



RESEARCH & ACADEMIC OUTPUTS 2010

Open Polytechnic
KURATINI TUWHERA



UNDERPINNING OUR TEACHING & LEARNING

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Mark Nichols
Executive Director,
Faculty

WELCOME

It gives me great pleasure to present the research activities of staff at the Open Polytechnic for 2010. Once again the diversity and richness of the outputs demonstrates an extensive expertise across various academic fields, and a furthering of specialised work in the areas of open and distance learning (ODL) and e-learning. Our research activities are significant both at national and international levels, within fairly narrow areas of specialisation as well as across areas of broad interest. This dual emphasis reflects the significant and pioneering subject-expertise of our team, and our status as New Zealand's leading ODL provider.

We celebrate the 2010 outcomes of our emerging and seasoned researchers, and I trust that you will discover enticing work within this report that intersects with your interests. I encourage you to make contact with any whose academic research, industry-recognised achievements, or professional representation might be of benefit to your own research work.

With best regards,
Mark Nichols

SCHOOL OF BUSINESS



Jane Needham
Dean, School of Business

The School of Business continues to make a significant contribution to New Zealand's applied business research. Research is focussed on supporting the majors in the Bachelor of Business, specifically: accounting, human resources and management. Research in the areas of business ethics and business law also underpins the teaching of these core subjects.

Significant research outputs included books, refereed journal articles, international refereed conference papers published in proceedings, as well as outputs in a number of other categories.

Dr Robert Shaw, Senior Lecturer in Management, completed his PhD at Auckland University in 2010. Robert's research interests have been focussed around the philosophy of education and his thesis examined truth and physics education from a Heideggerian perspective.

Josephine Bourke, Lecturer in Professional Studies was awarded a Masters in Business Studies from Massey University. As part of her study, Josephine conducted a research investigation into the effect that elder care has on the work-life balance of self-employed women. The research generated discussion on National radio and forms the basis for ongoing studies in this area.

Dr Jonathan Barrett, Lecturer in Law, was awarded the best peer-reviewed paper at the annual New Zealand Applied Business Education Conference for the third consecutive year.

Business School staff continue to use their expertise to author much-needed New Zealand-based textbooks. John Veal, Principal Lecturer in the Accounting Centre, co-authored the Staples Tax Guide 2010 as well as a mid-year supplement. Dr Jonathan Barrett authored three case studies for a book of New Zealand case studies

published by Nelson Marlborough Institute of Technology. Ruth McIntosh of the Accounting Centre authored the third edition of her textbook, Accounting Practices: The New Zealand Context.

In 2010, the Business School had the highest number of refereed journal articles ever achieved as well as a pleasing number of international conference publications and presentations. Dr Vasanthi Peter reviewed a number of papers for the 2010 Australian and New Zealand Academy of Management Conference.

Staff from the School of Business also undertook many academic and scholarly activities and served in a range of official roles. In 2010, Sue Matehaere-Patten, Real Estate Programme Leader, was appointed to the newly established Real Estate Agents Authority (REAA) Complaints Assessment Committee (CAC). Sue chairs a standing CAC committee and acts as a deputy chair and panel member on others. Sue was also on the judging panel for the Real Estate Institute of New Zealand (REINZ) Awards for excellence for real estate licensees.



NAZIR
AWAN



My current research focus is on governance, accounting and accountability in social enterprises. 

P rincipal Lecturer in Accounting Nazir Awan began his teaching career with the Open Polytechnic in 2004 after an extensive time living and working abroad in the United Kingdom and Canada.

'I hail from Kenya originally, but I spent a good part of my life overseas before arriving in New Zealand.'

Prior to joining the Open Polytechnic, Nazir held senior financial management roles in the corporate sector, working at New Zealand Post and Telecom, as well as a short stint at Westpac. While overseas, he worked in consulting and technology (Australia), banking (Canada) and the steel industry (UK).

'I was the Chief Financial Officer of New Zealand Post for several years. In that capacity, I was appointed to the various boards of subsidiaries and associate companies in New Zealand, Australia and Malta. These board positions were in diverse companies including technology, logistics, air-works, and the postal business.

'It was during that time that I got very interested in governance and accountability because it is so fundamental to all aspects of our civil society.

'My current research focus is on governance, accounting and accountability in social enterprises. I define social enterprises as being essentially social mission organisations that sustain their businesses, either fully or partially, by adopting commercial approaches to earn income. This is an interesting area of study given that these types of organisations have to balance the tension between the delivering of their respective social missions and making money to sustain those social missions.'

At the Open Polytechnic, Nazir was able to continue his involvement in governance when he was elected in 2006 as the academic staff representative on the Open

Polytechnic Council. While on the Council, he was also appointed to its Finance and Risk Committee. Nazir served on the Council for four years.

'My first step beyond teaching to "other academic" outputs was when I was approached by a couple of colleagues here to join them in co-authoring new editions of two financial accounting textbooks. I enjoyed that work and continue to do so now.

'I became interested in the civil society-based organisations simply because they play such a vital part in our society, and besides it was a welcome change from years of involvement with for-profit organisations.'

Nazir has presented his research findings at numerous national and international venues and conferences including the Accounting and Finance Association of Australia and New Zealand (AFAANZ), Australia and New Zealand Third Sector Research (ANZTSR), New Zealand Management Accounting (NZMA) and Association of Non-Government Organisations of Aotearoa (ANGOA). He has also collaborated with other colleagues at the Open Polytechnic on joint papers that have resulted in presentations at conferences in Australia and India.


Nazir has a Master of Science (Accounting), is registered as a Chartered Accountant (New Zealand) and a Certified Management Accountant (Canada), and is a Fellow of the Chartered Association of Certified Accountants (United Kingdom).

Nazir currently teaches Advanced Management Accounting at the Open Polytechnic and will soon also start teaching Accounting Theory. Nazir previously taught Financial Accounting at both degree and diploma level.



VASANTHI
PETER



I draw on my research findings as an integral part of teaching the Strategic Management course. 

Open Polytechnic Discipline Leader in Management Dr Vasanthi Peter says she is privileged to have worked in a variety of academic and research cultures.

'Before joining the Open Polytechnic, I worked as research manager for the Faculty of Business and Information Technology at Whitirea Community Polytechnic. Prior to coming to New Zealand, I worked for the Business School at Curtin University of Technology in Perth for eight years where I also completed my PhD.'

Awarded the Curtin University Postgraduate Scholarship for a Doctoral Program in 1998, Vasanthi went on to receive two 'A' grades for her PhD thesis in 2000.

'My thesis investigated the importance of managing public finance, which included managing business based on the public finance policies of Asia-Pacific countries.'

Vasanthi has varied research interests, including taxonomy, learning organisations, managing strategic change in a chaotic environment, risk management and strategic modelling.

Vasanthi has presented her research at a host of international conferences, with some of her presentations published in academic journals.

As well as undertaking academic research, Vasanthi has written two reports commissioned by the Australian Housing and Urban Research Institute and the Department of Foreign Affairs and Trade, Australia.

Vasanthi also acts as a paper reviewer for the Australian New Zealand Academy of Management (ANZAM) conference, and in 2010 she reviewed six strategic management academic papers.

In total, Vasanthi has published 11 refereed journal articles, four refereed chapters in books, presented 17 international refereed conference papers, 25 seminar papers and four working papers.

Vasanthi's research was also recognised at the 2009 ANZAM conference where her paper (co-authored with Alan Coetzer and Raja Peter) '*Continuous learning and employee learning processes: The case of New Zealand small manufacturing firms*', won best paper award in the Management Education Stream.

Vasanthi is currently the New Zealand Regional Conference Coordinator for the 12th International Conference of the Society for Global Business and Economic Development, organised by Montclair State University (United States), Curtin University of Technology (Perth) and Singapore Management University. The conference will be held in Singapore, mid-2011.

Joining the Open Polytechnic School of Business in 2008 as a lecturer in management, Vasanthi is now the leader for the Open Polytechnic's Graduate Diploma in Strategic Management.

'I draw on my research findings as an integral part of teaching the Strategic Management course.'

SCHOOL OF INFORMATION AND SOCIAL SCIENCES

The School of Information and Social Sciences had a positive year for research, exceeding key performance indicators in terms of external research income and refereed research outputs. The six degree majors all contributed to the breadth and depth of research that underpins degree teaching and extended the School's capability in strategic research focus areas such as: teaching and learning, open and distance learning, Māori and Pasifika, and vocational and applied research.

Notable successes in external research grants included the Ako Aotearoa funded project on building kaupapa Māori into early childhood education, by Mary-Liz Broadley (Education Studies) and Keri Lawson Te Aho (Psychology); and the continuation of Liz Everiss (Education Studies) and Dr Margaret Brennan's (Education Studies) research into field-based early childhood education, sponsored by the Teaching and Learning Research Initiative, Ministry of Education.

Research projects completed in 2010 included an Ako Aotearoa Good Practice Publications Grant Scheme that supported Dr Peter Howland (Social Sciences), together with Dylan Taylor (Victoria University), to produce a documentary video and article on the development of team-based, creative learning and its success in improving student retention and success.

