underpinned by ethics and procedures that ensure participants are well informed and supported throughout the process, until after the research is completed. Ngā Pae o te Māramatanga researchers have made significant contributions to the creation of research methodologies over the past ten years, and we are showcasing some examples this year.

The first seminar held in April featured three speakers, followed by a discussion on unique Māori methodologies. Dr Mere Kēpa (Ngāpuhi, Ngāti Whātua, Ngāi Tuhoe) from The University of Auckland, and Dr Cherryl Smith (Ngāti Apa, Whanganui, Te Aitanga ā Hauiti, Ngāi Tūmapuhiārangi) and Dr Paul Reynolds (Ngāpuhi, Ngāti Tūwharetoa, Whanganui) from Te Atawhai o te Ao discussed methodologies and ethical practice in the context of their experiences.

In May, Dr Wayne Ngata (Te Āitanga ā Hauiti, Ngāti Porou, Ngāti Ira), Dr Hēmi Whaanga (Ngāti Kahungunu, Ngāi Tahu, Ngāti Māmoe, Waitaha) and Arapata Hakiwai (Ngāti Kahungunu, Rongowhakaata, Ngāti Porou,



Dr Cherryl Smith



Dr Paul Reynolds

Ngāi Tahu) discussed the methodologies, ethics, processes and procedures encountered in using new and emerging technologies for the development of databases of Māori taonga in overseas museums, the digital repatriation of taonga and the creation of digital libraries of mātauranga Māori.

#### Upcoming seminars in 2012 are (to be confirmed):

- How being Māori impacts on research: Dr Shane Wright on 25th July
- Au e Ihu! Ngā Mōrehu Taua: Those that are left behind must endeavour to complete the work: Associate Professor Huia Tomlins-Jahnke, Māori Battalion on 28th August
- Aituā unique Māori research methodologies what's different?: Associate Professor Linda Nikora, Dr Ngāhuia Te Awekotuku on 26th September
- Mātauranga Māori and science: Dr Shaun Ogilvie on 31st October
- Research methodologies for Te Reo Māori research: Associate Professor Poia Rewi, Dr Rāwinia Higgins on 21st November

Keep an eye on **www.maramatanga.ac.nz** for more updates, and past seminars are available to view on the Online Media Centre **mediacentre.maramatanga.ac.nz** 

# MĀORI AND SOCIAL ISSUES COLLOQUIUM

Ngā Pae o te Māramatanga held a national colloquium in April to discuss Māori and social issues research and policy needs and priorities, and the contribution research may make to address these issues.

The first book in the NPM Edited Collections Series, *Māori and Social Issues*, was launched at the event. It was edited by Dr Tracey McIntosh and Malcolm Mulholland, and published in collaboration with Huia, with several of the authors presenting at the colloquium. This Series looks at Māori research in areas that are critical for Māori and broader society.

The Hon. Dr Pita Sharples was the special guest speaker and applauded the book and the researchers' work. Sir Tīpene O'Regan followed with a thought-provoking talk about New Zealand society now and in the future.

During the morning Dr McIntosh gave an overview of the book, and later talked about her chapter in the book, "Incarceration and confinement". She made the striking point that the warehousing of youth in prisons and the ongoing incarceration of indigenous peoples is largely a silent crisis that has resulted in the normalisation of the loss of freedom for indigenous peoples.

Three other authors presented: Dr Laurie Morrison on Māori women and gambling; Dr Te Kawehau Hoskins spoke about Māori education and achievement; and Dr Amohia Boulton gave an overview of her chapter, "Resilience as a conceptual framework for understanding the Māori experience: positions, challenges and risks". The half-day in Wellington attracted more than 100 people and prompted comments from the floor during the discussion session after lunch.

"While this book deals with social problems, this is not a call to a return of deficit research. Rather it is an opportunity to collectively provide power-centred, Māori-centred perspectives and solutions," says Dr McIntosh. "The colloquium brought government policy people, Māori community and researchers together in a positive way not often seen in New Zealand."

