

# 2006 REGISTER of Research and Scholarly Activity

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**Wintec**  
WAIKATO INSTITUTE OF TECHNOLOGY

Te Kuraŋini o Waikato

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# INTRODUCTION

The publication of this Research Register comes as I complete my first year at Wintec, after replacing former Research Director Gordon Paterson in May 2006. At the time of joining Wintec, my brief was to cement a centralised research culture that provided Wintec-wide uniform process and procedures which would prove sustainable. In the relatively short time I have been here, I have been receiving some brilliant feedback about our staff who are either doing top class research themselves or are enthusiastically assisting others by contributing to the existing structure and support around Wintec's research activities. As Wintec's Research Director I'm keen to continue building on this by cementing our research culture at all levels of development and enhancing the profile of our research projects and researchers. The centralised system, or a "one-stop shop" for all research-related matters, is critical to delivering on Tertiary Education Commission's priority for delivery of relevant research connections and technology transfer to the regional community.

To this end, I bring a range of skills, experience and professional networks which I hope will help us achieve these goals together – I will briefly outline here for those unfamiliar with my background. My research experience has focused mainly on environmental technology development for the management of both urban and rural environmental sustainability - themes which I believe are key considerations in any research project. I have been involved in teaching, research and management roles at New Zealand Forest Research Institute (now SCION), Massey University, the University of Waikato and, more recently, Landcare Research (a Crown Research Institute). My practical experience encompasses leading a number of research projects and programmes funded by various government agencies, industry and the private sector and I also bring with me strong personal links with international research communities.

The role of polytechnics and similar institutions has changed. Our research projects now need to contribute to national/regional growth and economy and also to develop our staff members to continue to promote Wintec as an excellent place to study at. In considering these issues, my first task when I took up the position of Wintec's Research Director was to talk to our staff so I could identify and set out some recommendations which would support their research capability, provide them with more opportunities to conduct research and also help them to satisfy management expectations and accountability procedures.

My investigations revealed that Wintec needs to continue to build on its research culture and promote research which has measurable outcomes across four key areas. These include increasing the quality (and quantity) of our research outputs, sourcing more external income for research, transferring the knowledge and technology gained from research activities into the local community and producing more research outputs and products which have applications for commercial opportunities. Achieving these recommendations means assisting and encouraging Wintec staff so they receive the time, resources and support they need to include research as a priority within their roles. That is why we have centralised our research resources so that our Research Office is now a "one-stop shop", providing research project coordination and supporting researchers' infrastructure needs through provision of editing, financial, statistical and graphics assistance. We have also introduced a 'category' system to encourage succession planning - specifically recognising those staff who show potential as researchers but need focused support – essentially breaking down the barriers to becoming a researcher.

As these changes progress, our researchers have still been managing to produce top quality research from a range of disciplines – Business and Administration, Communications, Education and Human Services, Health, Information Technology, Learning and Teaching Technologies, Maori Pasifica and Indigenous Studies, Media Arts, Science and Technology, Sport and Exercise Sciences, the Creative Industries and Trades and Engineering – listed in our full collection of 2006 research projects at the end of this publication.

A new system of quality weighting-based research output was introduced in 2005. I am very pleased to see that apart from various new processes and procedures introduced requiring new alignments, Wintec has over-achieved its research weighted output target in 2006. This achievement is significant for Wintec in its positioning of the institution across the national educational system, especially among Institutes of Technology and Polytechnics.

There are many exciting developments and pathways ahead for Wintec's research activities and our researchers. Wintec recognises that innovation through the development of new products and services is a major determinant of industry success and economic growth. In order to meet the above needs, some of the initiatives for 2007 will include the establishment of Innovation Syndicate and an "Innovation and Technology Transfer" funding stream. This funding stream will support linkages, infrastructure and networks directly related to research application, innovation and technology transfer in order to:

- Enhance Wintec's capacity to capitalise on the benefits of research;
- Build a coherent technology commercialisation network; and
- Strengthen partnerships between Wintec and industry, including industry secondment.

In the meantime, congratulations to our researchers who continue to contribute to enhancing Wintec's academic reputation in a very competitive education market.

Surya Pandey, PhD  
Research Director



Dr Surya Pandey, Research Director: Building Wintec's research reputation further by fostering a dynamic research culture.

**Dr Tom Cockburn**  
**School of Education & Social Development**

Innovation, effectiveness and accuracy in the methods tertiary providers use to assess their students are under the spotlight in a current Wintec study. Research Co-Leaders Dr Tom Cockburn and Dr Pat Reid are working with a team of researchers to identify and document innovative assessment strategies currently in use within a range of New Zealand tertiary institutions. The information gathered will be used to produce a set of case studies and recommendations to assist staff in New Zealand tertiary education organisations to include innovative assessment strategies in their teaching. The \$85,000 project is one of only seven proposals chosen out of 27 applications to the Ministry of Education's (MOE) 2006 funding round and it's the only one focusing on assessment – an area identified by MOE as lacking in research.

The research team itself brings an international perspective to the study through their collective backgrounds spanning Europe, the United States and New Zealand. Information is being gathered from each of four different types of tertiary education institutions (TEIs): the University of Waikato; Wintec; Te Wananga O Aotearoa and a range of Private Training Establishments (PTEs). Case studies of 40 teacher interviews will be compiled into a final report to the Ministry of Education at the end of the year for dissemination throughout the sector. "The case studies will illustrate best practice in assessment methods across a range of fields, levels of study and assessment types," Pat says. Tom adds, "They'll also be written in a style that says, 'here is this teacher and this is what they've done', so they provide practical examples of innovative ways of doing things."

The project began in late 2006. Pilot interviews with teachers will be conducted in February 2007 and reviewed before further interviews are completed in March, April and May. "One of the challenges for this project is that 'innovation' can mean different things to different people" says Tom. "Something that is 'innovative' in one setting may not be in another. Something that is an established method in one situation could become 'innovative' when applied elsewhere."

Pat adds that on the other hand there seems to be global concurrence on the key principles defining the term 'assessment'. The team expects the definitions for both terms will become clearer as their investigation progresses, linking in with those identified in its literature review.

Tom and Pat say there are clearly emerging trends in the changing role of the teacher – (especially the role of assessor) as well as changes in the teacher-student relationship which now focuses on 'service delivery', increasing student expectations and provider accountability in new ways. The research team expects to find out more about these issues as the project continues and is timing its full report for the end of 2007 in anticipation of the upcoming Tertiary Education Strategy 2008.

Research team/contributors:

Dr Tom Cockburn

Dr Pat Reid

Jane Stewart (principal academic staff member),

Jill Musgrave (principal academic staff member)

Roseanne Matheson (General Manager, Aviation & Travel Training Group, ATTG)

Dr David Mitchell (consultant/advisor)



*Tom Cockburn and Pat Reid: examining emerging trends in innovative, effective and accurate student assessment.*

**Adrian France**  
**School of Business & Administration**

A novel survey technique has yielded multiple benefits for Adrian France, Lecturer in Management Accounting at Wintec's School of Business and Administration. 'An Alternative Approach to Surveying Management Accounting Practices' is the initial phase in clarifying what should be taught to students working through their degree. "Management accounting has been very fluid over the last 20 years in terms of many different topics coming to light and new ways of doing things," explains Adrian. "We need to be asking, what do they need to 'get the job'? What are the contemporary tools, techniques, processes and issues in management accounting which they should be familiar with?"

Previous research and mail-out surveys revealed inconsistent results as to the terminology being used within the management accounting profession. Rather than posting out onerous survey forms to those in the management accounting field, Adrian decided to survey job website advertisements to identify actual terms being used by practitioners. He used a list of predetermined terms compiled from previous researchers' mail surveys and compared them with current terminology in job advertisements on the New Zealand job website '[seek.co.nz](http://seek.co.nz)' - the most comprehensive of three he investigated. This process minimised the usual barriers of mail surveys and provided a valuable data resource for further study.

The most frequently occurring current terms were 'operational budgeting', 'cash flow management', 'capital budgeting', 'strategic management accounting' and 'variance analysis', after which the frequency of other terms decreased. Adrian found that the terms used seemed to depend on a particular firm or type of industry. For example, management accounting within service industries appeared to focus narrowly on a particular set of techniques, while the manufacturing industry's focus seemed broader. Although essentially consistent, comparison of Australian and New Zealand job advertisements indicated that Australian advertisements favoured a narrower range of techniques and topics.

Adrian is keen to follow up on these findings with a more in-depth longitudinal study but he's pleased with his results so far. "Doing this survey in a different way to those done in previous research will help back up existing information from a different angle," says Adrian. "I've also really appreciated the guidance I've received from Dr Deryl Northcott in getting to this stage."

Adrian's work is a valuable first step along the pathway to finding out specifically what Wintec (and perhaps other tertiary providers) should be teaching its management accounting students. He has also been able to use his website survey process as a teaching tool - guiding students through similar techniques to give them another skill which also helps them in the interim to make informed course decisions for their own path of study. Adrian presented his paper at a number of academic conferences in 2006 and is investigating opportunities to publish it in academic journals, while progressing his follow up longitudinal study alongside other related projects.

Research team:

Adrian France

Dr Deryl Northcott (consultant/advisor), Accounting Research Leader (part-time) for Wintec and AUT Professor of Accounting.



Adrian France: Clarifying management accounting practice is a valuable first step in identifying what to teach accounting students.

**David Cook**  
**School of Media Arts**

An open cast mine is all that remains on the site of Rotowaro, a small coal mining town of 400 people established in 1917, nine kilometres west of Huntly. However, the town's images, its people and its history will not be forgotten thanks to the recent publication of "*Lake of Coal. The Disappearance of a Mining Township*". The book's photographs depict the town's history and decline, illustrating the social and economic impact of the energy industry in the area and on the town and its people. *Lake of Coal* marks the end of a 20-year research project by Wintec's Bachelor of Media Arts Photography Co-ordinator David Cook. "Pivotal to the book is the removal of an entire village of mine workers in the late 1980s to make way for a vast open cast coal development," says David.

David's involvement with Rotowaro began in 1984 when he worked on a Waikato Museum project developing an archive of photographs on social and economic development in the region and continued when he came to Wintec in 1995 to teach photography. With support from the Faculty Research Fund, the Lotteries Heritage Board and Trust Waikato, David continued to take his own photographs of the area and collect historical photographs. He also built long-term relationships with people who had lived or worked in the town and those in the energy industry, gathering oral histories, pictures, diaries, letters, fossils, mining objects and other artefacts and sharing his photographs with them in return.

Seventy per cent of *Lake of Coal's* initial print-run of 1000 copies sold in the first three months following the book's launch in October 2006 at the Waikato Museum of Art and History - a "...really special event with a strong feeling of community," says David. *Lake of Coal* has been distributed nationally to bookshops and libraries, to Huntly Museum, to a range of organisations and schools for use in association with geography curricula and to various newspapers and magazines.