New funding included Ako Aotearoa assistance for Associate Professor Zlatko Kovacic (Maths and Statistics) and John Green (Information Systems and Technology) to investigate early identification of 'at risk' students. Dr Belinda Boyd-Wilson (Psychology) received support from the Open Polytechnic's Research Growth Fund for the development and testing of a Self-Realization Scale. The Fund also supported Dr Heather Peters (Psychology) for her research, in collaboration with Victoria University of Wellington, into gambling and stimulus control, and an animal model of gambling. Dr Aaron Jarden (Psychology) received assistance from the Fund for his

wellbeing research, and the development of the International Journal of Wellbeing, in conjunction with colleagues at Victoria University of Wellington and Nanyang University of Technology, Singapore. This web-based journal is hosted by the Open Polytechnic computer servers. The journal also received an external grant from the Vic Davis Memorial Trust to assist with proofreading and copy-editing.

Faculty from the Centre for Social Sciences made a notable contribution to the School's research profile. Dr Samantha Lentle-Keenan (Communication) published her social history, *Star Boating Club: A Wellington Story*, drawing on Alexander Turnbull Library archives from 1866 to document the Club's origins in elite society and its gradual transformation to a community facility. Associate Professor Gary Mersham, co-authored a book chapter entitled, 'The New Media, Cultural Transformation, Tourism and Orientation' in *Media Critics: Broken Frames 2: Intercultural Communication, Multiculturalism*; 'Social media and public information management: The September 2009 tsunami threat to New Zealand' in *Media International Australia*; and celebrated the ninth edition of his co-edited book *The Handbook of Public Relations*. Gary also collaborated with Sandra Maathuis-Smith (Information and Library Studies) to produce an Open Polytechnic occasional paper entitled 'Introducing Augmented Reality imaging into paper-based learning materials for engineering trade students'.

Dr Luke Strongman (Humanities) published a book entitled 'The Humanities: Essays from an Antipodean Perspective', as well as several articles including 'Vitruvian Man and the Physics of Sensory Perception' in the *International Journal of Arts and Sciences* and 'Featherstone's Crusoe: A female caucasian castaway in eighteenth century Aotearoa' in the *International Journal of Interdisciplinary Social Sciences*. Luke also collaborated with Dr Jonathan Barrett (Business) to write 'Time capsule: Exploration of concepts of law and time in colonial New Zealand' published in *Portal: Journal of Multidisciplinary International Studies*; and with Dr Polly Kobeleva (Communication) he published an Open Polytechnic occasional paper entitled 'Mentoring: The socialisation of learning'.

In addition, Polly Kobeleva, Samantha Lentle-Keenan and Luke Strongman, led by Pip Fowler (Communication), and in collaboration with Victoria University of Wellington faculty, organised the successful Tertiary Writing Network 2010 Colloquium held in Wellington in December.

The Social Sciences team celebrated Paula Pereda's submission of her PhD. Also from the Social Sciences team, Dr Peter Howland (Centre Manager) published 'Self-gifting and the metro-rural idyll: an illusio of ideal reflexive individualism' in the *New Zealand Journal of Sociology*.

Research highlights for the Psychology team included the following:

- Keri Lawson-Te Aho's literature review, 'Defining whānau', published by the Families Commission as background support for its current Whānau Strategic Framework
- Dr Natilene Bowker's 'Understanding barriers to online experience for people with physical and sensory disabilities using discursive social psychology' for the journal *Universal Access in the Information Society*
- Dr Heather Peters' co-authored paper 'An animal model of slot machine gambling: The effect of structural characteristics on response latency and persistence' in the *Journal of Gambling Studies* and 'Probabilistic discounting with differing levels of background income' in the Proceedings of the Annual Convention of the Association for Behavior Analysis, held in Texas, United States
- Dr Heather Peters and Dr Nancy Weaver's 'Rate the New Zealand birds: Applying best practice pedagogy to online activity', that was included in the Proceedings of the 2009 Teaching & Learning Meets E-fest Conference held in Palmerston North
- Dr Aaron Jarden's presentation of his Wellbeing research at the 2nd Australian Positive Psychology and Well-Being Conference in Melbourne
- Dr John Bathurst's presentation of a paper on organisational culture to the 27th International Congress for Applied Psychology in Melbourne
- Dr Kennedy McLachlan's presentation of a poster on the 'Quality of life in end-stage renal disease' at the Annual American Endocrinology Conference held in Seattle, United States.

Members from the Information Science Centre also contributed to a successful year:

- Associate Professor Zlatko Kovacic (Maths and Statistics) collaborated in a number of co-authored papers including 'A knowledge-based hybrid model for improving manufacturing systems in rolling mills' in *Key Engineering Materials*; 'Automatic grader of advanced office skills' in the Proceedings of the International Technology, Education and Development Conference held in Spain; and 'Automated assessment of advanced office skills' published in the Proceedings of the 2010 DEANZ Conference held in Wellington. Zlatko also had his article 'Early prediction of student success: Mining students enrolment data' published in the Proceedings of the Informing Science + Information Technology Education Joint Conference held in Italy.

Dr Raymond Young
Dean, School of Information
and Social Sciences



- Amanda Cossham (Information and Library Studies) had a co-authored article entitled 'Mandatory CPD and professional re-validation schemes and their role in motivating and re-energising information professionals: The UK and New Zealand experiences' published in the Proceedings of the World Library and Information Congress held in Sweden.
- Puvana Natanasabapathy (Information Systems and Technology) had her paper 'Governance and Sustainability: Do we need new knowledge?' included in the Proceedings of the Global Learn Asia Pacific Conference held in Penang, Malaysia.


The Early Childhood Education team was buoyed by the research efforts of its dedicated team. Dr Margaret Brennan wrote 'Caring for infants' which was published in the edited book *Human development. Family, place and culture*, and co-authored an article entitled 'Progress not perfection: The art of reflective practice' that was included in the book *Āta Kitea Te Pae – Scanning the Horizon: Perspectives on early childhood education*. Liz Everiss (Centre Manager) wrote 'Transitions and home-based care: A literature review' published in *Dispensing waves: Innovation in early childhood education*. Judy Hamer published 'Should critical literacy be a part of early childhood education in New Zealand?' in the journal *He Kupu*; and Sonia Rosewarne co-authored 'Children experiencing poverty: Opportunities and challenges for New Zealand early childhood educators' in the edited book *Delving into Diversity: An international exploration of issues of diversity in education*, and also 'Exploring transition through collective biographical memory work: considerations for parents and teachers in early childhood education' featured in the *Australian Journal of Early Childhood*.

This report also warmly acknowledges the leadership of the School's Dean, Dr Raymond Young, who co-authored the School's Research Plan, chaired the Faculty Research Strategy Steering Group and the Open Polytechnic Research Committee and Dr Luke Strongman who chaired the School's Research Steering group and maintained the School's research communications.



HEATHER PETERS



By analysing choice behaviour at the most basic level I hope to learn how to use what we know about behaviour to help people make better choices. 

With expertise in the experimental analysis of behaviour, Dr Heather Peters is interested in how the environment and our experiences influence our choices.

Senior Lecturer in Psychology at the Open Polytechnic, Heather moved to New Zealand in 1998.

'My family and I originally moved to Wellington with the intention of only staying for three years but decided to settle permanently instead.'

Building on her Bachelor of Arts with a double major in Psychology and English from Dalhousie University in Nova Scotia, Heather enrolled in the Psychology Honours programme at Victoria University in Wellington.

'It was there I developed a new experimental procedure for studying factors that influence choice behaviour. That project grew into my PhD research and I used my model to study how consuming alcohol changes self-control.'

In addition to teaching at the Open Polytechnic, Heather works with colleagues at Victoria University of Wellington where she also advises Honours, Masters and PhD students. Some of her current research focuses on what role slot-machine design plays in problem gambling; assessing whether the responses people make in their questionnaires are predictive of their actual behaviour; and finding out why making a reward probabilistic or delayed might change how much people value rewards.

'By analysing choice behaviour at the most basic level I hope to learn how to use what we know about behaviour to help people make better choices.'

Passionate about teaching, Heather's research also looks at how the internet and e-learning can be used to help students succeed while studying.

'I'm especially interested in looking at how growing online communities can bring students together so they can support and encourage one another. My belief is that the internet provides an opportunity to better reach students who live throughout New Zealand, and overseas, in order to bring them closer together and to enhance learning by quickly identifying and addressing common areas of concern.

'I want to foster and encourage students' interest in science and technology as early as possible.'

To help reach out to the community, Heather is currently a consultant for two high school students who are completing a project for CREST – an international reward scheme for students in Years 0–13 who are completing innovative research projects.

'Their particular research project, *Distractions amongst teenage drivers*, addresses an issue that is of great concern for New Zealanders and I hope they will continue to pursue scientific study after they leave high school.'

Heather's eclectic research interests have also seen her contributing to recent national and international reviews of applied behaviour analysis research and treatment success for people with autism.



SONJA
ROSEWARNE



I am a strong believer that we can
achieve much more together than
we can alone. 🌀

An emerging researcher, Sonja Rosewarne believes collaboration is the key to building research capacity.

'I am a strong believer that we can achieve much more together, than we can alone. The best way to learn is by doing. It does take courage to start, but once started, the work provides the motivation and momentum to continue.'