*Māori and Social Issues* is available for purchase through Huia www.huia.co.nz/shop&item\_id=3011



The colloquium in Te Wharewaka o Poneke, Wellington







Dr Laurie Morrison



Dr Tracey McIntosh



Hon. Dr Pita Sharples with Sir Tīpene O'Regan (seated)

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# MAI JOURNAL: A NEW ZEALAND JOURNAL OF INDIGENOUS SCHOLARSHIP LAUNCH

Ngā Pae o te Māramatanga (NPM) will launch MAI Journal: A New Zealand Journal of Indigenous Scholarship as part of the NPM Research Showcase at the International Indigenous Development Research Conference in June. This journal has evolved from MAI Review, and complements AlterNative: An International Journal of Indigenous Peoples. It is published in Auckland by NPM, and the Editors are Professor Michael Walker and Dr Tracey McIntosh. We are proud to be associated with MASS, the Māori Association of Social Science, which is represented on our editorial board. For more information on our board, please visit our website.

*MAI Journal* publishes multidisciplinary peer-reviewed articles around indigenous knowledge and development in the context of Aotearoa New Zealand. We publish scholarly articles that substantively engage with intellectual indigenous scholarship. *MAI Journal* is peer reviewed to international standards by reviewers both in Aotearoa New Zealand and internationally.

The first issue of *MAI Journal* contains seven research papers covering the wide scope of

indigenous research in the context of Aotearoa New Zealand.

- "The long dark cloud of racial inequality and historiographical omissions: the New Zealand Native Land Court," Beryl Woolford Roa
- "Hei oranga Māori i te ao hurihuri nei: living as Māori in the world today – An outcome of kura kaupapa Māori," Kīmai Tocker
- "Remembering the deeds of Māui: what messages are in the tuakana-teina pedagogy for tertiary educators?" Mei Winitana
- "'Māori news is bad news': that's certainly so on television," Ray Nairn, Angela Moewaka Barnes, Belinda Borell, Jenny Rankine, Amanda Gregory and Tim McCreanor
- "Cloaked in life and death: Korowai, kaitiaki, and tangihanga," Vincent Malcolm-Buchanan, Ngāhuia Te Awekotuku, Linda Waimarie Nikora
- "Takitoru: from parallel to partnership: A ritual of engagement based on Te Tiriti o Waitangi for implementing safe cultural practice in Māori counselling and social science," Rawiri (David) Waretini Karena
- Commentary: "Our Reflections on Identity, Gender and Transforming Action: A lesson from place," Bronwyn Fredericks, Melissa

Walker, Christine Peacock, Debbie Duthie, Odette Best.

The issue will be published online on 27th June 2012 and all content is free to access. We are now calling for papers for the second and future issues of *MAI Journal*. We accept articles all year round and urge you to consider submitting your next paper to *MAI Journal*. For author guidelines, journal content and to submit a paper, please visit our website: www.journal.mai.ac.nz



# THE 5TH BIENNIAL INTERNATIONAL INDIGENOUS DEVELOPMENT RESEARCH CONFERENCE 2012

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

Held at The University of Auckland, New Zealand | 27-30 June 2012

For more information and to register now, visit **www.indigenousdevelopment2012.ac.nz** 

Online registration closes on Friday 22 June 2012



## **CONFERENCE REGISTRATIONS CLOSING SOON**

Make sure you don't miss out on the 5th biennial Ngā Pae o te Māramatanga 2012 International Indigenous Development Research Conference. Registrations close 22nd June.

The conference, 27th–30th June in Auckland, will be all-encompassing and multi-disciplinary, welcoming indigenous scholars from many different research fields and nations to come together and share knowledge, develop ideas and create innovative approaches to research. It will highlight indigeneity and the multidisciplinary approach used for indigenous development.

The draft programme can be viewed at www.indigenousdevelopment2012.ac.nz

Highlights include the keynote speakers who are leaders in their fields.