Several publications have taken the opportunity to review it, including the Waikato Times which published a double-page feature on the book. *Lake of Coal* has been submitted to the prestigious 2007 Montana NZ Book Awards.<sup>1</sup>

David agrees that there's a considerable sense of achievement in completing the book for everyone involved, especially given the contribution from the Rotowaro community itself. However, he's ready to move on to new projects. "Throughout this project I've been interested in finding out what a documentary format can achieve and how it can be extended in different ways," says David. He hopes to explore these aspects further through documentary storytelling with ecology and history as a focus, perhaps with a 'book' outcome accompanied by an interactive DVD or website.

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<sup>1</sup> Prior to this publication going to press *Lake of Coal* was announced as a finalist in the Montana NZ Book Awards.

Research team/contributors:

David Cook (researcher/photographer/writer: Wintec Bachelor of Media Arts Photography Co-ordinator)

Geoff Parks (editing: freelance Wellington writer, ecology and history)

Prof Martin Phillips (geography theorist: University of Leicester)

Jonty Valentine (graphics/design: AUT Graphics Design teacher)

Craig Potton Publishing (Nelson) (publishing)

RAMP (Wintec School of Media Arts' publishing arm: publishing assistance)



*David Cook examines his photo-documentary book, Lake of Coal – released in October 2006 following 20 years of research.*

**Hera White**  
**Director, Maori**

“Mā te huruhuru te manu ka rere, mā te kākahu te tangata ka tika ai”  
“By feathers a bird flies, and by clothing is a person presentable”

Optimising language and literacy skills to increase Māori students' success in foundation, introductory and certificate programmes is the key focus of Wintec's research project 'Ma te Huruhuru te Manu Ka Rere'. The project team, managed by Hera White (Wintec's Pouārahi Māori – Director Māori), is one of only three Māori research groups to be successful in their applications to the Ministry of Education's Te Ako O te Ora Research Funding Proposal (RFP). “The Ministry's RFP encourages emerging researchers,” says Hera. “We're particularly appreciative of having the support of Dr Stephen May, from the College of Education and the University of Waikato as research consultant to the project.”

Past research has found that many New Zealanders want to improve their literacy, numeracy and language competencies (Ministry of Education, 2005) and that many Wintec students, particularly Māori students, feel 'thrown in the deep end' when making the transition from high school to a tertiary study. Recent national statistics have also stated that over 53 per cent of Māori boys in New Zealand are leaving high school without any NCEA qualifications at all. In addition, there is anecdotal evidence from tutors and support staff at Wintec which indicates that Māori students require a lot of additional support to develop their language literacy and numerical skills to a level appropriate for the courses they wish to pursue. Hera White sees these problems as resulting from a “...mis-match between the home and school environments for Māori students” In many cases high schools are not meeting Māori needs and there are communication problems preventing teachers and Māori students engaging fully with each other.

The study is especially relevant in the Waikato region where 20 per cent of the population are Māori (Statistics NZ, 2001). Wintec recognises these issues in its strategic planning; meeting Māori and Pasifika education and employment outcomes and aspirations is one of the organisation's seven strategic objectives. Hera says Wintec has already put in place a number of initiatives, for example, teaching programmes aimed specifically at preparing Māori students; and Te Kete Kōnae (its Māori and Pasifika Learning and Support Centre and Tertiary Study Skills Centre) which centralises Māori support into one area. However, she says it's now time to reflect on how these initiatives are actually working. The study's focus groups and one-on-one interviews aim to capture the perspectives of current learners, potential learners, tutors, provider and communities/iwi and Hera says initial feedback from current students has seen them really opening up to share their voices and experiences.

Interviews and analysis will continue in the first half of 2007 and the study's findings will be presented to the Ministry of Education in June. Hera says the team is hoping that its research will not only help inform existing and new Māori student support initiatives for Wintec but also inform Government policy on how the Māori experience fits in with the tertiary environment.

Research team:

Hera White

Kim Williams

Marion Tahana

Tania Oxenham

Kimi Matthews

Dr Stephen May (research consultant and expert in this field) College of Education and University of Waikato



Marion Tahana and Hera White: Part of a research team reinforcing Wintec's commitment to supporting Māori students' needs in preparing them for tertiary education.

**Kelly Gibson-van Marrewijk & Jane Stewart**  
**Research Office & School of Education & Social Development**

A two-year collaborative research project involving six Wintec staff from three schools (Health, Education and Social Development and Science and Primary Industries) is progressing well as it moves into its second year. The \$180,000 project has been funded by the Teaching, Learning and Research Initiative (TLRI) Fund. The study's aim is to identify factors that impact on student completion, retention and achievement rates for science modules in applied health programmes. The project, "*Addressing obstacles to success: Improving student completion, retention and achievement in science modules in applied health programmes, with particular attention to Māori*", is one of five Category B research proposals approved by the TLRI Fund's selection panel, which noted the project's "...potential to impact positively on students, especially Māori...[and its]... high strategic value..."

The study follows on from a scoping project conducted at Wintec in 2005, which revealed that many students, particularly Māori, felt overloaded by the volume of scientific information currently required in midwifery and nursing curricula. "Students perceive that science is an obstacle to passing their midwifery or nursing qualification," says Jane.

Wintec's research team, headed by Project Coordinators and researchers Kelly Gibson-van Marrewijk and Jane Stewart, is working in collaboration with Dr. Rose Hipkins and Dr. Jane Gilbert from the New Zealand Council for Educational Research (NZCER). "The involvement of highly-respected senior researchers from NZCER has taken this study to a different level," say Kelly and Jane. "It's a model of best practice for working collaboratively in a research project, which fits particularly well with the TLRI Fund's focus on building ongoing relationships between educators, practitioners and researchers."

Phase One (2006) explored "What science knowledge is necessary for new graduates, if they are to be competent midwives and nurses?" and used a narrative approach to data collection. Twelve focus group interviews were completed with midwifery and nursing educators, new graduate midwives and nurses in three sites around the North Island. Midwives' and nurses' in-depth stories were analysed to draw out the underpinning science used in practice and give the research team an overview of what science students *really* need to know, so these findings could be woven into Phase Two.

Phase Two (2007/2008) involves NZCER and Wintec researchers developing, piloting and evaluating an intervention in science modules taught in applied health programmes. This work aims to match the core knowledge requirements emerging from Phase One against what is currently being taught in the science components in Wintec's nursing and midwifery curricula. Kelly, Jane and the research team hope that the findings and outcomes from the study will help reduce instances where prospective students are put off enrolling in nursing and midwifery courses or where enrolled students end up

repeating science modules or not completing courses. “In particular, we want students to make the connection between science theory and actual practice much earlier in the learning process -rather than when they’re in the work environment.”

Research team:

Kelly Gibson-van Marrewijk

Jane Stewart

Dr Gudrun Dannenfeldt

Dr Kevin Stewart

Jackie McHaffie

Dr Margie Duff

Dr Rose Hipkins (NZCER)

Dr Jane Gilbert (NZCER)



Kelly Gibson-van Marrewijk and Jane Stewart: part of a research team aiming to help midwifery and nursing students make the connection between science theory and actual practice earlier in the learning process.

**John Clayton**  
**Centre for Research into Emerging Learning & Teaching Technologies**

An e-Learning Collaborative Development Funded project has recently been completed by Wintec staff. The 'Open Source Learning Object Repository (OSLOR)' project follows on from the 2005 Open Source Courseware Initiative New Zealand (OSCINZ)' which was instrumental in the rapid uptake within New Zealand of the Open Source Learning Management System, Moodle. Both OSLOR and OSCINZ Tertiary Education Commission-funded projects (reported on in last year's Research Register) are the result of a working partnership between Wintec and teams at Northland Polytechnic, 'BEST Training' (a Pacific Island tertiary provider based in Auckland), the Wellington Institute of Technology, the Open Polytechnic of New Zealand and the Southern Institute of Technology. The focus of both projects is to promote a connected, collaborative environment by providing cost-effective infrastructure which shares resources across educational networks, improves the flow of information and provides learner access online through a single point of entry to a variety of resources. Other goals include improving interaction between different systems while also providing a framework for further e-learning developments.

In 2006 the Open Source Learning Object Repository project team, headed by John Clayton, manager of the Centre for Research in Emerging Learning and Teaching Technologies (CRELTT), completed the initial phase by addressing key issues including how to define, create, describe, deploy, store and share digital material. "It was crucial for us to define, from a New Zealand perspective, what a learning object was and how they can be used," says John. "We concluded a learning object must address an educational objective, be structured and sequenced, have all the appropriate resources contained within it and it must be able to evaluate and record student progress. Only then can we confidently say to teachers and tutors that this learning object deals with this specific learning task and when you use it you have all the resources and activities available to cover that learning need." John hopes that as users benefit from the use of learning objects they will begin to contribute material and help keep it current. Hence the team's next challenge to encourage the development of 'communities of interest' generally and, in particular, engage professionals from specific disciplines in 'communities of practice' as users and contributors.

To promote these concepts the team created an online environment featuring over 20 professional development courses ranging from understanding how learning objects are described, to software applications you can use to create them and a range of options for how they can be shared. There are 609 globally registered users using the site and there is potential to reap international benefits in knowledge and resource sharing.

Find out more about the Open Source Learning Object Repository on the Te Kupenga ('The Net') website at <http://oslor.elearning.ac.nz/moodle/>.

Research team:

John Clayton, Tania Oxenham, Jeremy Fitzpatrick, Troy Williams, Bev Gower, Lance Haysom, Lisa Jones, Teresa Gibbison, Sarah-Jane Saravani, Simon Calcott, Carolyn Paulsen, Jeanette Stephens, Murray Deason.



John Clayton: Wintec's 'Open Source Learning Object Repository' – Opening access to educational resources.

**Dr Kevin Stewart**  
**School of Science & Primary Industries**

An innovative technique for tracking the incidence of periodontitis is under development by a Wintec researcher in partnership with three other institutions. Kevin Stewart from the School of Science and Primary Industries has been working with Brendan Haigh and Thomas Wheeler from AgResearch since 2005 to identify 'biomarkers' in human saliva. These bio markers are being used to identify whether a person has periodontal disease and to monitor the disease's progress through fluctuations of high and low activity. Funded by Wintec, AgResearch, Waikato Medical Research and the New Zealand Dental Foundation, the study has also received assistance from Hamilton-based orthodontist John Whelan who has provided ongoing samples from patients agreeing to take part in the study.

Periodontitis is a common disease of the gums where bacteria infect and inflame the tissue supporting the teeth. Symptoms range from mild gum bleeding through to severe pain and loss of teeth. Kevin Stewart says that one of the difficulties with assessing the disease is that its severity comes and goes, meaning detailed ongoing clinical examination is needed to keep track of its presence and progress. "Using bio markers instead is a far less invasive process which benefits both the clinician and the patient," explains Kevin. "It's just a case of taking a quick sample of saliva to see if the condition is still there and if so, to what degree."

Human saliva contains many proteins and plays an important role in determining how tissues in the mouth respond to periodontal disease. As it's likely that certain proteins will be present when the disease is active, these proteins can serve as 'bio markers' which can be measured using 'proteomics' technology. The patient saliva samples are currently being analysed. However, preliminary results (presented by Brendan Haigh at a recent conference on the role of saliva in oral health) indicate the presence of a number of proteins whose abundance appears to be increased in the saliva of patients with periodontal disease.