Regional Lecturer and Programme Leader in Early Childhood Education certificate programmes, Sonja has been involved in two significant collaborative research projects recently, including the *Diversity of Diversity* project.

'The *Diversity of Diversity* project is a collaborative research initiative which began in 2008 and involves eight early childhood academics within the Education Faculty of Victoria University of Wellington.'

Sonja was joint leader of the project and has continued her involvement following her move to the Open Polytechnic in 2010. The focus of the project is on investigating the extent and impact of diversity in New Zealand early childhood services through the use of survey and case study data. The survey provided insight into teachers' experiences and perceptions of diversity, and the case studies provided insight into how teachers were responding to this diversity.

'Within the project, a particular interest for me was in teachers' experiences, beliefs and practices in working with children and families experiencing poverty. I co-authored a chapter on the opportunities and challenges this presents for New Zealand early childhood educators.

'Essentially, poverty and financial hardship are more than just the amount of money going into households. They are also about the lack of emotional, mental, spiritual and physical resources which, when wanting, compound poverty.'

Sonja has also worked with a team of early childhood educators to explore transition through collective biographical memory work as a way to deepen her understandings of transition in early childhood education. Through the analysis of a collective group of memories across the life span, the researchers reconceptualised transition as a highly complex process of shifting identities characterised by uncertainty/certainty, powerlessness/powerfulness and loss/gain.

'This challenges the more traditional view as a societal ritual or rite of passage represented by a series of milestones to be achieved or ticked off.

'Any moment may constitute a transition, as one person cannot pinpoint what may be significant for another.'

Sonja's current research is on teachers' expression of success and challenge in responding to diversity.

SCHOOL OF WORKPLACE LEARNING



Robbie Sutherland
Dean, School of
Workplace Learning

Discipline-specific research to underpin degree provision, and research into Open and Distance Learning (ODL), were the two major areas of focus for the School of Workplace Learning's research activities.

The international standing of Associate Professor Dr Gregory De Costa resulted in the Open Polytechnic co-organising, with Auckland University, the 17th Congress of the International Association for Hydraulic Research – Asia Pacific Division held in Auckland in February. This was the first time this major conference has been held in New Zealand and there were 200 presentations from water experts from 35 different countries. As well as presenting, Gregory was the primary author of three papers published in the conference proceedings. In 2010, Gregory also prepared two research reports for international agencies, published a refereed journal article, and his research into water quality and management attracted further external funding from Asia Pacific Network.

Plant and Food Research continued to fund Mike Burtenshaw's research into kūmara and aruhe (bracken fern rhizome) production. As part of the School's increasing emphasis on ODL-related research, Dr Rick Fisher and George Chipindiku published a paper outlining the experiences of lecturers undertaking formal education in designing and facilitating e-learning.

The international relevance of our research initiatives was further underlined by Mike Burtenshaw's presentation in Mexico about traditional Māori horticultural practices and Ioan Tuleasca presenting papers relating to electrical engineering and magnetic energy storage at conferences in Romania.

THE LEARNING CENTRE – TE WĀHANGA WAKAPAKARI AKO

The Learning Centre was involved in several significant research projects during 2010.

Learning Centre Manager Catherine Ross and Caroline Rawlings, Kaiwahakahaere (Manager) for Te Kura Wānanga (Māori Office) in conjunction with Erima Henare, Executive Director Māori Tumu Herenga, secured significant funding for the *Ako tuākana-tēina: e-belonging* project, which involves construction and evaluation of a cyber whare for Māori distance students.

The Learning Centre team maintained their momentum in ODL research. Caroline Rawlings presented research to an international audience on creating a culturally relevant model of support for Māori learners, and Catherine Ross continued to publish in the area of student mentoring and engagement, including reports to the Teaching and Learning Research Initiative of New Zealand. Catherine also presented research into peer mentoring and support at a prestigious learning and teaching conference in Singapore.




Catherine Ross
Manager, Learning Centre



GREGORY DE COSTA



We have to manage water resources appropriately as climate change impact on water resources is inevitable. 

Open Polytechnic Associate Professor and Lecturer in Civil Engineering, Dr Gregory De Costa is interested in finding out how climate change is impacting on our water resources.

With a passion for water engineering, Gregory's interests are taking him far and wide with a lot of his time spent teaching, researching and presenting at conferences.

As a member of the executive council of the International Association for Hydraulic Research - Asia Pacific Division (IAHR-APD), Gregory and his colleagues hosted the first congress to be held in the Pacific in 2010.

'Over 260 engineers, scientists, policymakers and researchers in the field of water engineering from 40 countries participated at the congress, hosted by the Open Polytechnic and Auckland University.'

It was during this congress that Gregory presented one of his studies. 'I talked on the impact of changes in catchment characteristics on artesian water supply of the Waiwhetu aquifer in Lower Hutt, Wellington. The research paper is in the proceedings.'

In April 2010, Gregory was a resource person at an international workshop held at Kyoto University, Japan and presented his work on climate change and the effects on water resources.

Later in 2010, Gregory presented a paper on sustainably-built environments and global change and its effect on coastal water resources. Gregory also presented a paper on continuous monitoring of water discharge, temperature, and salinity in tidal spillways using fluvial acoustic tomography. This was published in the *Journal of Hydrology New Zealand*.

Currently, Gregory and his colleagues are preparing a report to be presented at the IAHR congress on state of the art methodologies and techniques to manage impacts on water resources subject to climate change. Gregory is also regularly called upon to review research papers before publication in the *Elsevier Journal of Hydrology*.

'We have to go with the flow, but manage it appropriately as climate change impact on water resources is inevitable. However, by implementing state of the art methodologies and techniques, their adverse impacts could be curtailed.'

Gregory also supervises a University of Southern Queensland masters' student who is conducting research on the groundwater quality changes in Hautere and the groundwater zone in Kapiti Coast, Wellington. Findings of this research will also be presented at the Congress.

A member of the Institute of Engineers New Zealand, a Chartered Professional Engineer, and an International Professional Engineer, Gregory holds a Bachelor of Civil Engineering, a Masters of Environmental Engineering, a PhD, and a Masters of Business Administration. He is currently the Major Leader for Civil Engineering in the Bachelor of Engineering Technology programme at the Open Polytechnic.



MIKE
MARFELL-JONES



There are many key elements to
successful research. ☞☞

An extensive background in tertiary teaching, academic administration and research led to Professor Mike Marfell-Jones's appointment as Research Manager at the Open Polytechnic in 2010, following 10 years as Professor of Health Sciences at UCOL, Palmerston North.

At the same time as fulfilling his primary role of facilitating and supporting other research staff at the Open Polytechnic, Mike is continuing his research into human morphology and motor performance. Currently, he is working with a Belgian colleague to develop an affordable alternative to the skinfold calliper for the in vivo measurement of subcutaneous adipose tissue.

An anthropometrist as well as a functional anatomist, Mike has conducted the majority of his research in conjunction with international colleagues in North America, Europe, South Africa, China and Korea as well as in Australia – both side-by-side and at a distance.

Overcoming language barriers is key in international research says Mike. 'Other than with native English speakers, international collaboration brings with it the added challenge of language differences, mainly on my part, in having very limited facility with any languages other than English, but also on overseas colleagues' parts when we need to publish in English – as we do the majority of the time these days.'

Two marks of Mike's success in such international collaboration have been his appointment at the Vrije Universiteit Brussel as Visiting Professor since 2005 and his recent award of a permanent Honorary Professorship at Spain's Universidad Católica San Antonio de Murcia.

'The language challenge aside, the key elements of almost all successful research are an adequate concentration on defining the research question, a logical plan of attack, a lot of hard work and, finally, critical analysis and interpretation of the findings. In other words, what was the issue, what was done to investigate it, what was found and what were the implications?'

Mike has an abiding interest in improving the teaching and learning process in his speciality field of anthropometry. As Secretary-General of the International Society for the Advancement of Kinanthropometry (ISAK), he is responsible for the ongoing development and monitoring of anthropometric teaching around the globe, based on ISAK's International Anthropometric Assessment Scheme which he authored.

One of only fifteen ISAK Criterion Anthropometrists worldwide, Mike says that when teaching practical measuring skills to non-English speakers (as he does more often than not), he is forced to concentrate far more on the key elements of a motor skill to be learnt by his students than when he and the students have the luxury of the spoken word to cover any inadequacies in his demonstrations.

Further, as he spends most of his teaching time 'training the trainers' (those who will subsequently teach and examine the bulk of ISAK anthropometrists in their own countries), Mike is convinced that the ability to adequately analyse and explicate the teaching and learning process is an essential skill for all those who educate teachers. 'Without that knowledge, and without the ability to pass it on to the next generation of teachers, any progress we make in this area will be due more to good fortune than good management.'