# Dr Keawe'aimoku Kaholokula (Kānaka 'Ōiwi o Hawai'i) has a PhD in clinical psychology and is the Chair and Associate Professor of Native Hawaiian Health and Deputy Director for

the Center of Native and Pacific Health Disparities Research in the John A. Burns School of Medicine at the University of Hawai'i at Mānoa.

His current research is funded by the National Institutes of Health in the U.S. to examine biological, psychological, and socio-cultural factors (and their interplay) affecting Native Hawaiian and Pacific Islander health and to develop community-based and culturally relevant interventions. He is also a member of a Native Hawaiian cultural group, called the Halemua o Kūali'i, dedicated to the perpetuation of Hawaiian cultural practices and values and building strong leaders for Hawaiian communities.



# Dr Jelena Porsanger

(Skolt Sámi) is Rector of the Sámi University College. She received her doctoral degree from the University of Tromsø, Norway in 2006. Her doctoral thesis deals with evaluation of source

material for the study of indigenous religion of the Eastern Sámi, within the framework of indigenous methodologies. Before becoming Rector, Jelena was Associate Professor at the Sámi University College leading a pilot project on documentation and protection of Sámi traditional knowledge. She has published many papers about Eastern Sámi traditions, religion and history, indigenous methodologies, traditional knowledge and indigenous epistemologies. She has been an expert in knowledge and capacity building for the UN Permanent Forum on Indigenous Issues. For many years she has been the chief editor of the *Sámi dieđalaš áigečála*, a peerreviewed research periodical in the Sámi language.

## Troy A. Richardson



(Tuscarora/Saponi) is Assistant Professor of Education and American Indian and Indigenous Studies at Cornell University. As both a philosopher of education and scholar in American

Indian studies, Troy's research, scholarship and pedagogical efforts centre on expanding the philosophical and conceptual foundations of education to include the intellectual traditions of indigenous and other minoritised communities. He draws particular attention to the epistemological and ontological dimensions of indigeneity as it is revealed in literature, visual culture and non-fiction works by indigenous peoples. More specifically, he theorises about the nature of selfhood, ethics, gender, ecology and power from these indigenous intellectual traditions to chart the alternative social and philosophical imaginaries of indigenous peoples. His work helps to reveal the precise operations of a still operative colonialism in Euro-centric intellectualism and knowledge production in research and academic settings.



#### Aroha Te Pareake Mead

(Ngāti Awa, Ngāti Porou) is the global Chair of the IUCN Commission on Environment, Economic and Social Policy and a Senior Lecturer in Māori Business, Victoria Management School,

Victoria University of Wellington. She has been involved in indigenous cultural and intellectual

property and environmental issues for more than 30 years at tribal, national, Pacific regional and international levels. Her current interests are in providing insights into new models of conservation and development.

Aroha previously worked as the National Policy Director for Te Tau Ihu o Ngā Wānanga – the National Secretariat for the three Māori/ tribal universities: Te Whare Wānanga o Awanuiārangi, Te Wānanga o Aotearoa and Te Wānanga o Raukawa, and before that she held managerial positions in Te Puni Kōkiri, the Ministry of Māori Development.

#### Professor Te Ahukaramū Charles Boyal



Charles Royal (Marutūahu, Ngāti Raukawa and Ngā Puhi) is a musician and researcher with interests in the creative potential of mātauranga Māori (Māori knowledge),

particularly as this relates to the whare tapere (traditional houses of performing arts). He is Director of NPM and Professor of Indigenous Development in the Faculty of Arts, The University of Auckland.

Charles is a former Director of Graduate Studies and Research at Te Wānanga o Raukawa, Ōtaki, where he was also Kaihautū (convenor) of a graduate programme in mātauranga Māori and conducted research into theories of knowledge and worldview. Charles has written or edited six books on aspects of mātauranga Māori and iwi history, the most recent being *Te Ngākau: He Wānanga i te Mātauranga* (MKTA 2009), a text in Māori about knowledge.

