

# PANIA TE MARO

Ngāti Porou, Te Whānau a Pokai

## CURRENT POSITION

Senior Lecturer/Researcher

## EDUCATIONAL QUALIFICATIONS

2013	Postgrad Dip Prof. Development	Victoria University of Wellington
2003	B Teach & Learn	Christchurch College of Education
1996	Postgrad Dip Bilingual Teaching	Ako Pai
1992	Dip Tchg	Ako Pai

## TEACHING EMPLOYMENT HISTORY

2012-14	Senior Lecturer, Te Whare Wānanga o Awanuiārangi
2008-12	Head of School, Te Kura Māori, School of Māori, Pacific, and Indigenous Educational Research
2005-07	Lecturer/Adviser, Victoria University of Wellington, Faculty of Education
2003-04	Teaching principal, Te Kura ā-Iwi o Whakatupuranga Rua Mano, years 1-13
2002-02	Lecturer/Adviser, math, te reo me ōna tikanga, Wellington College of Education
2000-01	Teacher, Whakatupuranga Rua Mano – Kura-a-iwi, Years 1-8,
1999-99	Kohanga Kaiako – Tararua ki Paraparaumu
1997-98	Teacher, Rūmaki Unit, Years 7-11, Otaki College
1993-95	Teacher, Total Immersion Unit, Years 1-5, Te Awhinanui, Maraeroa School.
1992-92	Teacher, Wilton Bilingual Year 1

## RESEARCH INTERESTS

My research is primarily focused on:

- Māori medium education, pedagogy, contexts, curriculum and assessment.
- Success as Māori for Māori students in mainstream.
- Social justice for Māori through mathematics/pāngarau teaching and learning – reading the word and the world through pāngarau.

Current projects involve:

- PhD Thesis: “Māori Engagement with Pānga Rau: Multiple Mathematical Relationships and te Ao Māori.”
- Associate director (Māori) the National Centre of Literacy & Numeracy for Adults - Collaboration with te Whare Wānanga o Awanuiārangi and Waikato University.
- Developing a Masters of teaching for secondary/wharekura teachers and teacher trainees.
- Evaluative research project for Te Pūtea Whakatupu Trust that I was approached to do. The project evaluates the value of the Kip McGrath/Te Kete Aronui program that has been developed over the last three years.
- Co-researcher for the Hei Manaaki research project commissioned by the Ministry of Education that looks at success models for the achievement of adult Māori students in literacy and numeracy.
- Continued professional development for teachers at any levels for numeracy and mathematics.

I am also interested in and have been involved in:

- Leadership and management in Māori medium teaching and learning as part of the advisory group for the Ministry of Education for Kura leadership document Tū Rangatira.
- Culturally responsive teaching and learning, particularly for Māori children in mainstream schools.
- Researching the success of Māori children in Mainstream schools in Numeracy

- Researching and evaluating three years of a pilot program for Te Poutama Tau for Wharekura/secondary teachers in Māori medium schools.
- I was a Poutama Tau facilitator for the Wellington region Kura. I was a member of the rōpū whāiti for the national Poutama Tau facilitators, one of the team who wrote the marau pāngarau, and one of the advisory team who wrote Ngā whanaketanga.
- Evaluation of three reader series in Māori Medium Education for the Ministry of Education.
- Three years of evaluating the wharekura Te Poutama Tau national project.
- Two journal articles and three papers accepted at AERA over three years about equity for pāngarau in wharekura, a bicultural framework for teaching and learning and facilitation in professional development for kaiako, and leadership in pāngarau in Kura.
- Book chapters in a primary and a secondary maths text – culturally responsive teaching and learning in mainstream mathematics classrooms.
- Chapter in a book about diversity – students transitioning from kura to mainstream in year 9 and the language barriers that they face.
- Monitoring and moderating programs in another university and two wānanga for NZQA and the Teacher's Council.
- I have recently completed a report for the Ministry of Education narrating the development of an Aromatawai Criteria Framework for Kura.

### **A Short Selection of Publications (since 2008)**

#### **Conference Papers/Presentations**

- Averill, R., Anderson, D., Te Maro, P., Taiwhati, M., & Higgins, J., (2009). Culturally Responsive Teaching: A Bicultural Framework. Presentation at AERA, San Diego, April.
- Te Maro, P., Averill, R., & Higgins, J. (2008). Evaluation of support for pāngarau teachers working in wharekura. Presentation at Numeracy National Reference Group Hui, Wellington, March.
- Te Maro, P., Higgins, J., & Averill, R. (2008). *Creating strong achievement gains for Māori children in mathematics English-medium classrooms*. Presentation at Numeracy National Reference Group Hui, Wellington, March.
- Te Maro, P., Averill, R., & Higgins, J. (2008). *Evaluation of support for pāngarau teachers working in wharekura*. Presentation at National Numeracy Conference: Discussing Numeracy: Talking Mathematics, Auckland, February.
- Te Maro, P., Higgins, J., & Averill, R. (2008). *Creating strong achievement gains for Māori children in mathematics English-medium classrooms*. Presentation at National Numeracy Conference: Discussing Numeracy: Talking Mathematics, Auckland, February.

#### **Articles/Book Chapters**

- Hubbard, G., Te Maro, P., Craig, J., Grundy, J., Robyns, R., (2010) 'Language diversity and equity in New Zealand schools: 'I make more sense in Māori'', in Delving into diversity: an international exploration of issues of diversity in education, edited by Vanessa Green & Sue Cherrington (New York, Nova Science), pp. 175-184.
- Te Maro, P., Averill, R., & Higgins, J. (2007). Evaluation of support for pāngarau teachers working in wharekura. In *Findings from the New Zealand Secondary Numeracy Project 2007*. Wellington: Ministry of Education.
- Te Maro, P., Higgins, J., & Averill, R. (2008). Creating strong achievement gains for Māori. In *Findings from the New Zealand Numeracy Development Projects 2007*. Wellington: Ministry of Education.
- Averill, R., Anderson, D., Easton, H., Te Maro, P., Smith, D., & Hynds, A. (2009). Culturally Responsive Teaching of Mathematics: Three Models from Linked Studies. In *Journal for Research in Mathematics Education, March, Vol. 40, Number 2*. USA. (pp 157 – 186).
- Averill, R., Te Maro, P., Taiwhati, M., Anderson, D. (2009). Culturally responsive mathematics teaching: A bicultural model. In Averill, R., & Harvery, R. (Eds) *Teaching Secondary School Mathematics and Statistics: Evidence-based practice*. Vol. 2, (pp 27 – 46)