2010 RESEARCH AND ACADEMIC OUTPUTS

The initials after the research output headings indicate the applicable current PBRF reporting criteria:

- RO – research output
- PE – peer esteem
- CRE – contribution to research environment

Academic Research

1. Books and monographs (RO)

- Lentle-Keenan, S. (2010). *Star Boating Club: A Wellington story*. Wellington, New Zealand: Steele Roberts Publishing.
- McIntosh, R. K. (2010). *Accounting practices: The New Zealand context* (3rd ed.). North Shore, New Zealand: Pearson Education New Zealand.
- Skinner, C., von Essen, L., Mersham, G. M., & Motau, S. (2010). *The handbook of public relations* (9th ed.). Johannesburg, South Africa: Oxford University Press.
- Smart, M. J., Awan, N., & Baxter, R. T. (2010). *Principles of accounting* (4th ed.). North Shore, New Zealand: Pearson Education New Zealand.
- Strongman, L. (2010). *The Humanities: Essays from an antipodean perspective*. Saarbrücken, Germany: LAP Lambert Academic Publishing.
- Veal, J., Turner, T., & Macalister, C. (2010). *Staples tax guide 2010* (70th ed.). Wellington, New Zealand: Brookers.
- Veal, J., Turner, T., & Macalister, C. (2010). *Staples tax guide 2010 – Mid-year supplement*. Wellington, New Zealand: Brookers Ltd.

2. Book editorships (RO)

- Fragoso, I., de Ridder, H., Marfell-Jones, M., Stewart, A., Silva, J., Esparza-Ros, F. & Mevaloo, S. (Eds.). (2010). *Proceedings of the 11th International Society for the Advancement of Kinanthropometry conference, Estoril, Portugal*. Lisbon, Portugal: Universidade Técnica de Lisboa.

3. Chapters in books (RO)

- Anderson, R., Laurs, A., Robinson, C. L., & Rawnsley, S. (2010). Quality management system at the Open Polytechnic of New Zealand. In N. Padhi (Ed.), *Total quality management of distance education* (pp. 215–230). New Delhi, India: Atlantic Publishers & Distributors.
- Barrett, J. (2010). Intellectual property rights. In L. Liddicoat (Ed.), *Contemporary small business cases: Case studies with a New Zealand focus* (p. 147). Nelson, New Zealand: NMIT Press.
- Barrett, J. (2010). Legal issues at Sommerside Pottery. In L. Liddicoat (Ed.), *Contemporary small business cases: Case studies with a New Zealand focus* (pp. 28–29). Nelson, New Zealand: NMIT Press.
- Barrett, J. (2010). Simulating negotiation of a collective agreement. In L. Liddicoat (Ed.), *Contemporary small business cases: Case studies with a New Zealand focus* (pp. 125–126). Nelson, New Zealand: NMIT Press.
- Brennan, M. (2010). Caring for infants. In W. Drewery & L. Bird (Eds.), *Human development: Family, place and culture*. Sydney, Australia: The McGraw-Hill Companies.
- Broadley, M-L., & Fagan, T. (2010). Progress not perfection: The art of reflective practice. In *Āta kitea te pae – Scanning the horizon: perspectives on early childhood education* (pp.85–95). Auckland, New Zealand: Pearson.
- Everiss, L. (2010). Transitions and home-based care: A literature review. In A. Meade (Ed.), *Dispensing waves: Innovation in early childhood education*. Wellington: New Zealand Council for Educational Research.
- Nichols, M. (2010). A model for classroom and distance education. In B. Nicholls, T. Roco Lua & J. Belding (Eds.), *The church in a changing world* (pp.247–258). Hong Kong, China: Asia Theological Association.
- Rosewarne, S. J., & Shuker, M. (2010). Children experiencing poverty: Opportunities and challenges for New Zealand early childhood educators. In V. Green & S. Cherrington (Eds.), *Delving into diversity: An international exploration of issues of diversity in education* (pp. 209–219). New York: Nova Science.

- Stewart, A. D., Benson, P. J., Olds, T., Marfell-Jones, M. J., MacSween, A. and Nevill, A. M. (2010). Self selection of athletes into sports via skeletal ratios. In David C. Lieberman (Ed.), *Aerobic exercise and athletic performance: Types, duration and health benefits* (pp. 307–322). New York: Nova Science.
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- Barrett, J. (2010). Copyright and the sound bite society. *Queensland University of Technology Law and Justice Journal*, 10, 1–26.
- Barrett, J. (2010). Equity and GST policy. *Journal of Applied Law and Policy*, 4. Retrieved from http://www.business.curtin.edu.au/files/Ch_2_Equity_and_GST_policy_Barrett.pdf
- Barrett, J. (2010). Has the Statute of Frauds been rendered nugatory? *Web Journal of Current Legal Issues*. Retrieved from <http://webjcli.ncl.ac.uk/2010/issue4/barrett4.html>
- Barrett, J., & Strongman, L. (2010). Time capsule: Exploration of concepts of law and time in colonial New Zealand. *Portal: Journal of Multidisciplinary International Studies*, 7(1). Retrieved from <http://epress.lib.uts.edu.au/ojs/index.php/portal/article/viewArticle/1025%20ARTICLES>
- Bourke, J., Pajo, K., & Lewis, K. (2010). Elder care and work-life balance: Exploring the experiences of female small business owners. *New Zealand Journal of Employment Relations*, 35(1), 17–34.
- Bowker, N. (2010). Understanding barriers to online experience for people with physical and sensory disabilities using discursive social psychology. *Universal Access in the Information Society*, 9(2), 121–136.
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- Cordery, C., & Narraway, G. (2010). Valuing volunteers: Expanding the relevance and reliability debate. *Australian Accounting Review*, 20(4), 348–356.
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- Hamer, J. (2010). Should critical literacy be a part of early childhood education in New Zealand? *He Kupu*, 2(3), 16–27.
- Howland, P. (2010). Self-gifting and the metro-rural idyll: an illusion of ideal reflexive individualism. *New Zealand Sociology*, 25(1), 53–74.
- Huang, G. (2010). A conceptual analysis of taxation systems on highly virtual enterprises. *GSTF International Journal of Computing*, 1(1), 94–98.
- Karamat, P., & Wijesinghe, H. (2010, June–December). E-Learning is a subset of e-commerce. *International Journal of Global Management Studies Professionals*, 2, 51–60.
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- Mersham, G. M. (2010, November). Social media and public information management: The September 2009 tsunami threat to New Zealand. *Media International Australia*, 137, 130–143.

- Nichols, M. (2010). Student perceptions of support services and the influence of targeted interventions on their retention in distance education. *Distance Education*, 31(1), 93–113.
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- Sahrawat, K. (2010). Sustaining intellectual capital through meditation: Indian and platonic philosophies: A theoretical framework. *Journal of Banking, Information Technology and Management*, 7(1), 3–36.
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- Shaw, R. K. (2011). The nature of democratic decision-making and the democratic panacea [Special Issue: The Council of Europe's White Paper]. *Policy Futures in Education*, 9(1), 123–129.
- Strongman, L. (2009, December). The humanities and knowledge creation [Special issue: Proceedings of the 2009 AULLA Conference: The human and the humanities in literature, language and culture]. *AUMLA. Journal of the Australasian Universities Language and Literature Association*, 13–24.
- Strongman, L. (2010). Featherstone's Crusoe: A female caucasion castaway in eighteenth century Aotearoa. *International Journal of Interdisciplinary Social Sciences*, 5(3), 323–330.
- Strongman, L. (2010). Vitruvian Man and the Physics of Sensory Perception. *International Journal of Arts and Sciences*, 3(9), 218–226.
- 5. Commissioned reports for external bodies** ●
- Brown, C., Glaser, M., Maathuis-Smith, S., & Mersham, G. M. (2010). *Enhancing learning for engineering trade learners: Augmented paper-based materials in course design*. Wellington, New Zealand: Ako Aotearoa.
- De Costa, G. S. (2010). *Climate change and its impact on coastal water resources*. [Report to the International Association of Hydraulic Research.] Kyoto, Japan: Kyoto University.

- Ross, C. (2010). *Engaging distance students in learning: A case study*. Wellington, New Zealand: Teaching & Learning Research Initiative.
- Zepke, N., Leach, L., Anderson, H., Ayrton, A., Butler, P., Henderson, J., Hoffman, J., Isaacs, P., Moseley, J., Ross, C., Russell, B., Slater, G., Solomon, K., Wilson, S., & Wiseley, A. (2010). *Learning environments and student engagement with learning in tertiary settings: A summary*. Wellington, New Zealand: Teaching & Learning Research Initiative.

6. Open Polytechnic of New Zealand working/occasional papers (RO)

- Burtenshaw, M. K. (2010). *A Guide to Growing pre-European Māori Kūmara in the Traditional Manner* [Working paper no. 10-2]. Lower Hutt, New Zealand: The Open Polytechnic of New Zealand.
- Kobeleva, P., & Strongman, L. (2010). *Mentoring: The socialisation of learning*. Lower Hutt, New Zealand: The Open Polytechnic of New Zealand.
- Maathuis-Smith, S., & Mersham, G. M. (2010). *Introducing Augmented Reality imaging into paper-based learning materials for engineering trade students* [Working paper no. WP10-5]. Lower Hutt, New Zealand: The Open Polytechnic of New Zealand.
- Ross, C. (2010). *Engaging distance students in learning: What matters to students, what motivates them and how can engagement in learning be fostered?* [Working paper no. 10-3]. Lower Hutt, New Zealand: The Open Polytechnic of New Zealand.