There are three special social events during the conference – the welcome luncheon on the first day; the celebration and launch of our new academic journal *MAI Journal* and the 2012 NPM research projects on the Thursday evening; and on the Friday night there is a conference dinner at the Viaduct Events Centre in Auckland city.

For more information and to register by 22nd June visit www.indigenousdevelopment2012.ac.nz

# PEOPLE'S MEDIA VENEZUELA

People's Media Venezuela made its debut public screening at the Latin America Studies Association (LASA) film festival in San Francisco in May. The documentary was edited by Ngā Pae o te Māramatanga Production Coordinator – AV Josie McClutchie, and produced by The University of Auckland's Dr Kathryn Lehman and Dr Geraldene Peters from AUT University.

Over the last decade, indigenous peoples and new social movements have produced the most profound and democratic transformation in the history of Latin America, the southern part of what indigenous peoples call Abya Yala (the Americas). Some describe this moment as potentially post-capitalist and others as decolonial, suggesting the ways these changes challenge colonialism. Indigenous leaders such as Bolivian President Evo Morales are contributing new ideas to solving global crises such as access to water and climate change. Unfortunately, many of these changes and proposals are almost unknown outside of the region because of the unequal access to and control over transnational media networks.

Venezuela is a world leader in opening media access to communities and establishing a continental network, Telesur, which offers perspectives on world news. One of the major innovations introduced in the country has been the establishment of 700 Infocentros, which



bring high quality internet, film and citizens' media training to urban and rural communities free of cost. Their project "Technological Literacy for Older Adults" received a 2010 UNESCO award for innovation in enabling some 1 million people to develop technology literacy skills.

The 30 minute documentary presents a way of thinking about the role of participatory media in social transformation, by providing interviews with comunicadores sociales from different areas of the country who describe media projects that have released the energy, creativity and humour of diverse local communities constructing democracy amidst social change. For example, David Hernández-Palmar, Leiqui Uriana and Jorge Montiel (Wayuu) describe how their communities use media for indigenous self-determination. David visited Aotearoa in December 2011 to lead a workshop on indigenous peoples and participatory media.

To watch *People's Media Venezuela*, visit our new look Online Media Centre **mediacentre.maramatanga.ac.nz** 

#### **CANADIAN CONFERENCES HIGHLIGHT INDIGENITY**

Ngā Pae o te Māramatanga (NPM) Research Director Dr Dan Hikuroa was encouraged to see the amazing indigenous work from New Zealand and overseas presented at recent meetings in Canada. Dan was a delegate at the "Hands Back, Hands Forward" conference, and attended and presented at the 2012 American Education Research Association (AERA) annual meeting, both held in Vancouver in April.

The "Hands Back, Hands Forward" conference, co-hosted by the University of British Columbia and Simon Fraser University, falls under the umbrella of two AERA special interest groups: Indigenous Peoples of the Americas and Indigenous Peoples of the Pacific. The conference, held in the impressive University of British Columbia longhouse, was attended by approximately 120 people and, as well as providing a physical space, Dan says it was an appropriate cultural and spiritual space for the indigenous voice to be heard and discussions to take place. "Hands back, hands forward" refers to a First Nations concept of reaching back to receive knowledge from ancestors; using and adding to this knowledge and then passing it forward to the next generation.

"This conference certainly grounded me by going back to the basic questions of what is research, and what is indigenous research and indigenous methodologies," says Dan.

The theme for the prestigious AERA annual meeting which followed was "To Know Is Not Enough" and attracted about 14,000 delegates. Dan presented his talk "Who says Māui wasn't a scientist?" and spoke about the low number of Māori students engaged in science and possible strategies to improve this; including using Māui as a role model scientist to engage with Māori students by encouraging them to think and act like Māui.

"Māui is a prominent demi-god mythical figure in Pacific tradition. Māui was extremely curious, willing to push boundaries and achieved many great feats. It is tempting to call Māui a scientist, but it would not adequately describe him. However, as it has been demonstrated some Māori knowledge is science, it could be said that Māui was one of the greatest scientific thinkers ever."