Kevin says that working with the other institutions on this project has produced reciprocal benefits through the exchange of knowledge and resources and through creating links with others in the field and related industries. For example, by gaining access to the latest instruments and technical or procedural advances in the field of proteomics, Kevin has been able to pass on his own increased learning to Wintec students, better preparing them for entering the workforce in the future.

Over the coming year the research team will continue to work towards obtaining clear and consistent results from bio marker behaviour in relation to periodontal disease. Kevin is particularly excited about developing the bio marker technique to diagnose and monitor other diseases and conditions such as Type 2 Diabetes. "It's amazing how many proteins are in saliva. So far over one hundred of these proteins have been identified and there's potential to diagnose all sorts of things based on changes in a person's saliva." High on Kevin's own 'wish list' is the development of a standardised bio marker measurement tool and process which will have many practical and commercial applications.

Research team/contributors:

Dr Kevin Stewart

Dr Brendan Haigh (AgResearch)

Dr Thomas Wheeler (AgResearch)

Dr John Whelan (John R. K. Whelan, Periodontics & Dental Implants)



Kevin Stewart and Brendan Haigh: Bio markers found in human saliva can potentially be used to identify a wide range of diseases and conditions.

**Dr Nicholas Gill**  
**School of Sport & Exercise Science**

The research of three former Wintec Sport and Exercise Science students, Jo Vaile, Martyn Beaven and Dan Smart, is attracting academic interest as well as funding from sporting organisations nationally and overseas. They have been assisted by research supervisor and Wintec's Senior Lecturer in Exercise Physiology, Dr Nicholas Gill. Dr Gill has been providing them with ongoing support while also working with the Waikato Rugby Union. Together, their efforts reflect Wintec's emphasis on forging practical links between teachers, students and industry.

In 2005, Dr Gill and Dan Smart analysed rugby players' movement patterns and physical loads to design and validate a specific fitness test. New Zealand Rugby Union (NZRU) has used the new test within their high performance programme over the last two years (NPC through to All Blacks). The test provides trainers and coaches with more specific indications of an individual's ability as a rugby player and of the effectiveness of conditioning programmes. NZRU has recognised this research's quality by funding Dan's PhD with a focus on player tracking and talent development.

Similarly, a number of studies led by Martyn Beaven and Dr Gill since 2004 have looked at individual hormonal variations in elite rugby players' responses to resistance exercise. Less gain was observed in a player's strength and size when a training programme promoted a negative hormonal response. "This is useful in targeting training schedules to individuals," says Dr Gill. As a result, NZRU is also funding Martyn's PhD which is focusing on how testosterone can be manipulated naturally to enhance training and performance.

Jo Vaile's research on 'recovery' in sport began during her studies at Wintec. She is now employed by the Australian Institute of Sport as a 'Recovery Specialist' while completing her PhD. Her most recent studies (supervised by Dr Gill) have been conducted with elite cyclists. Results suggest that contrast water therapy (alternating hot and cold baths) applied between two training sessions an hour apart is associated with a smaller reduction (and faster restoration) of strength and power - as well as a reduction in muscle soreness. The colder the water, the greater the effect.

Martyn, Dan and Jo's research papers on these studies have been accepted for publication in 2006/2007 in international peer-reviewed science journals (see register listings). Dr Gill says their efforts show that Wintec is producing high-quality, PhD-capable students - however, they're being snapped up by other institutions. This is both flattering and frustrating for Wintec students and teachers alike, as Dr Gill explains. "Our students say they'd prefer to continue their PhD at Wintec rather than look elsewhere. Martyn, Dan and Jo are three of four honours students in two years who have progressed to scholarship-funded PhDs yet still maintained strong ties with me here at Wintec." On a more positive note, Dr Gill says the situation confirms Wintec's need to offer PhD-level study opportunities in the near future and provides support for its ongoing efforts to achieve this. In the meantime, past and present students will continue to contribute to building Wintec's research reputation in both academic and industry circles.

Research team/contributors:

Dr Nicholas Gill, Wintec

Daniel Smart (former Wintec Honours student)

C. Martyn Beaven (former Wintec Honours and Masters student)

Jo Vaile (former Wintec Honours student)

Christian J. Cook (former employee of HortResearch)

Anthony J. Blazeovich (Brunel University, UK)



Nicholas Gill: Former Wintec students' research is being recognised by industry and tertiary institutions worldwide.

# **FACULTY OF BUSINESS & TECHNOLOGY**

## **School of Business & Administration**

### **Research Outputs**

#### **Conference Presentations**

##### **Published refereed international conference proceedings**

France, A. (2006, September 29). Defining the management accounting role. Paper presented at *the 2nd Conference of the Australasian Business and Behavioural Sciences Association (ABBSA)*, Adelaide. [CD] ISBN 0-9751892-2-0

France, A. (2006, July 3). Management accounting change in Australasia. Paper presented at *the Accounting & Finance Association of Australia and New Zealand (AFAANZ) Conference*.

France, A. (2006, September 29). Research proposal: scholarly activity of successful business researchers in the tertiary sector. Paper presented at *the Hawaii International Conference on Business (6th), Honolulu, Scholarly activity of successful business researchers in the tertiary sector*, (p. 870). ISSN 1539-722X.

France, A. (2006, May 26). Topic generation of successful researcher. Paper presented at *the Hawaii International Conference on Business (6th), Honolulu, Scholarly activity of successful business researchers in the tertiary sector*, (p. 877) ISSN 1539-722X.

##### **Published non-refereed conference proceedings**

Hill, R. A. (2006, September 28). Research culture. Paper presented at 4<sup>th</sup> Biennial ITPNZ Research Conference: *Research that works: Linking research to teaching and learning*, EIT, Napier.

##### **Unpublished conference presentation**

France, A. (2006, April 11). *An alternative approach to surveying management accounting practices*. Paper presented at the International Conference on Accounting and Finance in Transition (4th), Adelaide.

France, A., & Reymer, K. (2006, September 27). *Current techniques required of management accountants*. Teaching excellence for business success. Paper presented at the New Zealand Applied Business Education, Bay of Plenty Polytechnic, Tauranga.

France, A., & Zein, M. (2006, September 27). *A discussion of commonly used classroom textbooks in management accounting*. Teaching excellence for business success. Paper presented at the New Zealand Applied Business Education Conference, Bay of Plenty Polytechnic, Tauranga.

Frost, D. (2006, September 27). *Budgeting in churches – a literature review and research agenda*. Teaching excellence for business success. Paper presented at the New Zealand Applied Business Education Conference, Bay of Plenty Polytechnic, Tauranga.

Gourdie, J. R., & Rees, J. (2006, September 27). *Financial accountability relationships between donors and recipients in the non-profit sector*. Teaching excellence for business success. Paper presented at the New Zealand Applied Business Education Conference, Bay of Plenty Polytechnic, Tauranga.

Roche, M. (2006, September 27). *Towards an understanding of leading knowledge work and the knowledge worker: What the literature tells us*. Teaching excellence for business success. Paper presented at the New Zealand Applied Business Education Conference, Bay of Plenty Polytechnic, Tauranga.

Yeung, D. (2006, September 28). *e-learning preference of international students: The Shandong University of Technology study*. Paper presented at the e-Fest Wellington.

Yeung, D. (2006, July 3). *The flip side of the coin: An organisational scan of domestic student attitudes towards their international counterparts*. Paper presented at the Association for Tertiary Education Management, (ATEM) Conference, Tauranga. (p.13).

### **Reports to External Bodies**

Rolley, C. R., & Roche, M. (2006, November 15). *Mt Maungatautari Research Project: Research Report to Faculty of Business & Technology Research Subcommittee, Mt Maungatautari Ecological Trust and the Landowners interviewed*.

## **Peer Esteem**

### **New Zealand Journal**

Hill, R. A. (2006). Member, Editorial Board of New Zealand Journal of Applied Business Research.

## **Research-Related Awards/Fellowships/Prizes**

### **National fellowships/awards/prizes**

France, A. (2006). Awarded Wintec Emerging Researcher Award. Wintec Research Awards.

## **Organising conference/curating exhibition**

### **New Zealand**

Hill, R. A., & Roche, M. (2006). Organised and hosted Workplace Wellbeing Network One-Day Conference.

Roche, M. (2006). Session chair, New Zealand Applied Business Education Conference.

## **Appointments to Key Research, Industry, Professional Community Government or International Bodies**

### **New Zealand bodies**

Roche, M. (2006). Member, Human Resource Institute of New Zealand (HRINZ) National Subcommittee on Research and Publications.

## **Contribution to Research Environment**

### **Mentoring, Supervising Colleagues' Research**

Hill, R. A. (2006). School research leader.

### **Membership of Institutional or Faculty Research Committees**

Hill, R. A. (2006). Member, Faculty Research Sub-committee.

Hill, R. A. (2006). Member, Wintec PBRF Internal Assessment Panel.

Yeung, D. (2006). Member, Wintec Human Ethics in Research Committee.

**Coordinators/Director of a Research Centre/Syndicate**

Hill, R. A., & Roche, M. (2006). Coordinators, the Workplace Wellbeing Network – a Wintec Research Syndicate.

## **School of Information Technology**

### **Research Outputs**

#### **Conference Presentations**

##### **Published refereed New Zealand conference proceedings**

Hunt, T., Matheson R., & Christie, D. (2006, July 8). A novel enhancement to multi-choice question assessment. In *Proceedings of the Nineteenth Annual Conference of the National Advisory Committee on Computing Qualifications (NACCQ) Conference*, (pp. 135-138), ISSN 1176-8053, Wellington.

<http://bitweb.tekotago.ac.nz/staticdata/allpapers/2006/papers/135.pdf>

##### **Published non-refereed conference proceedings**

Hunt, T., & Murphy, K. (2006, July 8). Automated Desktop Imaging. In *Proceedings of the Nineteenth Annual Conference of the National Advisory Committee on Computing Qualifications (NACCQ) Conference*, (p. 325), ISSN 1176-8053, Wellington.

<http://bitweb.tekotago.ac.nz/staticdata/allpapers/2006/papers/135.pdf>.

Jouvernaux, M. (2006, September 28). Home, Sweet Intelligent Home. Paper presented at 4<sup>th</sup> Biennial ITPNZ Research Conference: *Research that works: Linking research to teaching and learning*, EIT, Napier.

##### **Unpublished conference presentation**

Burrell, C. (2006, July 7-10). *Learning environment software*. Proceedings of the Nineteenth Annual Conference of the National Advisory Committee on Computing Qualifications (NACCQ) Conference, Wellington. ISSN 1176-8053.

<http://bitweb.tekotago.ac.nz/staticdata/allpapers/2006/papers/135.pdf>

#### **Higher Degree Awarded**

##### **Masterate**

Scott, F. Masters in Computing (Unitec).

## **Peer Esteem**

### **Research-Related Awards/Fellowships/Prizes**

#### **National fellowships/awards/prizes**

Burrell, C. (2006, July 7-10). Prize for best software National Advisory Committee on Computing Qualifications (NACCQ) Conference, Wellington.

### **Reviewing Research Proposals/Conference Proposals/Exhibitions**

#### **Reviews of international conference papers/exhibition proposals**

Burrell, C. (2006). Reviewed paper for Learning Environments Research. (*Springer*).