7. International conference full academic papers published in proceedings (RO)

- Barrett, J. (2010, December). *Academic freedom and degree-conferring institutes of technology and polytechnics*. Paper presented at the 27th Annual Law and Society Association of Australia and New Zealand Conference, Wellington, New Zealand.
- Barrett, J., & Horsley, J. (2010, July). *Multiple alterities: Reflections on teaching law to non-vocational students in a cosmopolitan classroom*. Paper presented at the 65th Australasian Law Teachers Association Conference, Auckland, New Zealand.
- Barrett, J., & Jones, J. (2010, July). *Patriarchal sustainability and its critics*. Paper presented at the 65th Australasian Law Teachers Association Conference, Auckland, New Zealand.
- Barrett, J., & Narraway, G. (2010, November). *Accountability and drinking-water in rural New Zealand*. Paper presented at the 22nd Asian-Pacific Conference on International Accounting Issues, Gold Coast, Australia. Retrieved from <http://www.apconference.org/22cdweb/>

- Barrett, J., & Strongman, L. (2010, December). *The Internet, the law and privacy in New Zealand: Dignity with liberty?* Paper presented at the 27th Annual Law and Society Association of Australia and New Zealand Conference, Wellington, New Zealand.
- Bourke, J., Barrett, J., & Bourke, D. (2010, November). *Managing for inclusion: An ageing workforce and intergenerational employment relations.* Paper presented at the Pacific Employment Relations Association (PERA), Conference. Gold Coast, Australia.
- Bourke, J., & Bourke, D. (2010, November). *Older Workers and Technology: Learning opportunity or learning barrier* [Virtual presentation]. Paper presented at the ICERI 2010: International Conference of Education, Research and Innovation: Proceedings CD. Madrid, Spain.
- Broady-Preston, J., & Cossham, A. (2010, August). *Mandatory CPD and professional re-validation schemes and their role in motivating and re-energising information professionals: The UK and New Zealand experiences.* Paper presented at the World Library and Information Congress: 76th IFLA General Conference and Assembly, 'Open access to knowledge – promoting sustainable progress'. Gothenburg, Sweden. Available at <http://www.ifla.org/en/conferences-session-day/2010-08-14>
- Chang, A. L., & Awan, N. (2010, November). *The Impact of Corporate Governance Practices on Firm Financial Performance – Evidence from Malaysian Companies.* Paper presented at the 22nd Asian Pacific Conference on International Accounting Issues. Gold Coast, Australia. Retrieved from <http://www.apconference.org/22cdweb/>
- De Costa, G., & Gangodawila, D. (2010, February). *Impact of changes in catchment characteristics on artesian water supply of the Waiwhetu aquifer in Lower Hutt Wellington.* Paper presented at the 17th Congress of the International Association for Hydraulic Research – Asia Pacific Division.
- De Costa, G., & Wanigesekera, D. (2010, February). *A study on groundwater quality changes of the Hautere and coastal groundwater zone in Kapiti Coast, Wellington, New Zealand.* Paper presented at the 17th Congress of the International Association for Hydraulic Research – Asia Pacific Division.
- De Costa, G., Datta, B., Porter, M. (2010, December). *Global change and its effects on coastal water resources.* Paper presented at the Proceedings of the International Conference on Sustainable Built Environment, Enhancing Disaster Prevention and Migration (pp.43–51). Jogjakarta, Indonesia: ICSBE.
- Fisher, R., Halsey, G., & Cooper, K. (2010). *Agricultural water use in New Zealand: should more be done to balance private property rights with greater public interest in a scarce resource?* Paper presented at the 17th Congress of the International Association for Hydraulic Research – Asia Pacific Division.
- Huang, G. (2010, May). *Virtual enterprise accounting, a serious challenge to cloud technologies – taxation series: Taxing a highly virtualised enterprise in New Zealand.* Paper presented at the Global Science & Technology Forum.
- Kovacic, Z., & Green, J. (2010, March). *Automatic grader of advanced office skills.* Paper presented at the INTED2010: International Technology, Education and Development Conference, Valencia, Spain: Proceedings CD.
- Kovacic, Z. (2010, June). *Early prediction of student success: Mining students' enrolment data.* Paper presented at the Informing Science + Information Technology Education Joint Conference, Cassino, Italy. Available at <http://proceedings.informingscience.org/InSITE2010/InSITE10p647-665Kovacic873.pdf>
- Natanasabapathy, P. (2010, May). *Governance and sustainability: Do we need new knowledge?* In Z. W. Abas, I. Jung & J. Luca (Eds.), *Global Learn Asia Pacific 2010* (pp. 3724–3732). Chesapeake, VA: Association for the Advancement of Computing in Education.
- Tuleasca, I. (2010, October). *The New Zealand electricity sector.* Paper presented at the 3rd International Symposium on the History of Electrical Engineering and of Tertiary-Level Engineering Education, IEEI 2010, Iasi, Romania.
- Tuleasca, I., Kacprzak, D. (2010, October). *Inductive Power Transfer for a Magnetic Energy Storage System.* Paper presented at the 6th Conference on Electrical and Power Engineering, EPE2010, Iasi, Romania.

8. International conference abstract only — published in proceedings (RO)

- Bathurst, J. (2010, July). *Organisational culture: Pressure to conform or opportunity for personal growth?* Paper presented at the 27th International Congress for Applied Psychology, Melbourne, Australia.
- Burtenshaw, M. (2010, June). *Soil modification in pre-contact Māori kūmara gardening: Use of charcoal?* Paper presented at the 51st Annual Meeting of the Society for Economic Botany, Xalapa, Mexico.
- Awan, N. (2010, November). *Delivering fit-for-purpose governance & accountability: A social enterprise context – NZ.* Paper presented at the 10th Biennial Research Conference, Australia and New Zealand Third Sector Research (ANZTSR), Sydney, Australia.
- Chang, A., & Awan, N. (2010, November). *The impact of corporate governance practices on firm financial performance – evidence from Malaysian companies.* Paper presented at the 22nd Asian-Pacific Conference on International Accounting Issues, Gold Coast, Australia.
- Hunt, M., Wallace, B., Peters, H. L., & Harper, D. N. (2010). *Slot machine structural characteristics, the near win, and sensitivity to reinforcement.* Paper presented at the Annual Convention of the Association for Behaviour Analysis, San Antonio Texas, United States of America.
- Karamat, P., & Wijesinghe, H. (2010, February). *E-Learning security.* Paper presented at the 2010 International Conference of Association of Global Management Studies, Las Vegas, United States of America.
- Marfell-Jones, M.J. & Hume, P.A. (2010, November). *It does matter where you take the skinfolds.* Paper presented at the 11th International Society for the Advancement of Kinanthropometry Conference, Estoril, Portugal.
- Peters, H. L., Hunt, M., & Harper, D. N. (2010, May). *Probabilistic discounting with differing levels of background income.* Paper presented at the Annual Convention of the Association for Behavior Analysis, San Antonio Texas, United States of America.
- Rawlings, C. (2010, June). *Creating a culturally relevant model of support for Māori learners in the tertiary sector.* Paper presented at the 4th International Traditional Knowledge Conference, University of Auckland, New Zealand.
- Ross, C. (2010, June). *'I didn't feel so isolated': Crossing the boundaries of distance through peer mentoring and support.* Paper presented at the International Conference on Learning and Teaching, Temasek Polytechnic, Singapore.

9. International conference keynote presentations (not published) (CRE)

- Nichols, M. (2010, June). *Blended learning: The BEST we can do?* Presentation to the Blended Learning Conference, University of Queensland, Australia.

10. International conference presentations (not published) (CRE)

- Jarden, A. (2010, February). *21st century psychological research – The international wellbeing study.* Presentation to the 2nd Australian Positive Psychology and Well-Being Conference, Melbourne, Australia.
- Jarden, A. (2010, October). *Building positive psychology research projects.* Presentation to the Australian Psychological Society, Melbourne, Australia.
- Nichols, M. (2010, August). *Training the whole people of God through extension education and online learning.* Presentation to the Asia theological Association Conference and General Assembly, Hong Kong.
- Sahrawat, K. (2010, December). *Transforming minds for ethical leadership.* Presentation to the International Conference on Business Ethics and Human Values at Panjab University, Chandigarh, India.
- Seelig, C. (November, 2010). *Skills development.* Presentation to the 6th Pan-Commonwealth Forum on Open Learning, Kochi, India.

11. National conference full academic papers — published in proceedings (RO)

- Barrett, J. (2010, October). *The demographic shockwave: How business schools can engage with an aging population.* Paper presented at the New Zealand Applied Business Education Conference, Napier, New Zealand.
- Barrett, J., & Jones, J. (2010, October). *Looking into the abyss: Can business education help save the planet?* Paper presented at the New Zealand Applied Business Education Conference, Napier, New Zealand.
- Bourke, J., & Bourke, D. (2010, September). *Older workers and intergenerational workplaces: Implications for management educators.* Paper presented at the New Zealand Applied Business Education Conference, Napier, New Zealand.
- Kovacic, Z., & Green, J. (2010, April). *Automated assessment of advanced office skills.* Paper presented at the 2010 DEANZ Conference, Wellington, New Zealand.
- Strongman, L. (2010). *Negating the visibility hypothesis of globalisation: The case of China.* Paper presented at the New Zealand Applied Business Education Conference, Napier, New Zealand.