Māui is a figure throughout Polynesia and could be a way of increasing participation in science throughout the area, says Dan.

Dan was one of several Māori academics at the AERA conference, including premier keynote Professor Linda Smith, former co-director of NPM, and Professor Graham Smith, lead investigator on NPM's Te Pae Tawhiti: Māori Economic Development research, who gave a presidential address.

# **NEWS FROM ALTERNATIVE**

AlterNative: An International Journal of Indigenous Peoples was represented at this year's Congress of the Latin American Studies Association (LASA) in May, as well as at the Native American and Indigenous Studies Association (NAISA) Conference in June, increasing its international outreach.

The new issue of *AlterNative* (Volume 8, no. 2) has a wide variety of papers on indigenous peoples' issues in New Zealand. Drs Emily Voyde and Te Kipa Kepa Brian Morgan's article identifies that sustainable design principles share many concepts with the traditional indigenous views on the environment. They present current sustainable design techniques such as for stormwater management and show how these "new" techniques have been practised by Māori already in New Zealand when design focused on Māori landowner values. Joanna Kidman examines the ways in which Māori young people's relationships with tribal land contribute to a contemporary politics of belonging and sense of place. The article by Zoe McGavock and co-authors "Māori and Pain: a literature review", identifies a gap in the research on pain from a Kaupapa Māori (Māori theory) approach. Marama Muru-Lanning introduces the current actors and protagonists in the story of Waikato Māori's on-going negotiation processes around the Waikato River and illustrates how power relations and social tensions within and between different stakeholders of the Waikato River are symbolically played out. Finally, Galumalemana A. Hunkin writes on the state of the Samoan language in New Zealand.

The international contributions cover topics such as Hawaiian Kanaka Maoli approaches to moʻokūʻauhau (genealogy) as methodology; the complexity of indigenous knowledge in Botswana; a comparative analysis between Marxist theory and the Huron Nation's political system; as well as an examination of the question of what it takes to be a "real" Indian.

This issue also features four book reviews, two of which have a New Zealand focus: Wally Penetito reviews Mason Durie's book *Ngā Tini Whetū* – *Navigating Māori Futures* and Michaela Moura-Koçuğlu's book *Narrating Indigenous Modernities: Transcultural Dimensions in Contemporary Māori Literature* is reviewed by Chris Prentice.

*AlterNative* is a peer-reviewed interdisciplinary journal that aims to present indigenous worldviews from native indigenous perspectives. *AlterNative* welcomes articles for inclusion in general issues throughout the year. Visit **www.alternative.ac.nz** or email **editors@alternative.ac.nz** 

# NGĀ PAE O TE MĀRAMATANGA RESEARCH PROJECT

# Exploring a Māori classificatory system of flora and fauna within Tainui waka

For many years, the knowledge of indigenous peoples has been the preserve of Western anthropologists and ethnographers. Like other indigenous people, Māori are concerned with the ongoing neglect, misuse and erosion of traditional ecological knowledge. This is further compounded by the loss of key knowledge holders over the years and their scarcity today.

The aim of this research project is to explore and record traditional classification systems of naming flora and fauna within the Tainui waka. It also aims to investigate the relationship between indigenous taxonomy systems of Tainui and the current Linnaean classification system of the naming of flora and flora.

This research project started in 2010, however Tom became involved in this area when NIWA approached him in 2005 for guidance and his interest grew from there. Tom and the project team are running a series of focus groups and individual interviews with key people, including stakeholders with a scientific background, kaumātua from Tainui and kaumātua involved in environmental issues, to gather knowledge about naming.



To help explain the aims and recruit for the interviews, they created a three-fold card about the project to give people at events and meetings, which Tom says has been a success with good feedback and recognition of the project.

He says the research to date has highlighted a key issue about naming. "A thing can't be given any old name – a name has mana, and

Principal Investigator Tom Roa

mana should guide the name and there should be a meaning behind it which should relate to its appearance, behaviour, whakapapa or use. Each and every thing has mana."