#### **Reviews of national conference papers/exhibition proposals**

Roberton, G. (2006, July 7-10). Review National Advisory Committee on Computing Qualifications (NACCQ) Conference, Wellington.

### **Organising conference/curating exhibition**

#### **New Zealand**

Roberton, G. (2006, July 7-10). Organising Committee National Advisory Committee on Computing Qualifications (NACCQ) Conference, Wellington.

### **Appointments to Key Research, Industry, Professional, Community, Government or International Bodies**

#### **New Zealand bodies**

Roberton, G. (2006). Chair, National Advisory Committee on Computing Qualifications (NACCQ).

Roberton, G. (2006). Member, Fluency in IT New Zealand Project steering group.

## **Contribution to Research Environment**

### **Mentoring, Supervising Colleagues' Research**

Burrell, C. (2006). Presentation of PhD research experience to the Wintec Doctoral support group.

### **Membership of Institutional or Faculty Research Committees**

Burrell, C. (2006). Member, Wintec Research Strategy & Management Group.

Burrell, C. (2006). Member, Wintec Faculty of Business & Technology Research Committee.

Burrell, C. (2006). School Research Coordinator.

Rakena, B. H. (2006) Member, Human Ethics in Research Committee, Wintec, Hamilton.

### **Supervision of Student Research**

#### **Doctoral thesis**

Burrell, C. (2006) Associate supervisor of Wintec staff member Blaine Rakena, PhD thesis "Maori and tertiary education: Case studies of Maori in tertiary level computer Information Technology courses" Curtin University of Technology, Perth, Western Australia.

## **School of Retail & Service Industries**

### **Research Outputs**

#### **Conference Presentations**

##### **Unpublished conference presentation**

Ward, P. (2006, December 6). *An investigation of the perceptions of the hospitality industry held by 14 -19 year olds; the case of Hamilton NZ.*  
Paper presented at the NZ International Hospitality Conference,  
Hamilton.

#### **Membership of Institutional or Faculty Research Committees**

Matheson, R. (2006). Member, Wintec Faculty Research Subcommittee.

Matheson, R. (2006). School Research Coordinator.

## **School of Science & Primary Industries**

### **Research Outputs**

#### **International journal: refereed papers**

Christie, D. S. (2006, December). Proof without words. *Mathematics Magazine (the teaching journal of the American Mathematical Association)*, 79(5).

Wojcik, D. P., Godfrey, M. E., Christie, D. S., & Haley, B. E. (2006, September). Mercury toxicity presenting as chronic fatigue, memory impairment and depression: Diagnosis, treatment, susceptibility, and outcomes in a New Zealand general practice setting. *NeuroEndocrinology Letters*, 27(4), 416-423.

#### **Conference Presentations**

##### **Published non-refereed conference proceedings**

Stewart, K. W. (2006, September 28). Collaborative Research. Paper presented at 4<sup>th</sup> Biennial ITPNZ Research Conference: *Research that works: Linking research to teaching and learning*, EIT, Napier.

##### **Unpublished conference presentation**

Bartlam, S. (2006, September 22). *Forest Indicators II - Wasps*. Paper presented at the Waikato Student Society of Arboriculture Conference – Biosecurity theme, Hamilton.

Ranson, H. (2006, September 22). *Forest Indicators I - Spiders*. Paper presented at the Waikato Student Society of Arboriculture Conference - Biosecurity theme, Hamilton.

Herbert, M. (2006, September 22). *Biosecurity in the UK*. Paper presented at the Waikato Student Society of Arboriculture Conference - Biosecurity theme, Hamilton.

##### **Miscellaneous Scholarly Activity**

Christie, D. S. (2006). Quantitative Analysis presentation to Wintec staff.

Storey, P. (2006). A tree's view of pruning. A presentation to the Waikato Horticultural Society. Hamilton.

## **New Zealand consultancies**

Christie, D. S. (2006, August). Review of Collaborative Testing limits. A confidential report to AgriQuality critiquing the current limits and data transformation used in inter-laboratory testing.

Christie, D. S. (2006, March). Nothing is perfect. Invited talk to the AgriQuality National Proficiency Seminar on the statistics behind inter-laboratory testing.

Gow, M. (2006, February - August). Eight consultancies were completed analysing DDT Testing soils for DDT residues on farm and forestry block in the Waikato and Coromandel areas.

## **Peer Esteem**

### **Organising conference/curating exhibition**

#### **New Zealand**

Herbert, M. (2006, September 22-23). Organiser, Conference of the Waikato Student Society of Arboriculture, Biosecurity theme, Hamilton.

### **Appointments to Key Research, Industry, Professional, Community, Government or International Bodies**

#### **New Zealand bodies**

Stewart, K. W. (2006). Appointed to the Council of the Physiological Society of New Zealand.

#### **Local/regional bodies**

Fester, V. (2006). Secretary, Executive of the Waikato Branch of the New Zealand Institute of Chemistry.

## **Contribution to Research Environment**

### **Membership of Research Collaborations and Consortia**

#### **New Zealand (outside Wintec)**

Dannenfeldt, G., & Stewart, K. W. (2006). Collaborators on a research project with other Wintec researchers and the NZ Council for Educational Research titled: "Addressing obstacles to success: Improving student completion, retention and achievement in science modules in applied health programmes, with particular attention to Maori", funded by the Ministry of Education's Teaching and Learning Research Initiative.

Stewart, K. W. (2006). A member of a research consortium led by the Centre for Science and Technology Education Research at University of Waikato titled: Understanding and Enhancing Learning Communities in Tertiary Education in Science and Engineering, funded by the Ministry of Education's Teaching and Learning Research Initiative.

Stewart, K. W. (2006). A member of a research partnership with AgResearch Ruakura on a research project titled: A Proteomics approach to Identifying Biomarkers associated with Active Phases of Periodontal Disease, funded by the Waikato Medical Research Foundation, AgResearch and the New Zealand Dental Research Foundation.

Wilson, D. (2006). Member, Waikato/Bay of Plenty Cluster of Learning for living Phase I and Phase II, Ministry of Education, New Zealand

### **Mentoring, Supervising Colleagues' Research**

Christie, D. S. (2006). School statistician (0.2).

### **Membership of Institutional or Faculty Research Committees**

Christie, D. S. (2006). School Research Coordinator.

Stewart, K. W. (2006). Member, Research Strategy & Management Group.

Stewart, K. W. (2006). Member, Faculty of Business & Technology Research Sub-committee.

### **Coordinator/Director of a Research Centre/Syndicate**

Stewart, K. W. (2006). Faculty of Business & Technology Research Coordinator (0.5).

## **School of Sport & Exercise Science**

### **Research Outputs**

#### **Chapters in Books**

##### **International publication**

Cummins, R. A., & Prosser, C. (2006). Leaky gut and it's implications in the exercising athlete. In S. Marshall-Gradisnik, E. Hohmann, & A. Bryan. (Eds.), *Sports Science and Sports Medicine Reviews – Selected Topics II*, (pp. 65-91). Rockhampton, Queensland: Central Queensland University Publishing Unit.

##### **Papers in Periodicals/Journals**

###### **International journal: refereed papers**

Blazevich, A. J., Gill, N. D., & Zhou, S. (2006). Intra- and intermuscular variation in human quadriceps femoris architecture assessed in vivo. *Journal of Anatomy*, 209, 289-310.

Blazevich, A. J., & Gill, N. D. (2006, August). Reliability of unfamiliar multijoint, uni and bilateral strength tests: Effects of load and laterality. *Journal of Strength and Conditioning Research*, 20(1), 226-230.

Gill, N. D., Beaven, M., & Cook, C. J. (2006). Effectiveness of post-match recovery strategies in rugby players. *British Journal of Sports Medicine*, 40, 260-263.

Grindrod, D., Paton, C. D., Knez, W. L., & O'Brien, B. (2006). 6 minute walk distance is greater when performed in a group than alone. *British Journal of Sports Medicine*, 40(10), 876-877.

Hamilton, R., Paton, C. D., & Hopkins, W. (2006). Effect of high intensity resistance training on performance of competitive distance runners. *International Journal of Sports Physiology and Performance*, 1(1), 40-50.

Paton, C. D., & Hopkins, W. (2006). Ergometer error and biological variation in power output in a performance test with three cycle ergometers. *International Journal of Sports Medicine*, 27, 444-447.

## Conference Presentations

### Published refereed international conference proceedings

- Bradley, K. (2006, September 14-16). Motives for Participating in International-Level Masters Athletics. In *Proceedings of the Physical activity and successful aging. European Group for Research into Elderly and Physical Activity (EGREPA) Xth International Conference*, Cologne, (p. 109), ISBN 3-937167-91-9, <http://www.egrepa.org>.
- Corban, R. (2006, 26 September). The use of cognitive therapy in the treatment of burnout in sport: A case study. *Australian Journal of Psychology*, 58, Suppl, 2006. Joint Conference of the Australian and NZ Psychological Societies.
- Croucher, P., & Cummins, R. (2006, November 16-18). Effect of bovine colostrum supplementation on performance of repeated rowing efforts. In *Collected Abstracts of New Zealand Sports Medicine and Sports Conference*, Wellington, (p. 38).
- Cummins, R. A., Prosser, C., Stelwagen, K., Gill, N., & Milne, C. (2006, July 5-8). Bovine colostrum and goat milk powders reduce heat-induced 'leaky gut' in rats. In *Book of Abstracts 11<sup>th</sup> Annual Congress of the European College of Sport Science*, Lausanne, Switzerland, (p. 492).
- Cummins, R. A., Hastie, R., & Burden, S. (2006, July 5-8). Circuit training improves daily function in the elderly. In *Book of Abstracts 11<sup>th</sup> Annual Congress of the European College of Sport Science*, Lausanne, Switzerland, (p. 551).
- Cummins, R. A., Hastie, R., & Burden, S. (2006, November 13). Circuit training improves daily function in the elderly. In *Book of Abstracts, Ageing in New Zealand: Reporting Research Progress Conference*, Wellington.
- Paton, C. D. (2006, February). *Effect of high intensity resistance training on performance of competitive distance runners*. Paper presented at the 13th Commonwealth International Sport Conference, Melbourne.
- Paton, C. D. (2006, May). *Effect of pedal cadence on interval training performance*. Poster presentation at American College of Sports Medicine (ACSM), Conference, Denver, Colorado.
- Paton, C. D. (2006, September). *Effect of pedal cadence on interval training performance*. Paper presented at the 2nd Australian Association for Exercise and Sport Science (AAESS), Conference, Sydney, Australia.