Weaver, N. E., & Peters, H. (2010). *Rate the New Zealand birds: Applying best practice pedagogy to online activities*. Paper presented at the 2009 Teaching & Learning Meets E-fest Conference, Palmerston North, New Zealand.

12. National conference presentation abstract only published in proceedings (RO)

Awan, N. (2010, November). *Delivering fit-for-purpose governance: A case study*. Paper presented at the 4th New Zealand Management Accounting Conference, Hamilton, New Zealand.

Brennan, M. (2010, September). *Respecting resilience. Reflections on Bucharest*. Invited paper presented at the Home-based Early Childhood Education and Care Annual Conference, Auckland, New Zealand.

Bowker, N. (2010, December). *Minimising the heatedness of grades: A self-evaluation questionnaire identifying assignment preparation practices*. Paper presented at the Tertiary Writing Network Colloquium, Victoria University, Wellington, New Zealand.

Bowker, N., & Brown, C. (2010, April). *Managing self-presentation in e-learning and other online environments*. Paper presented at the DEANZ Conference, Te Papa, Wellington, New Zealand.

Bowker, N., & Brown, C. (2010, December). *Constructing the self in multiple online environments for work and play: A call for participants*. Paper presented at the Tertiary Writing Network Colloquium, Victoria University, Wellington, New Zealand.

Howland, P. (2010, December). *Genealogical wines and rurality: laying down the timeful ephemerality of metro-distinction*. Paper presented at the Association of Social Anthropologists of Aotearoa New Zealand Annual Conference, Rotorua, New Zealand.

Howland, P., & Taylor, D. (2010, September). *Team-based creative learning and bridging education*. Paper presented at the New Association of Bridging Educators 9th National Conference, Wellington, New Zealand.

Kobeleva, P. (2010, December). *Marking as a writing process*. Paper presented at the Tertiary Writing Network Colloquium, Victoria University, Wellington, New Zealand.

Nichols, M. (2010, April). *Intervention for retention through distance education*. Paper presented at the Distance Education Association of New Zealand (DEANZ) conference, Wellington, New Zealand.

Nichols, M. (2010, April). *How JoFDL works*. Paper presented at the Distance Education Association of New Zealand (DEANZ) conference, Wellington, New Zealand.

Peters, H., & Weaver, N. E. (2010). *Using the web to enrich student learning*. Paper presented at the DEANZ conference 2008, Wellington, New Zealand.

Ross, C. (2010, April). *Engaging distance students in learning: What matters to students and how can institutions build quality connections to enhance engagement?* Paper presented at the DEANZ Conference, Wellington, New Zealand.

Scholes, V. (2010, December). *Participation in moral judgement in moral philosophy*. Paper presented at the Australasian Association of Philosophy NZ Division conference and Virtue Ethics / Virtue Epistemology Mini-Conference, University of Waikato, Hamilton, New Zealand.

Shaw, R. K. (2010, December). *The hermeneutic method in tertiary education*. Presentation to the Tertiary Writing Network Colloquium, Victoria University of Wellington.

13. Other national conference presentations (not published) (CRE)

Broadley, M-E. (2010, June). *The Student Voice on practicum issues*. Paper presented at the Tamaki Makaurau Early Childhood Teacher Education Providers Associate Teachers symposium, Auckland, New Zealand.

Broadley, M-E. (2010, June). *It's moments like these: Dispute resolution protocols and practices within practica*. Paper presented at the Tamaki Makaurau Early Childhood Teacher Education Providers Associate Teachers Symposium, Auckland, New Zealand.

Broadley, M-E, & Williams, N. (2010, July). *Building Kaupapa Māori into early childhood education*. Paper presented at the Ako Aotearoa Research in Progress Colloquium, Wellington, New Zealand.

Clarke, P., & Hannay K. (2010, July). *Collaboration with faculty: A tough nut to crack*. Paper presented at the TeL-SIG Conference, Wellington, New Zealand.

Fisher, R. M., & Smees, A. (2010). *Education for sustainability: opportunities and challenges for online and distance education*. Paper presented at the New Zealand Association for Environmental Education, Biennial Conference, Hastings, New Zealand.

Grant, R., & Rawlings, C. (2010, November). *A sense of belonging: Guidelines and tools for training peer mentors*. Paper presented at the ATTLANZ Conference, CPIT, Christchurch, New Zealand.

Jarden, A. (2010, February). *The international wellbeing study – development, challenges and initial findings*. Paper presented at the New Zealand College of Clinical Psychologists, Christchurch, New Zealand.

Lawrence, B. (2010, July). *From our dreams and nightmares: The future of humanity*. Paper presented at the New Zealand Psychological Society Psychology for a Sustainable Future conference, Rotorua, New Zealand.

Matehaere-Patten, S. A. (2010, September). *Learning challenges in 2010*. Paper presented at the Real Estate Institute of New Zealand Residential Property Managers Conference, Wellington, New Zealand.

Maxwell, A. (2010, October). *Supporting young children as future leaders – conversations and perspectives from across the sector*. Celebrating Northland's Tamariki Conference, Whangarei, New Zealand.

Nichols, M. (2010, April). *ePortfolios: Current practice and future trends*. Paper presented at the Moodle (Mini) Moot, Wellington, New Zealand.

Seelig, C. (March, 2010). *Creating education without boundaries – developments in online and distance learning*. Presentation to the Higher Education Summit, Auckland, New Zealand.

Shaw, R. K. (2010, July). *The implications for science education of the hermeneutic philosophy of science*. Presentation to the Conference of the New Zealand Association of Science Educators, Nelson.

Shaw, R. K. (2010, August). *The governance of curriculum and the plight of Māori*. Presentation to the Research Conversations Conference, Auckland University of Technology.

Shaw, R. K. (2010, December). *Husserl's phenomenological method in management*. Presentation to the Conference of the Australian and New Zealand Academy of Management, Adelaide.

14. Artefact, object, craftwork (CRE)

Howland, P. (2010). *Team-based, creative learning and bridging education* [Article & video]. Wellington, New Zealand: AKO Aotearoa.

15. External research grants (RO, CRE)

Everiss, L., & Brennan, M. (2010). *An exploration of field based early childhood teacher education in Aotearoa/New Zealand*. Teaching and Learning Research Initiative (TLRI). Ministry of Education.

Howland, P. (2010). *Team-based, creative learning and bridging education*. AKO Aotearoa Good Practice Publication Grant.

Jarden, A., & Weijers, D. (2010). *Establishing the International Journal of Wellbeing*. Vic Davis Memorial Trust.

Kovacic, Z., & Green, J. (2010). *Predictive working tool for early identification of 'at risk' students*. Ako Aotearoa Project Fund.

Pereda, P. (2010, September). *Victoria PhD submission scholarship*. Victoria University of Wellington.

Rawlings, C., Wilson, K. & Rangihaeata, P. (2010–2011). *Ako tuākana-tēina: e-belonging; construction and evaluation of a cyber whare for Māori distance students*. Ako Aotearoa Regional Hub Project Fund.

Williams, N. & Broadley, M-L. (2010). *Building Kaupapa Māori into early childhood education*. Ako Aotearoa National Project Fund.

16. Research Growth Fund Grants (CRE, RO)

Boyd-Wilson, B. M. (2010, September). *Development of the Self-Realization Scale, Part I*.

Peters, H. L. (2010). *Gambling behaviour and stimulus control*.

Tuleasca, I. (2010). *Rotational magnetic fields and cryogenic environments, Phase 2*.

17. Postgraduate thesis (RO)

Bourke, J. (2010). *Elder care, self-employed women and work-family balance: An exploration using work-family border theory*. Unpublished Master of Business Studies thesis, Massey University, Wellington, New Zealand.

Shaw, R.K. (2010) *Truth and physics education: a Heideggerian analysis*. Unpublished doctoral thesis, Auckland University, Auckland, New Zealand.

18. Book review (CRE)

Fields, A. (2010). [Review of the book *A guide to library research in music*, by P. S. Bayne]. *Australian Library Journal*, (59)4, 236.

Hannay, K. (2010). [Review of the book *Cruise to success: How to steer your way through the murky waters of marketing your library*, by L. S. Phillips]. *New Zealand Library & Information Management Journal*, 51(4), 287–288.

Jarden, A. (2010). [Review of the book *Gratitude: how to appreciate life's gifts*, by Maymin, S., Britton, K., Gillespie, K., Hausmann, J., Fisher, S., Akhtar, M., & Yeager, J.]. *Positive Psychology News Daily*. Retrieved online from <http://positivepsychologynews.com/news/aaron-jarden/2010121615303>

Nichols, M. (2010). [Review of the book *Contemporary perspectives in e-learning research*, edited by G. Conole, & M. Oliver]. *The Journal of Open, Flexible and Distance Learning* 14(1), 80–82.