This year the project team is carrying out further interviews, and will test methodology and write up their findings. For more information, visit **www.heherengakorero.co.nz** 

# MĀORI ACADEMIC EXCELLENCE AWARDS

Ngā Pae o te Māramatanga (NPM) was delighted to support the Te Amorangi National Māori Academic Excellence Awards at the end of March. The 10th annual awards were hosted by the University of Waikato, with 39 awards given out to graduates from New Zealand universities and overseas. The awards recognise Māori PhD graduates who have had their doctorates conferred in the last calendar year.

NPM was a sponsor and Senior Research Fellow Dr Joe Te Rito presented awards to Dr Wendy Gillespie, Dr Hauiti Hakopa, Dr Tessa Houghton, Dr Peti Kenrick, Dr Shiloh Groot, Dr Te Kawehau Hoskins and Dr Laura Howard at the evening held at WINTEC's The Atrium.



NPM's Executive Director Daniel Patrick (left) and Senior Research Fellow Dr Joe Te Rito (right) with Provost of Te Wānanga o Awanuiārangi Richard Jefferies (centre)

# NGĀ PAE O TE MĀRAMATANGA RESEARCH PROJECT Tetrodotoxin in Kaimoana: Science and Mātauranga Mitigating Health Risks from a Lethal Neurotoxin

The Hauraki Māori Trust Board and the Cawthron Institute are collaborating in this research project which stems from a spate of dog deaths on the beaches of Tīkapa Moana (the Hauraki Gulf) in August 2009. The dogs died from the poison tetrodotoxin (TTX) and this poison was present in sea slugs that had washed up on beaches. It became apparent research was needed to determine the poisoning risk associated with kaimoana from Tīkapa Moana.

The first step in this process was the Trust Board investigating historical reports, recordings of kaumātua, and current knowledge around toxic events in Tīkapa Moana. The conclusion was the poisoning events in August 2009 appear to be a new phenomenon – there was no historic record of this happening previously. The research team, led by Principal Investigator Dr Shaun Ogilvie, is taking monthly samples of kaimoana species to monitor TTX risk. Samples are tested for TTX presence in the Cawthron laboratories in Nelson, with more than 200 samples tested to date. Preliminary screening has shown that TTX could be present in a few samples at very low concentrations. The team undertakes detailed analysis of these samples to confirm whether TTX is actually present, and if so, at what exact concentration.

The next step is the development of a mitigation framework to allow local marae to manage any potential risks associated with TTX and kaimoana in TTkapa Moana.



# **NEWS IN BRIEF**

## **Fulbright-NPM deadlines**

Several deadlines are coming up for Fulbright-NPM awards. Applications close for the Fulbright-NPM Scholar Award and July round of the Fulbright-NPM Travel Award in Indigenous Development on 2nd July. The Scholar Award is for a New Zealand academic, artist or professional to lecture and/or conduct research at a US institution in the field of indigenous development. The Travel Award enables a New Zealand academic, artist or professional to visit the US for 12 to 90 days to present their work on a theme of indigenous development. The Fulbright-NPM Graduate Award closes on 1st August and this is for a promising New Zealand graduate student to undertake postgraduate study or research at a US institution in indigenous development.

#### NPM summer internships

NPM will once again offer summer student internships, running from mid-December 2012 through to the end of February 2013. If you are a senior researcher on an existing research project aligned to the research plan of NPM and wish to propose an internship project, please complete the online form by 4.00pm, Friday 6th July. After a process of selection, the 10 most suitable proposals submitted by senior researchers will be advertised for students to apply.

To apply for any of the above, visit www.maramatanga.ac.nz/research/ grants\_and\_awards

#### **Annual report**

Our Annual Report for 2011 is now available. It details the range of excellent research we carried out last year; the emerging scholars we supported; the events held; and how we disseminated research and fostered indigenous development internationally. To download the report for free visit www.maramatanga. ac.nz/about/annual-reports



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