### **Published refereed New Zealand conference proceedings**

- Bennett, K., & Braakhuis, A. (2006, November 16). Effects of acute hydroxy-citrate supplementation on carbohydrate utilisation during exercise. In *Proceedings of the New Zealand Sports Medicine and Science Conference*, Wellington. ISBN: 0-909020-07-8. (p. 95).
- Corban, R. (2006, November). Intervention strategies to increase physical activity in green prescription patients. In *Proceedings of the New Zealand Sports Medicine and Science Conference*, Wellington. ISBN: 0-909020-07-8.
- Corban, R. (2006, November). Social facilitation & coaction effects on 20m shuttle run test performance. In *Proceedings of the New Zealand Sports Medicine and Science Conference*, Wellington. ISBN: 0-909020-07-8.
- Cummins, R. A., Hastie, R., & Burden, S. (2006, November 13). *Circuit training improves daily function in the elderly*. Paper presented at the Aging: Research Progress Conference, Te Papa, Wellington.
- Knight, C., Paton, C. D., & Braakhuis, A. (2006, November 16). *Effects of glycerol in a simulated multi-sport event*. Paper presented at the SESNZ Conference, Wellington
- Knight, C., Braakhuis, A., & Paton, C. D. (2006, November). The effects of glycerol ingestion on multi-sport athletes performance. In *Proceedings of the New Zealand Sports Medicine and Science Conference*, ISBN: 0-909020-07-8, (p. 56).
- Paton, C. D. (2006). Reliability of cycling performance in competitive events *European Journal of Sports Science*, 6(1), 25-31.

### **Miscellaneous Scholarly Activity**

#### **New Zealand consultancies**

- Braakhuis, A. (2006). Consultancy to sporting organisations for advice and research (New Zealand rowing, swimming and rugby).
- Gill, N. D. (2006). Research Advisor, New Zealand Rugby Union. Wellington.

### **Peer Esteem**

#### **Review of Research Proposals/Conference Proposals/Exhibitions**

#### **Reviews of national conference papers/exhibition proposals**

- Corban, R. (2006). Reviewer, sport psychology papers submitted to New Zealand Sport Medicine Conference.

### **Reviews of international conference papers/exhibition proposals**

Corban, R. (2006). Reviewer, Journal of Sport Sciences.

Gill, N. D. (2006). Reviewer, International Journal of Sport Performance and Physiology.

Gill, N. D. (2006). Reviewer, Journal of Sport Science and Medicine.

Gill, N. D. (2006). Reviewer, Journal of Sport Sciences.

### **Contribution to Research Environment**

#### **Membership of Research, Collaborations and Consortia**

Cummins, R. A. (2006). Member, Wintec – AgResearch Colostrum Research Consortium.

#### **Membership of Institutional or Faculty Research Committees**

Corban, R. (2006). Member, Wintec Faculty Research Committee.

Corban, R. (2006). School Research Coordinator

Cummins, R. A. (2006). Member, Wintec Human Ethics in Research Committee

#### **Coordinator/Director of a Research Centre/Syndicate**

Cummins, R. A. (2006). Wintec director – Wintec/AgResearch Colostrum Research Consortium.

### **Generation of Externally-funded Research**

#### **<\$50,000**

Cummins, R. A., Agnew, M., & Carpenter, E. (2006). Procurement by AgResearch from an external funder for use on our joint project 'Can colostrum reduce leaky gut in athletes who run in the heat'.

Paton, C. D. (2006). Effect of carbohydrate status on training performance. Research collaboration with Royal Melbourne Institute of Technology.

## **Supervision of Student Research**

### **Masters thesis**

Braakhuis, A. (2006). Supervision of student Sara Dean, MA Thesis: "The effect of green tea extract on fat oxidation and cycling performance", School of Sport and Exercise Science, Waikato Institute of Technology.

### **Doctoral thesis**

Gill, N. D. (2006). Commenced PhD Supervision (Co-Supervisor-Will Hopkins) of Martyn Beaven (enrolled at AUT). PhD funded by NZRU and TEC. Topic: Hormonal manipulation to maximise athletic performance.

Gill, N. D. (2006). PhD Co-Supervisor of Jo Vaile (employed by AIS / enrolled at UWA). Topic: Hydrotherapy techniques to optimise recovery.

Gill, N. D. (2006). Commenced PhD Supervision (Co-Supervisor-Will Hopkins) of Dan Smart (enrolled at AUT). PhD funded by NZRU and TEC. Topic: Optimising the physical development of rugby players.

## **Assistance to Student Publishing, Exhibiting or Performing**

### **Nationally**

Croucher, P. C., & Cummins R. A. (2006, November 17). Effect of colostrum on performance of repeated rowing bouts. Assistance to student publishing/ exhibiting nationally. Abstract submitted to SESNZ for presentation in poster form at annual conference in Wellington. Awaiting acceptance.

## **Supervision of Student Research**

### **Postgraduate investigation**

Cummins, R. A. (2006). Supervision of third year student Croucher, P. Topic: Effect of bovine colostrum supplementation on performance of repeated rowing effects.

Dannapfel, S. (2006). Supervision: Effect of combined bovine colostrum and probiotic supplementation on immune function in female runners.

Gill, N. D. (2006). Third year research project supervision: The effect of caffeine ingestion on repeated cycle sprint performance.

# Faculty of Health, Arts & Social Sciences

## School of Communication

### Research Outputs

#### Books/Monographs (Edited)/Textbooks (<150pp)

Pittaway, G. (Ed.) (2006). *Writers in the Gardens*. Hamilton, New Zealand: Wintext Publications.

#### Conference Presentations

##### Unpublished Conference Presentations

Lusty, G. (2006, December). *A comparison of the Treaties of Limerick and Waitangi and their implications for the indigenous peoples of Ireland and New Zealand*. Paper presented at JEANZ / JEA Conference, Auckland.

Lusty, G. (2006, December 7). *How communication bridges are formed between contemporary and traditional cultures in Irish literature*. Paper presented at NZCA Conference, AUT, Auckland.

Pittaway, G. (2006, November 27). *The mighty canon; Bang or whimper?* Paper presented at Queensland University of Technology, Australian Association of Writing Programmes Conference, Brisbane, Australia.

#### Miscellaneous Scholarly Activity

##### Brief review articles/opinion pieces

Pittaway, G. (2006, February 18). [Review of performance *Much Ado about Nothing*]. (p. 2). *Waikato Times*.

Pittaway, G. (2006, February 19). [Review of performance *Blackbeard and the Mermaid's Treasure*]. (p. 2). *Waikato Times*.

Pittaway, G. (2006, March 21-25). [Review of performance *La Ronde*]. (p. 6). *Waikato Times*.

Pittaway, G. (2006, May 7). [Review of performance *Warbirds*]. (p. 6). *Waikato Times*.

- Pittaway, G. (2006, May 18-21). [Review of performance *The Magic of Margo*]. (p. 2). *Waikato Times*.
- Pittaway, G. (2006, June 23-24). [Review of performance *A house across Oceans*]. (p. 8). *Waikato Times*.
- Pittaway, G. (2006, June 22-24). [Review of performance *Stories Told to me by Girls*]. (p. 8), *Waikato Times*.
- Pittaway, G. (2006, June 28-29). [Review of performance *The Magic Chicken*]. (p. 2). *Waikato Times*.
- Pittaway, G. (2006, July 1-2). [Review of performance *King and Country*]. (p. 2). *Waikato Times*.
- Pittaway, G. (2006, July 13-15, 18-22). [Review of performance *Exit 2<sup>nd</sup> Banana*]. (p. 2). *Waikato Times*.
- Pittaway, G. (2006, October 6-20). [Review of performance *Jesus Christ Superstar*]. (p. 2), *Waikato Times*.
- Pittaway, G. (2006, October 11). [Review of performance *Symbolist Theatre- An Evening of One Act Plays*]. (p. 2). *Waikato Times*.
- Pittaway, G. (2006, October 19-21). [Review of performance *Bungamucka The Alarmist*]. (p. 2). *Waikato Times*.
- Pittaway, G. (2006, October 31 - November 2). [Review of performance *500 letters*]. (p.2). *Waikato Times*.
- Pittaway, G. (2006, September 6-8). [Review of performance *The White Lady Opera*]. *Opera News New Zealand*, October issue, pp.12-13.
- Pittaway, G. (2006, September). Story for submission to Sunday Star Times Competition, "Fingal's Cave".
- Pittaway, G. (2006, September). Story for submission to Sunday Star Times Competition, "Voices".

### **New Zealand seminars/workshops**

Pittaway, G. (2006, February 24). Participant at *Critics Seminar*. Creative NZ.

Pittaway, G. (2006, May 11). *Writing for Radio workshop*. Radio NZ, held at University of Waikato.

### **New Zealand consultancies**

Clokie, T. (2006, May). *The confident practitioner*. Hamilton, Wintec.

Clokie, T. (2006, October). *Presentations coaching*. Hamilton, Epilepsy Waikato.

Hutchinson, M. (2006, April 6-7). *Train the trainer*. Hamilton, Maori Land Court.

Pittaway, G. (2006). Whitireia Polytechnic, National Reviewer for proposed degree programme.

### **Peer Esteem**

#### **Appointments to Key Research, Industry, Professional, Community, Government or International Bodies**

##### **New Zealand Bodies**

Riddle, C. (2006). Degree moderator SIT (ITPQ contract).

Riddle, C. (2006, July). President, Journalism Education Association of New Zealand (JEANZ).

##### **Local/regional bodies**

Pittaway, G. (2006). Member, Human Ethics in Research Committee, Wintec.

### **Contribution to Research Environment**

#### **Membership of Research Collaborations and Consortia**

##### **International**

Pittaway, G. (2006, November). Australian Association of Writing Programmes - Australian, NZ, USA, British membership. Conference organiser and member of executive committee.

**Assistance to Student Publishing, Exhibiting or Performing**

Pittaway, G. (2006, December). Assistance to student publishing. Two student publications from Creative writing students in production.

Riddle, C. (2006, July). Assistance to student publishing. Fieldays Exhibitor newspaper: Mystery Creek Fieldays. School of Communication, Wintec.

Riddle, C. (2006, May-June). Assistance to student publishing. Transect Exhibition: Hamilton City Library. School of Communication, Wintec.

## **School of Education & Social Development**

### **Research Outputs**

#### **Conference Presentation**

##### **Published refereed New Zealand conference proceedings**

Cockburn, T. (2006, September 28). A complexity based typology of emotional regimes in teams. In *Proceedings of the Institutes of Technology and Polytechnics of New Zealand ITPNZ Conference*, EIT, Hawkes Bay. [CD] ISBN 978-0-473-11708-5.

Cockburn, T., & Wotton, C. (2006, September 28). Projecting selves: Personal brand management. In *Proceedings of the Institutes of Technology and Polytechnics of New Zealand ITPNZ Conference*, EIT, Hawkes Bay. [CD] ISBN 978-0-473-11708-5.

Gibson-van Marrewijk, K., Stewart, J. M., & McHaffie, J. (2006, December 5-8). Addressing obstacles to success: What science do midwives and nurses really need? In *Proceedings of the New Zealand Association for Research in Education (NZARE) National Conference 2006* (in press). Rotorua.

Shaw, B. (2006, November 24-25). What transferable skills is the Social Work industry requiring of graduate students? In *Proceedings of the Aotearoa New Zealand Social Workers Conference*, (in press). Palmerston North.

##### **Unpublished conference presentation**

Edwards, S. (2006, October 1). *Giving feedback on teacher performance: Challenges and successes*. Conference Presentation. Paper presented at the Community Languages and Speakers of Other Languages (CLESOL) Conference, EIT, Hawkes Bay.