Faculty Academic Outputs

19. National presentations (RO, CRE)

- Awan, N. (2010, October). *Social enterprise dynamics – NZ context*. Presentation to the Association of NGOs in Aotearoa (ANGOA) Roundtable Forum.
- Cossham, A. (2010, May). *Records management to complement organisational developments*. Presentation to the National Records and Information Managers' Forum, Wellington, New Zealand.
- Hamer, J. (2010, November). *Should critical literacy be a part of early childhood education in New Zealand?* Presentation to the Lifting Literacy in ECE Seminar, Manakau Institute of Technology, Auckland, New Zealand.
- Jarden, A. (2010, October). *How to understand and build wellbeing in organizations: Insights from positive psychology*. Presentation to the Human Resources Institute of New Zealand, Wellington, New Zealand.
- Moffat, K. (2010, July). *Ebook library (EBL) demand-driven acquisition*. Presentation to the ITP Library Managers Forum, Palmerston North, New Zealand.
- Welland, S. (2010, August). *Understanding archives: What people (don't) know and how archivists can learn from this*. Presentation to the Archives and Records Association of New Zealand Annual Conference Investing in the Future, 2010: Research, Records and Preservation, Wellington, New Zealand.

20. Other external presentations (RO, CRE)

- Hamer, J. (2010, February). *Literacy in early childhood education*. Presentation to the Professional Development Seminar, Kidicorp – Hawke's Bay, Napier, New Zealand.
- Wellington, S. (2010). *Building GLAMour: Convergent practice in New Zealand Public Memory Institutions*. Museum and Heritage Studies Post Graduate Seminars 2010, Massey University, Palmerston North, New Zealand.

21. Non-refereed journal articles (CRE)

- Barrett, J., & Bourke, D. (2010, October). Sustainable business school. *Chartered Accountants Journal*, 89(9), 48–49.
- Cossham, A. (2010, June). Frozen in headlights on the information superhighway? [Guest forum]. *Informed Librarian Online*. Retrieved from <http://www.informedlibrarian.com>
- Fields, A. (2010, October). Addendum: New Zealand libraries and the New Zealand Library & Information Management Journal 1997–2010. *New Zealand Library & Information Management Journal* 52(1), 20–23.
- Jarden, A. (2010). Flourish and thrive: An overview and update on positive psychology in New Zealand and internationally. *Psychology Aotearoa*, 4, 17–23.
- Kelly, G. (2010). A year of demand driven acquisition of ebooks at the Open Polytechnic library. *The New Zealand Library & Information Management Journal*, 52(1), 41–54.
- Shaw, R. K. (2010). The nature of science in schools. *New Zealand Science Teacher*, 125, 45–46.

22. Industry journals and magazine articles (RO, CRE)

- Barrett, J., & Bourke, D. (2010, October). Sustainable business school. *Chartered Accountants Journal*, 89(9), 48–49.
- Welland, S., & Smith, S. (2010, May). Ensuring the glove fits: NZ diploma in records and information management (DipRIM) and the record-keeping profession. *IQ: The RMAA Quarterly*, 26(2), 43.

23. Newspaper/magazine articles (CRE)

- Marfell-Jones, M. J. (2010, March). The training model and the qualification. *Funeralcare Magazine*. 26, 2–3.
- Mersham, G. M., & Rate, L. (2010, March). New book first to reflect public relations in NZ. *Scoop*. Retrieved from <http://www.scoop.co.nz/stories/ED1003/S00072.htm>
- Mersham, G. M., & Rate, L. (2010, December 6). Social media increasing point of reference in Kiwi disaster. *Scoop*. Retrieved from <http://www.scoop.co.nz/stories/CU1012/S00071/social-media-increasing-point-of-reference-in-kiwi-disaster.htm>

24. Open Polytechnic seminars

- Avery, T., & Siivonen, S. (2010, November). *Ebooks: Access thousands of books from your desk with ebook library (EBL)*.
- Bowker, N. (2010, April). *Writing a research proposal*.
- Halsey, G. (2010, May). *The economic origins of the English Civil War*.
- Marfell-Jones, M. J. (2010, December). *Performance-based research fund – PBRF 2012 evaluation*.
- Natanasabapathy, P. (2010, June). *Becoming a sustainable practitioner: Are we equipped?*
- Peter, V. M. (2010, April). *Continuous learning and employee learning processes in New Zealand*.

25. Seminars presented by visiting fellow (CRE)

- Kawanisi, K. (2010, September). *Surface water measurement*. The Open Polytechnic Seminar Series.
- Whistler, A. (2010). *Plants of the canoe people*. The Open Polytechnic Seminar Series.

26. Seminar presented at the Open Polytechnic by students

- Wanigasekera, D. J. (2010, February). *A study on groundwater quality changes of the Hautere and coastal groundwater zone in Kapiti Coast Wellington, New Zealand*.

27. National and international awards (PE)

- Barrett, J., & Jones, J. (2010, October). *Looking into the abyss: Can business education help save the planet?* Paper presented to the New Zealand Applied Business Education Conference, Napier, New Zealand. Awarded best peer-reviewed paper.
- Marfell-Jones, M. J. (2010, November). Awarded an honorary professorship by the Universidad Católica San Antonio de Murcia, Murcia, Spain.

28. Journal editorship (CRE, PE)

- Bourke, D. (2010). Editor, *Estate & Trust Bulletin* (New Zealand Trustees Association).
- Bourke, D. (2010). Editor, *Sus It Out* (sustainability newsletter, New Zealand Institute of Chartered Accountants).
- Fields, A. (2010). Editor, *The New Zealand Library & Information Management Journal*.
- Hicks, D. (2010). Associate editor, *Inside Tourism*.
- Kovacic, Z. (2010). Associate editor, *Informing Science – The International Journal of an Emerging Transdiscipline*.
- Kovacic, Z. (2010). Editor, *Journal of Information Technology Education*.

- Kovacic, Z. (2010). Editor-in-chief, *International Journal of Information, Knowledge, and Management*.

- Nichols, M. (2010). Co-Editor, *The Journal of Open, Flexible, and Distance Learning* (journal of the Distance Education Association of New Zealand).

- Strongman, L. (2010). Associate editor, *International Journal of Interdisciplinary Social Sciences*.

- Strongman, L. (2010). Associate editor, *Prism: Online Journal of Refereed Public Relations and Communication Research*.

- Strongman, L. (2010). Associate editor. *The International Journal of Environmental, Cultural, Economic and Social Sustainability*.

29. Consultancy (CRE)

- Cossham, A. (2010). *Peer review of the library concept design at Massey University Wellington Campus*. Prepared for Arrow International Ltd. [Industry contract, unpublished.]

- De Costa, G. (2010). *A review of coastal disasters – Case of New Zealand*. NiWA and UN report (pp 53–59) to the International Workshop on Impact of Global Warming from Hydrological and Hydraulic Issues.

- Hicks, D. (2010, December). *Stewart Island: Visitor strategy 2010–2015*. Interview consultant for Venture Southland.

- Kenny, D. M. (2010). Consultant to New Zealand Qualifications Authority for moderation of early childhood education qualifications.

- Kenny, D. M. (2010). Consultant to Pukeko Preschool for professional development and advice.

- Mersham, G. M. (2010). Consultant to Department of Conservation Kaka project (use of social media video).

- Peters, H. L. (2010). Consultant to CREST International Award Scheme (Royal Society of New Zealand).

30. External scholarly and academic contribution (CRE, PE)

- Awan, N. (July, 2010). Discussant and session chair, 2010 Accounting and Finance Association of Australia and New Zealand (AFAANZ), Conference, Christchurch, New Zealand.

- Awan, N. (November 2010). Panel member for Community enterprise – growing the discussion, Association of NGOs in Aotearoa (ANGOA) annual general meeting, Wellington, New Zealand.

- Barrett, J. (2010). Reviewer, New Zealand Applied Business Education Conference.

- Barrett, J. (2010). Reviewer, *New Zealand Journal of Taxation Law and Policy*.

- Bourke, J. (2010). Forum chair, New Zealand Applied Business Education Conference.