Jackson, P., & Ryan, N. (2006, December 5). *Collaborative Research on Field-based Teacher Education*. Child Forum Symposium, Porirua.

Stuart, M. (2006, June 19). *Speaking the same language*. Paper presented at the Children's Issues Conference, Wellington.

Stuart, M. (2006, December 2). *Back to the future*. Paper presented at the international Reconceptualising Early Childhood Education, Rotorua.

### **Reports to External Bodies (excluding milestone reports)**

Westbrook, A., Shaw, B., & Rivers, S. (2006). An Evaluation of the Grandview Medical Centre Community Health Worker Pilot, Hamilton: Waikato PHO.

### **Miscellaneous Scholarly Activity**

#### **Brief review articles/opinion pieces**

Cockburn, T. (2006). Reviewer for a special issue of the Business Communication Quarterly journal.

### **Contribution to Research Environment**

#### **Membership of Research Collaborations and Consortia**

##### **New Zealand (outside Wintec)**

Gibson-van Marrewijk, K., & Stewart, J. (2006). Collaborative project between Wintec & NZCER: "*Addressing Obstacles to Success*" Phase One.

Stewart, J. (2006). Member of contract research project, Enhancing the effectiveness of tertiary teaching and learning through assessment. Ministry of Education: Wellington.

#### **Membership of Institutional Research Committee**

Stewart, J. (2006). Member, Wintec Research Strategy Management Group

#### **Generation of Externally-Funded Research**

##### **\$50,000 - \$99,999**

Gibson-van Marrewijk, K., Stewart, J. M., & McHaffie, J. (2006, December 5-8). Addressing obstacles to success: What science do midwives and nurses really need? A two year project funded by the Teaching Learning Research Initiative Fund (TLRI).

## **School of English Language**

### **Research Outputs**

#### **Conference Presentations**

##### **Published refereed New Zealand conference proceedings**

Cleary, D. (2006). *"I want to study a mainstream subject."* A study of the effectiveness of a combined English and IT programme for pre-tertiary level EAL (English as an additional language) students. Paper presented at the Community Languages and English for Speakers of Other Languages (CLESOL) 2006 conference (in press), Napier.

##### **Unpublished conference presentation**

Pak, L. (2006, September 29 – October 2). *Mum's the word: The impact of a school-based English language programme for refugee and migrant mothers.* Paper presented at the Community Languages and English for Speakers of Other Languages (CLESOL) 2006 conference, Pettigrew-Green Arena, Eastern Institute of Technology, Napier.

### **Peer Esteem**

#### **Appointments to Key Research, Industry, Professional, Community, Government or International Bodies**

##### **New Zealand bodies**

Pak, L. (2006). Appointed convenor for the ESOL (English for Speakers of Other Languages), in the Tertiary Sector group within Teachers of English for Speakers of Other Languages Aotearoa New Zealand (TESOLANZ).

## **School of Health**

### **Research Outputs**

#### **Papers in Periodicals/Journals**

##### **International journal: refereed papers**

Greenwood, S., Nielsen, H., & Wright, P. (2006, May). Conversations in context: Cultural safety and reflexivity in child and family health nursing. *Journal of Family Nursing*. 12(2), 201-224.

#### **Conference Presentations**

##### **Published refereed international conference proceedings**

Duff, M. (2006, October 23). *A study of labour*. Peking University Third Hospital Staff In-service, Beijing, China.

Duff, M. (2006, October 21). *Maternal and infant care in New Zealand*. First International Nurses Forum for Midwifery Education and Practice, Beijing, China. <http://www.midwifery.com.cn/engmid/index.asp> accessed 09.08.07.

Duff, M. (2006, October 20). *A study of labour*. First International Nurses Forum for Midwifery Education and Practice, Beijing, China. <http://www.midwifery.com.cn/engmid/index.asp> accessed 09.08.07.

Duff, M. (2006, October 20). *Midwifery research methods: Evidence to inform practice*. First International Nurses Forum for Midwifery Education and Practice, Beijing, China. <http://www.midwifery.com.cn/engmid/index.asp> accessed 09.08.07.

Duff, M. (2006, October 19). *International midwifery: Philosophy and overview*. First International Nurses Forum for Midwifery Education and Practice, Beijing, China. <http://www.midwifery.com.cn/engmid/index.asp> accessed 09.08.07.

Duff, M. (2006, October 19). *Models of midwifery care*. First International Nurses Forum for Midwifery Education and Practice, Beijing, China. <http://www.midwifery.com.cn/engmid/index.asp> accessed 09.08.07.

Duff, M. (2006, October, 19). *Scope of midwifery practice in New Zealand: A day in the life of a midwife*. First International Nurses Forum for Midwifery Education and Practice, Beijing, China.  
<http://www.midwifery.com.cn/engmid/index.asp> accessed 09.08.07.

McClunie-Trust, P. (2006). Mobile computing in a New Zealand Bachelor of Nursing Programme. *Studies in Health Technology and Informatics* 122, 605-608.

### **Unpublished conference presentation**

Bland, M., & Nielsen, H. (2006, May 17-19). *Children with chronic health conditions and their families: An exploration of their lives in our community*. Paper presented at the 9th International Paediatric and Child Health Nurses Conference, Melbourne, Australia.

Boladeras, R., & Stewart, A. (2006, October). *Strength-based group supervision with student nurses: Preparation, process and praxis*. Strength-based Practice Conference, Brisbane, Australia.

Hill, N. (2006, October 19). *How to become a midwife in New Zealand*. Paper presented at First International Nurses Forum for Midwifery Education and Practice, Beijing, China.

Hill, N. (2006, October, 21). *Pre-natal education in New Zealand*. Paper presented at First International Nurses Forum for Midwifery Education and Practice, Beijing, China.

Hill, N. (2006, October, 21). *Birth positions and waterbirths in New Zealand*. Paper presented at First International Nurses Forum for Midwifery Education and Practice, Beijing, China.

Hill, N. (2006, October 21). *Advanced training programme for nurses working in the midwifery area in China*. Paper presented at First International Nurses Forum for Midwifery Education and Practice, Beijing, China.

McClunie-Trust, P. (2006). *Nursing on: Nurses caring for their own family member in palliative care*. Seminar presentation to Waikato Hospice.

McClunie-Trust, P. (2006, June). Mobile computing in a New Zealand Bachelor of Nursing Programme. Paper presented at the *NI2006 9<sup>th</sup> International Congress on Nursing Informatics*, Seoul. South Korea.

Nielsen, H. (2006, May 17-19). *Unseen mothers*. Paper presented at the 9th International Paediatric and Child Health Nurses Conference, Melbourne, Australia.

Nielsen. H. (2006, October 31). *Envisioning the future of child health in the 21st Century: How can child health nurses respond to the challenge? The mother-nurse relationship: A critical perspective*. Paper presented at the Nurses for Children and Young People Aotearoa, Nelson, New Zealand

### **Reports to External Bodies**

Boladeras, R. (2006). Consultation Report. New Graduate Mental Health Nursing Programme Project. Mental Health and Addictions Services Waikato District Health Board.

### **Higher Degree Awarded**

#### **Masterate**

Garlick, A. (2006, December 31). *Masters thesis*. Determined to make a difference: A study of public health nursing practice with vulnerable families. Master of Arts in Nursing, Massey University, Albany.

### **Miscellaneous Scholarly Activity**

#### **Brief review articles/opinion pieces**

Bland, M. (2006). Navigating the landscape of postgraduate study. *Nursing Review*. October, 14-15.

#### **New Zealand consultancies**

Nielsen. H. (2006, June 9). Workshop: Relational Practice in Public Health. Nursing Waikato District Health Board, Professional/Workforce Development.

### **Peer Esteem**

#### **Invited/Keynote Conference Addresses**

##### **New Zealand Conference**

Bland, M. (2006, October 1). *Munchausen Syndrome by Proxy; exploring the occult*. Key note address presented at the Children and Young Peoples Conference. Nelson.

## **Invited editorial**

### **National journal**

Bland, M. (2006, October). *Navigating the post graduate landscape*. Guest Editorial *Nursing Review New Zealand*, 16-17.

Nielsen, H. (2006, July). Where is the mother in Family Centred Care (FCC)? Editorial *Kai Tiaki Nursing New Zealand*, 12(6), 2.

### **Organising conference/curating exhibition**

#### **New Zealand**

Boladeras, R. (2006/07, July). Member, organising committee, New Zealand College of Mental Health Nurses. Te Ao Maramatanga Inaugural Conference, Hamilton, New Zealand

Liddell, J. (2006, December). Maori member, National Maori Ethics Committee Ministry College of Mental Health Nurses. Te Ao Maramatanga Inaugural Conference of Health, MoH.

Nielsen, H. (2006/2007, August-October). Nurses for Children and Young People Aotearoa International Conference Co-ordinator, Hamilton.

#### **Local/regional**

Liddell, J. (2006, December). Maori (Tainui) advisor (Treaty of Waitangi, cultural input) to Waikato District Health Board.

### **Appointments to Key Research, Industry, Professional, Community, Government or International Bodies**

#### **New Zealand bodies**

Burtenshaw, K. (2006). Regional Coordinator, College of Nurses Aotearoa (NZ).

#### **Local/regional bodies**

Boladeras, R. (2006). Committee Member, Waikato Branch of Te Ao Maramatanga Professional College of Mental Health Nurses.

Boladeras, R. (2006). Graduate Nurse Programme Advisory Board Member, Mental and Addictions Service Waikato District Health Board.

Boladeras, R. (2006). Portfolio Assessor, Nursing Council of New Zealand.

Boladeras, R. (2006). Portfolio Assessor, Professional Development and Recognition Programme, Waikato District Health Board.

Liddell, J. (2006, December). Member, Human Ethics Committee at Waikato District Health Board.

Liddell, J. (2006, December). Member, Waikato Regional Health Ethics Committee.

## **Contribution to Research Environment**

### **Membership of Research Collaborations and Consortia**

#### **New Zealand (outside Wintec)**

Stewart, C. (2006). Nursing students attitudes to intellectually disabled people who offend. Collaborative research with Regional Forensic Psychiatry Service (Auckland).

### **Supervision of Student Research**

#### **Postgraduate investigation**

Boladeras, R. (2006). Secondary Supervisor of Master thesis student. Leadership in Mental Health Nursing. Faculty of Medical and Health Sciences. University of Auckland.

Nielsen, H. (2006, November). Supported 11 students in Module NUPCD 10 Child completing Best Practice Guidelines, which involves conducting an extensive critical review of the literature in support of evidence based practice required to develop the guidelines.

### **Assistance to Student Publishing, Exhibiting or Performing**

#### **Locally**

Nielsen, H. (2006, October 31). Supported four postgraduate students in NUPCD10 develop abstracts to a stage of acceptance to present at the Nurses for Children and Young People Aotearoa. Envisioning the future of child health in the 21st Century: How can child health nurses respond to the challenge? Nelson New Zealand

## **School of Media Arts**

### **Research Outputs**

#### **Books/Monographs (>150 pp) (Authored)**

##### **International publisher**

Bannister, M. (2006). *White boys, white noise: Masculinities and 1980s Indie Guitar Rock*. UK: Ashgate.

Mitchell, D. (2006). *The shelter or a fear of the touch of the unknown*. Co-Published, Brazil: A Gentil Carioca & New Zealand: Ramp Press.

##### **New Zealand publisher**

Cook, D. (2006). *Lake of Coal: The disappearance of a mining township*. New Zealand: Craig Potton Publishing & Ramp Press.

Curtis, M. (Design and Layout) (2006) *Reframing the ordinary*. [Collaborative Research Proposal, Wintec] Artist: Janice Abo Ganis. New Zealand: Waikato Institute of Technology, School of Media Arts.

Abo Ganis, J. (Artist). (2006). *Reframing the ordinary*. New Zealand: Waikato Institute of Technology, School of Media Arts.

#### **Books/Monographs (Edited)/Textbooks (<150 pp)**

##### **New Zealand publisher**

Winstone, L. (Co-editor). (2006). *Nights of our lives*. New Zealand: Rm103 Publication.

Benson, L. (Cover Image). (2006). *Luce Cannon*, by Will Christie. Auckland: Titus Books.

### **Chapters in Books**

#### **New Zealand publication**

Young, S. (2006). Essay for catalogue of Janice Abo Ganis' exhibition entitled 'Hamilton East' at the Waikato Museum of Art and History.

## **Papers in Periodicals/Journals**

### **International journal: refereed papers**

Bannister, M. (2006). 'Loaded': Indie guitar rock, canonism, white masculinities. *Popular Music*, 25(1), 77-95.

### **Journal non-refereed papers**

Mitchell, D. (2006). Z/X under construction 2. *Journal of the Manukau School of Visual Arts*.

## **Creative Outputs**

### **International professionally curated solo exhibition at major venue/festival**

Mandelberg, J. (Director, Editor & Photographer). (2006). *Lewis Morley, Photographer*. [Film]. Continuous screening as part of the exhibition, 50 Years of Photography Lewis Morley. New South Wales, Australia: Art Gallery of New South Wales, Project Gallery.

### **International professionally curated group exhibition at major venue/festival**

Abo Ganis, J. (2006, November 3-4). Group Exhibition. "Too Much Freedom? Interactive. LA Freewaves 10th Celebration of Experimental Media Arts". UCLA Hammer Museum of Art, Los Angeles.

Abo Ganis, J. (2006, December – December 2008). Group Exhibition. "Too Much Freedom? Interactive. LA Freewaves 10<sup>th</sup> Celebration of Experimental Media Arts". Website: [www.freewaves.org/festivals.htm](http://www.freewaves.org/festivals.htm) accessed 23.07.07.

Mitchell, D. (2006). *Trans Versa*. [Curated by Zara Stanhope and Danae Mossman]. Santiago, Chile: Museum of Contemporary Arts.

### **International professionally curated solo exhibition**

Mitchell, D. (2006). *A Shelter or A Fear of the Touch of the Unknown*. [Curated by Marcio Botner]. Rio de Janeiro, Brazil: A Gentil Carioca Gallery.

### **International professionally curated group exhibition (multiple works)**

Mitchell, D. (2006). *Bartertown*. [Curated by Nadine Christensen]. Melbourne, Australia: Uplands Gallery.

Mitchell, D. (2006). *Free New Zealand Art*. [Curated by Tobias Berger]. Hong Kong, China: Para/Site Gallery.

Mitchell, D. (2006). *Untitled*. [Curated by Scott Donovan]. Sydney, Australia: Loose Projects.

Wilkinson, A. (2006). *Outside In* [Posters - In Lemand Anders' Schoenen Staan, For My Mother in Missouri and My Favourite Outfit]. [Curated by Maya Drozd]. Muncie, Indiana: Ball State University.

### **International professionally curated group exhibition (one work)**

Abo Ganis, J. (2006). *Irascible Parasites* [Photographic exhibition]. Los Angeles, United States of America: Freewaves

Meade, X. (2006). *6a. Declaración del EZLN* [Triptych]. Havana University Permanent Collection. Havana, Cuba: Havana University.

Wilkinson, A. (2006). *Shrinkage Worldwide Award 2006* [Poster finalist]. Kuesnacht-Zurich, Switzerland: Shahneshin Foundation.

### **International non-curated exhibition**

#### **National professionally curated solo exhibition at major venue**

Abo Ganis, J. (2006, December – 2007, February). *Hamilton East* [Photographic exhibition]. [Curated by Leafa Wilson]. Hamilton: Waikato Museum of Art and History.

Cook, D. (2006). *Rotowaro: Lake of Coal* [Photographic exhibition]. [Curated by Leafa Wilson]. Hamilton: Waikato Museum of Art and History.

Meade, X. (2006, August - October). *Un Corrido Mexicano / Home away from home* [in collaboration with partner, Caroyna Hart-Meade [Curated by Leafa Wilson/Kraus]]. Hamilton: Waikato Museum of Art and History.

Wilkinson, A. (2006, April). *Without You I am Just a Sign or Unemployment* [Video installation] [Curated by Siobhan Garrett]. Auckland: Auckland Central Library, Film Archive's Viewfinder Space.

#### **National professionally curated group exhibition at major venue**

Mitchell, D. (2006). *Scape06: Don't Misbehave!*. [Curated by Natasha Conland and Susanne Jaschko]. Christchurch, New Zealand: Christchurch Art Gallery.

Mitchell, D. (2006). *Archiving Fever*. [Curated by Emily Cormack]. Victoria University, Wellington, New Zealand: Adam Art Gallery.

Nicholls, A. (2005, December – 2006, March). Double Harmonic: Len Lye and Tony Nicholls [several kinetic sculptures]. [Curated by Tyler Cann]. New Plymouth: Govett Brewster.

Wilkinson, A. (2006, August-October). *Without You I am Just a Sign or Unemployment* [Video installation]. [Curated by Mercedes Vincente]. Trust Waikato National Contemporary Art Award [Finalist]. Hamilton: Waikato Museum.

Winstone, L. (2006). *Still Life*. [Curated by Julie Warren]. Nelson: The Suter Gallery.

Winstone, L. (2006). *Dynasty – A ceramics show* [Group show: Tessa Laird, Lauren Winstone, Adam Willets, Onlie Ong]. [Curated by Emma Bugden]. Pakuranga, Auckland: Te Tuhi the Mark.

Winstone, L. (2006). *Encounter – New Zealand Design and Decorative Arts*. [Curated by Louis Le Valiant]. Auckland: Auckland War Memorial Museum.

### **National professionally curated solo exhibition**

Abo Ganis, J. (2006, May). *The Ledge* [Photographic exhibition]. [Curated by Lauren Winstone]. Hamilton: RAMP Gallery.

Benson, L. (2006). *Twenty Minute Spin*. Performance Festival. [Curated by Blue Oyster Arts Trust]. Dunedin: Blue Oyster Gallery.

Benson, L. (2006). *Drift*. [Curated by Antionette Godkin]. Auckland: Vavasour Godkin.

### **National professionally curated group exhibition (multiple works)**

Benson, L. (2006, March-April). *Revealing*. [Curated by Antoinette Godkin]. Auckland: Vavasour Godkin.

Benson, L. (2006, August). *Delineate* [Curated by Lorraine Pemberton]. Hamilton: Artspost.

Benson, L. (2006, November). *Ribcage*. [Curated by Lorraine Pemberton]. Hamilton: Platform Gallery.

Moore, M. (2006). *Ribcage*. [Curated by Lorraine Pemberton]. Hamilton: Platform Gallery.

Curtis, M. (2006). *Obfuscation*. [Co-curated with Simon Nicholls]. Spark Fringe Festival.  
Hamilton: Wintec R Block.

Curtis, M. (2006). *Journey From The Closet*. [Curated by Samarah Wilson].  
Hamilton: Meteor Theatre.

Curtis, M. (2006). *Coasting*. [Curated by Heather Bramwell]. Hamilton: Artspost.

**National professionally curated group exhibition (one work)**

Abo Ganis, J. (2006, December). *MAP 2006. A showcase of works by Wintec's Maori and Pasifika visual artists*. [Curated by Fleur McManus].

Benson, L. (2006, August). *Wallace Art Award*. [Curated by Dick Frizzell, Sara Hughes, Helen Kedgley, Denys Watkins & Richard Fahey]. Auckland: James Wallace Gallery.

Diprose, H. (2006, March-April). *House Warming*. [Curated by Heather Diprose and Lynda Wilson]. Hamilton: Platform.

Diprose, H. (2006, September-October). *Girl in the Other Room*. [Curated by Emma Fletcher]. Hamilton: Artspost.

Nicholls, A. (2006, July 28 – August 18). *Mono Filament*. [Curated by Lauren Winstone] Kinetic sculpture. Hamilton: Ledge.

Nicholls, A. (2006). *Two Phase. Kinetic sculpture on Trolley*. [Curated by Lorraine Pemberton]. Hamilton: Chow Hill CityScape.

Nicholls, A. (2006, August). *Two Phase. Kinetic sculpture on Trolley*. [Curated by Lorraine Pemberton]. Hamilton: Spark.

Sattler, D. (2006). *Art Poster Show*. 'Untitled', Digital print of a pencil drawing, A2 size. [Curated by Gallery East]. Hamilton: Gallery East.

Wilkinson, A. (2006, January). *The Art of Living Together (Coexistence)* [National Art Competition – Finalist]. [Judged by Hamish Keith, John Gow and Anna Miles]. Relations. Auckland: Britomart.

Williams, G. C. A. (2006, February). *The First Show*. [Curated by Maree Glass] Hamilton: Gallery East.

Williams, G. C. A. (2006, July-August). *Delineate*. [Curated by Lorraine Pemberton]. Hamilton: Artspost.

Young, S. (2006, August). *Out of the Closet*. One work entitled 'Interior IV'. Hamilton: Meteor Gallery.

### **National or regional non-curated exhibition**

Benson, L. (2006, August). *Out of the Closet. Hinge* [Drawing collaboration with Susan Jacobs]. Melbourne, Australia: Victoria Park Gallery.

Gardener, D. (2006, August). *Obfuscation* [Group exhibition by design lecturers]. Hamilton: Wintec, Corridor.

Mitchell, D. (2006). *Thresholds*. Massey University, Wellington, New Zealand: Litmus.

Mitchell, D. (2006). *The Consequences of Inaction*. Auckland, New Zealand: Starkwhite Gallery.

Nicholls, S. (2006). *National Drawing Award. Untitled* [Drawing]. Auckland: Artspace.

Nicholls, S. (2006). *Coasting Project. Untitled* [Coaster]. Hamilton: Artspost.

Sattler, D. (2006). *Obfuscation* [Group exhibition by design lecturers]. '8.30AM' [Digital print of a vector drawing, A1 size]. Hamilton: Wintec, Corridor.

Sattler, D. (2006). *Obfuscation* [Group exhibition by design lecturers]. '5.25PM' [Digital print of a vector drawing, A1 size]. Hamilton: Wintec, Corridor.

Wilkinson, A. (2006, August). *Journey from the Closet. For My Mother in Missouri* [3 posters from a set of 4]. Hamilton: The Meteor.

Wilkinson, A. (2006, August). *Obfuscation* [Group exhibition by design lecturers]. *Soap Box, Cereal Box* [posters and objects]. Hamilton: Wintec, Corridor.