- Bourke, J. (2010). Reviewer, New Zealand Applied Business Education Conference.
- Brennan, M. (2010). Reviewer, Early Childhood Folio.
- Brennan, M. (2010). Reviewer, New Zealand Council of Educational Research.
- Broadley, M-E. (2010). Co-convenor, Associate Teachers' Symposium. Tamaki Makaurau Early Childhood Teacher Education Providers Network, Auckland, New Zealand.
- Broadley, M-E. (2010). Early childhood representative, Postgraduate Consultative Committee, Auckland University of Technology, Auckland, New Zealand.
- Broadley, M-E. (2010). External moderator, BA Degree in ECE. Auckland University of Technology, Auckland, New Zealand.
- Chang, A. L. (2010). Reviewer for Asian Journal of Business and Accounting, Kuala Lumpur, Malaysia.
- Cossham, A. (2010). Editorial board, *Information Research*.
- Cossham, A. (2010). Editorial board, *The New Zealand Library & Information Management Journal*.
- Cossham, A. (2010). Reviewer for *Information Research*.
- De Costa, G. (2010). Review board, Elsevier Journal of Hydrology.
- Fields, A. (2010). Reviewer, CCA-EDUCAUSE Australasia 2011 Conference. Sydney, Australia.
- Hamer, J. (2010). National editorial board, *New Zealand Journal of Teachers' Work*.
- Howland, P. (2010). Reviewer for *Ethnos*.
- Howland, P. (2010). Reviewer for *Journal of Sociology*, Australia.
- Irvine, J. R. (2010). Editorial board, *The New Zealand Library & Information Management Journal*.
- Jonnavithula, L. (2010). Member, International Board of Reviewers, *Journal of Information Technology Education (JITE)*.
- Karamat, P. (2010). Organising committee, 2010 International Conference of the Association of Global Management Studies, Las Vegas, United States of America.
- Kovacic, Z. (2010). Advisory editorial board, *Open Management Journal*.
- Kovacic, Z. (2010). Referee, 44th Hawaiian International Conference on System Sciences.
- Kovacic, Z. (2010). Referee, *Journal of Information Technology and Politics*.
- Kovacic, Z. (2010). Referee, *University of Mauritius Research Journal*.
- Kovacic, Z. (2010). Review board, *Journal of Global Business and Technology*.
- Kovacic, Z. (2010, June). Session chair, Informing Science + Information Technology Education Joint Conference, Cassino, Italy.
- Marfell-Jones, M. J. (2010). Organising committee, ISAK World Conference 2010, Lisboa, Portugal.
- Marfell-Jones, M. J. (2010). Criterion Anthropometrist, International Society for the Advancement of Kinanthropometry.
- Marfell-Jones, M. J. (2010). Reviewer, European Journal of Sport Science.
- Marfell-Jones, M. J. (2010). Reviewer, UK Journal of Sports Science.
- Marfell-Jones, M. J. (2010). Editorial Board, NZ Journal of Sports Medicine.
- Maxwell, A. (2010). Organising committee, 2010 Celebrating Northland's Tamariki Conference, Whangarei, New Zealand.
- Merrett, M. F. (2010). Review board, Plant Biology.
- Mersham, G. M. (2010). Co-supervisor, doctoral thesis, *Virtual trust in a global village: The online interaction of trust and culture involving organisations and their publics* by Abdul Rahman, K., Auckland University of Technology, Auckland, New Zealand.
- Mersham, G. M. (2010). Editorial board, *Communicatio – South African Journal for Communication Theory and Research*.
- Mersham, G. M. (2010). Editorial board, *Prism*.
- Mersham, G. M. (2010). Review board, *Media International Australia Journal*.
- Mersham, G. M. (2010). Review board, *Prism*.
- Natanasabapathy, P. (2010). Session presider, Global Learn Asia Pacific 2010 Conference, Penang, Malaysia.
- Peter, V. M. (2010). Reviewer for 24th Annual Australian and New Zealand Academy of Management Conference, Melbourne.
- Shaw, R. K. (2010). Editorial board member, for *Philosophy of Management*.
- Shaw, R. K. (2010). Editorial consultant for *Educational Philosophy & Theory*.
- Shaw, R. K. (2010). Reviewer for *Journal of Management & Organisation*.
- Shearsby, V. (2010). Convenor, 10th Early Childhood Convention 2011.
- Tuleasca, I. (2010). Reviewer for Third International Conference on Software Testing, Verification and Validation (ICST 2010).
- Tuleasca, I. (2010). Reviewer for. *IEEE Sensors Journal* 4002 – 2010.
- Tuleasca, I. (2010, June). Committee member, ICST 2010 Technical Programme, The Fourth International Conference on Sensing Technology (ICST 2010), Lecce, Italy.
- Welland, S. (2010). Review board, Archifact.

31. Internal research contribution (CRE) —————●

- Awan, N. (– April 2010). Member, Open Polytechnic's Audit and Finance Committee of the Council.
- Barrett, J. (2010). Chair, Open Polytechnic Research Publications Committee.
- Barrett, J. (2010). Member, Open Polytechnic Ethics Committee.
- Barrett, J. (2010). Member, Open Polytechnic Research Committee.
- Brennan, M. (2010). Member, Open Polytechnic Research Committee.
- Marfell-Jones, M. J. (2010). Member, Academic Programmes Evaluation Committee.
- Marfell-Jones, M. J. (2010). Member, Open Polytechnic Research Committee.
- Marfell-Jones, M. J. (2010). Open Polytechnic Research Manager.
- Mersham, G. M. (2010). Member, School of Social Sciences Research Committee.
- Mersham, G. M. (2010). Member, School of Social Sciences Research PBRF sub-Committee.
- Mersham, G. M. (2010). Open Polytechnic Representative, ITP National Research Forum.
- Mersham, G. M. (2010). Research mentor, Centre for Social Sciences.
- Natanasabapathy, P. (2010). Session chair, Teaching Practices Discussion Group. The Open Polytechnic Seminar Series, Lower Hutt, New Zealand.
- Nichols, M. (2010). Chair, Open Polytechnic Research Committee.
- Peter V. M. (2010). Member, School of Business Seminar Presentation Team.
- Peter V. M. (2010). Member, Teaching Practices Discussion Group.
- Peters, H. (2010). Mental health representative, Open Polytechnic Equal Employment Opportunities Committee.
- Peters, H. (2010). Psychology representative, Open Polytechnic Faculty Research Plan Steering Group.
- Peters, H. (2010). Psychology representative, Open Polytechnic School Research Group.

32. Official external role (PE) —————●

- Bourke, D. (2010). Member, Sustainability Special Interest Group, New Zealand Institute of Chartered Accountants.
- Bourke, D. (2010). Council Member, New Zealand Trustees Association.
- Broadley, M-E. (2010). Council Member, New Zealand Association for Research in Education, New Zealand.
- Culver, A. (2010). Member, National Diploma in Engineering Mechanical [NDE (Mechanical)] Consortium.

- Culver, A. (2010). Representative (from NDE (Mechanical) Consortium) on National Engineering Education Plan (NEEP) Project.
- De Costa, G. (2010). Member, Governing Council of the International Association of Hydraulic Research – Asia Pacific Division.
- Everiss, L. (2010). Representative, Early Education Federation, Institutes of Technology and Polytechnics New Zealand (ITPNZ).
- Everiss, L. (2010). Monitor, Early Childhood Initial Teacher Education. Institutes of Technology and Polytechnics Quality and New Zealand Teachers' Council.
- Everiss, L. (2010). Trustee, China New Zealand Education Trust.
- Jarden, A. (2010). President, New Zealand Association of Positive Psychology.
- Karamat, O. (2010). Executive member, International Information Management Association.
- Kovacic, Z. (2010). Member, Working Group 8.4 (E-Business: Multi-disciplinary research and practice), International Federation for Information Processing.
- Marfell-Jones, M. J. (2010). Adjunct professor, Universal College of Learning, Palmerston North, New Zealand.
- Marfell-Jones, M. J. (2010). Chair, Funeral Directors Association of New Zealand President's Award Panel.
- Marfell-Jones, M. J. (2010). Chair, Funeral Services Training Trust of New Zealand.
- Marfell-Jones, M. J. (2010). Chair, Funeral Services Training Trust of New Zealand Accreditation Panel.
- Marfell-Jones, M. J. (2010). Chair, International Society for the Advancement of Kinanthropometry Accreditation Working Group.
- Marfell-Jones, M. J. (2010). Secretary-General, International Society for the Advancement of Kinanthropometry.
- Needham, J. (2010). Member, Academic Board of Advanced Business Education Ltd Abel.
- Needham, J. (2010). Member, Academic Committee, New Zealand Institute of Chartered Accountants.
- Needham, J. (2010). Member, Academic Consultative Advisory Group, New Zealand Institute of Chartered Accountants.
- Nichols, M. (2010). Executive member, Distance Education Association of New Zealand (DEANZ).
- Peter, V. M. (2010). New Zealand regional conference coordinator, 12th International Conference of the Society for Global Business & Economic Development.
- Peter, V. M. (2010). Reviewer, Australia and New Zealand Academy of Management, Strategic Management stream.
- Peter, V. M. (2010). Research fellow, Academy of World Business Marketing and Management.

- Peter, V. M. (2010). Reviewer, 12th International Conference of the Society for Global Business & Economic Development.
- Peters, H. (2010). Reviewer, *Journal of Gambling Studies*.
- Sutherland, R. (2010). Executive member, ITP Trades Forum.
- Sutherland, R. (2010). Member, Employment Relations Education Ministerial Advisory Committee.
- Sutherland, R. (2010). Member, WelTec Regional Trade Training and Technology Centre Advisory Committee.
- Tuleasca, I. (2010). Open Polytechnic representative, National Electrotechnology Education Consortium (NETEC).

33. External postgraduate degree examinations (CRE) ●

- Boyd-Wilson, B. M. (2010, March). External examiner, doctoral thesis, *The role of positive irrational beliefs in mental health & wellbeing* by Collard, J. Deakin University, Melbourne, Australia.
- De Costa, G. (2010). External supervisor/examiner, master's thesis, *Ground water contamination in the Houtere river basin* by Dias, J. University of Southern Queensland, Queensland, Australia.
- Mersham, G. M. (2010, June). External examiner, master's dissertation, *The use of Internet in public relations and its impact on the practice: A New Zealand perspective* by Bhargava, D. Auckland University of Technology, Auckland, New Zealand.
- Mersham, G. M. (2010, December). External examiner, doctoral thesis, *The suitability of wireless technologies for implementing an ebusiness infrastructure in Kenyan micro and small enterprises* by Wamuyu, P. K. University of KwaZulu, Natal, South Africa.





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