Wilkinson, A. (2006, May). *Disjointed Conversations (at art openings)* [Text projection]. Hamilton: Wintec, P Block.

Wilkinson, A. (2006, October - November). *Coasting Project*. Hamilton: Artspost.

Wilkinson, A. (2006). *National Drawing Award*. Auckland: Artspace.

**International film festival screening or television/radio broadcast**

Judge, P. (2006, October). *Far Off Town: Dunedin to Nashville* [Film]. London: Raindance Film Festival.

Judge, P. (2006). *Far Off Town: Dunedin to Nashville* [Film]. Berlin: Berlin International Film Festival.

Mandelberg, J. (Director, Editor and Photographer). (2006, August). *Lewis Morley, Photographer* [Film]. Australia: Australian Broadcasting Corporation, TV Screening.

**National film festival screening or television/radio broadcast**

Judge, P. (2006, September). *Far Off Town: Dunedin to Nashville* [Film]. New Zealand: DOCNZ.

**Regional film festival screening or television/radio broadcast**

Meade, X. (2006). *Viva la música* [Radio programme]. DJ for two hour radio show on Sundays, Raglan Community Radio, Raglan.

**National performance of composition**

Sidwell, D. (Composer). (2006, March). *Recuerde el Pasado*. Elena (violin), Alexandra Wiltshire (piano), Steffen Gores (guitar), Rosalind Hill (cello), Steve Bremner (percussion). Hamilton: WEL Performing Arts Academy.

**Regional performance of composition**

Sidwell, D. (2006, March). *The New Journey*. Wintec Ensemble. Hamilton: Founders Theatre.

Sidwell, D. (2006, March). *Nau Te Matauranga*. Wintec Ensemble. Hamilton: Founders Theatre.

Sidwell, D. (Director). (2006, April). *Suessical, The Musical*. Hamilton: Clarence Street Theatre.

Sidwell, D. (Director). (2006, June). *Fame, The Musical*. Hamilton: Thornton Theatre.

### **Architectural/graphic design nationally recognised**

Cook, D. (2006) *Into the light: A history of New Zealand photography – David Eggleton (2006)*. New Zealand: Craig Potton Publishing.

### **Unpublished conference presentation**

Abo Ganis, J., & Mandelberg, J. (2006, September). *Watani Habibi: My beloved homeland*. Paper presented at the Expanding Documentary Conference, Massey University, Wellington.

Judge, P. (2006). *Far Off Town: The making of a rock documentary*. Presentation at Spark 06, Waikato Institute of Technology, Hamilton.

### **Higher Degree Awarded**

#### **Masterate**

Finlayson, J. (2006). *Creative Innovation in Music Video*. Master of Arts (2<sup>nd</sup> Class Honours, 1<sup>st</sup> Division) Thesis, University of Waikato, Hamilton, New Zealand.

#### **Postgraduate Diploma**

Nicholls, A. (2006). Bachelor of Media Arts Honours (1<sup>st</sup> class Honours). Waikato Institute of Technology, Hamilton.

### **Miscellaneous Scholarly Activity**

#### **Brief review articles/opinion pieces**

Meade, X. (2006). Voto x voto [Civil resistance]. In X. Meade (Ed.), *Comunicados zapatistas: The sixth, the power, civil resistance* (p. 3). Hamilton: Author.

Meade, X. (2006). El zapatismo: Una nueva vision y una nueva practica del poder [Zapatism: A new vision and a new practice of power]. In X. Meade (Ed.), *Comunicados zapatistas: The sixth, the power, civil resistance* (p. 14). Hamilton: Author.

#### **International seminars/workshops**

Meade, X. (2006, May). *Taller de diseño ecológico* [one week long ecodesign workshop]. Universidad modelo, Escuela de Diseño (School of Design), Mexico.

Meade, X. (2006, May). Ecodesign seminar. ISDI (Higher Institute of Industrial Design), Havana, Cuba.

Meade, X. (2006, May). Ecodesign seminar. Universidad de la Habana. Facultad de Artes y Letras (Havana University, Arts & Literature Faculty), Havana, Cuba.

### **New Zealand seminars/workshops**

Abo Ganis, J. (2006, May). *Art, Land, Taonga*. Presentation at May Matters, Seminar Series. Tauwi Group, Waikato Institute of Technology, Hamilton.

Meade, X. (2006, May). *Design ethics*. Seminar, Massey University School of Design, Albany, Auckland.

Meade, X. (2006). Subtitled and interpreted presentation by Flor de Lis Hernández López, from Havana, Cuba (including curating poster exhibition of Cuban posters).

### **New Zealand consultancies**

Abo Ganis, J. (2006, December). External examiner, Masterate. AUT, Auckland, New Zealand.

Esser-Hall, G. (2006). External examiner, MA Thesis Moderator, Whitecliffe College of Art, Auckland.

Sidwell, D. (2006). Performance moderator. Vision Leadership College, Hamilton, New Zealand.

Sidwell, D. (2006). External examiner, MA Theses, The University of Auckland, New Zealand.

### **Peer Esteem**

#### **Research-Related Awards/Fellowships/Prizes**

##### **National fellowships/awards/prizes**

Finlayson, J. (2006). *1985* [Music video]. Finalist in Kodak New Zealand, Music Video Awards.

Mitchell, D. (2006). Rita Angus/Massey University Artist-in-Residence recipient.

Nicholls, T. (2006, March). Awarded CIRC prize for best research.

### **Invited/Keynote Conference Addresses**

#### **International conference**

Meade, X. (2006, May). *La enseñanza del diseño ecológico en Aotearoa NZ: Ecodesign education in Aotearoa NZ*. Keynote address, Universidad Modelo, Escuela de Diseño (School of Design), Merida, Yucatan, Mexico.

### **Organising Conference/Curating Exhibition**

#### **New Zealand**

Curtis, M. (2006). *Obfuscation*. [Co-curated with Simon Nicholls]. Spark

Curtis, M. (2006). Fringe Festival, Hamilton: Wintec R Block.

Curtis, M. (2006). Member, Spark 06 Organising Committee.

Curtis, M. (2006). Designed and managed retail material for Spark 06.

#### **Local/regional**

Abo Ganis, J. (2006, December). Co-ordinator, End of Year Student and Graduate Exhibitions, School of Media Arts, Waikato Institute of Technology. Hamilton.

Abo Ganis, J. (2006). Co-ordinator, FAT Gallery, Student and Graduate Exhibition space, School of Media Arts, Waikato Institute of Technology. Hamilton.

Cook, D. (2006). Assistance with book project by Bachelor of Media Arts Wintec students, directed by Venetia Sherson, David Cook, Andrea Wilkinson. *Heritage Hamilton: a Celebration of the City's Historic Buildings*. Published by Wintec in Association with the Hamilton City Council.

Mandelberg, J. (2006). Curating end of year screening of moving image 2<sup>nd</sup> and 3<sup>rd</sup> Year student work. School of Media Arts, Waikato Institute of Technology.

Meade, X. (2006). Organisation of conference *El Cartel Cubano: The Cuban Poster*. Speaker Flor de Lis Hernández López from Havana, Cuba. Conference held at Hamilton: Waikato Museum.

- Meade, X. (2006). Organisation of conference *El Cartel Cubano: The Cuban Poster*. Speaker Flor de Lis Hernández López from Havana, Cuba. Conference held at Albany, Auckland: Massey University School of Design.
- Wilkinson, A. (2006). Assistance with book project by Bachelor of Media Arts Wintec students, art-directed graphics students. *Heritage Hamilton: a Celebration of the City's Historic Buildings*. Published by Wintec in Association with the Hamilton City Council.
- Williams, G. C. A. (2006). Assistance with Bachelor of Media Arts Honours Student Exhibition. Hamilton, Waikato Institute of Technology, School of Media Arts: Ramp Gallery.
- Winstone, L. (2006). Director, Ramp Gallery. School of Media Arts, Waikato Institute of Technology.
- Young S. (2006). Member, SPARK Committee organizing Spark06 conference. School of Media Arts, Waikato Institute of Technology, Hamilton.
- Young, S. (2006, August). Curating second year student photography exhibition entitled 'Space Light', FAT Gallery, School of Media Arts, Waikato Institute of Technology. Hamilton.

### **Appointments to Key Research, Industry, Professional, Community, Government or International Bodies**

#### **International bodies**

- Bannister, M. (2006). Appointed to the editorial board of *Genders Online*, [www.genders.org](http://www.genders.org), edited by Ann Kibbey.
- Bannister, M. (2006 - ongoing). Member, IASPM (International Association for the Study of Popular Music).
- Bannister, M. (2006 – ongoing). Member, APRA (Australasian Performing Rights Association).
- Esser-Hall, G. (2006). Member, American Society for Aesthetics.
- Esser-Hall, G. (2006). Member, AAANZ (Art Association of Australia and New Zealand).

## **Contribution to Research Environment**

### **Membership of Institutional or Faculty Research Committee**

Cook, D. (2006). Member, Research Sub-Committee for Faculty of Health, Arts and Social Sciences, Waikato Institute of Technology.

Moore, M. (2006). Member, Social History Advisory Committee, Waikato Museum of Art and History.

Moore, M. (2006). Member, Public Arts Committee for Hamilton City Council.

### **Generation of Externally-Funded Research**

#### **<\$50,000**

Mandelberg, J. (2006). *Caught in the Act, Lewis Morley: Theatre Photography 1960-1970*. Production/Research funding for documentary Film. Australia: Australian Film Commission.

### **Supervision of Student Research**

#### **Masters thesis**

Bannister, M. (2006). Supervision of student Vyonna Berryman-Conrad, MA Thesis: "How and to what extent are Maori musicians disadvantaged in the current local (Hamilton, NZ) music industry environment?", School of Media Arts, Waikato Institute of Technology.

Bannister, M. (2006). Supervision of student Ani Fourie, MA Thesis: "Body bits and creepy rooms: Signs of the Neo-Gothic in contemporary cinema and visual art", School of Media Arts, Waikato Institute of Technology.

Bannister, M. (2006). Supervision of student James Martell, MA Thesis: "Maori popular musical practise, Ethnic Jazz Fusion and World Music", School of Media Arts, Waikato Institute of Technology.

Bannister, M. (2006). Supervision of student Grant Mason, MA Thesis: "Jazz, Classical and Third Stream – a natural confluence?", School of Media Arts, Waikato Institute of Technology.

Bannister, M. (2006). Supervision of student Liam Ryan, MA Thesis: "Stratification and Appropriation: Articulating meanings in the rise of Afro American subcultures in Christchurch music 1960-1970", School of Media Arts, Waikato Institute of Technology.

Bannister, M. (2006). Supervision of student Carol Storey, MA Thesis: "Maori women songwriters: Indigenous roots and European influences", School of Media Arts, Waikato Institute of Technology.

Sidwell, D. (2006). Supervision of Master of Arts (Music) candidate James Martell. School of Media Arts, Waikato Institute of Technology, Hamilton.

Sidwell, D. (2006). Supervision of Master of Arts (Music) candidate Vyonna Berryman-Conrad. School of Media Arts, Waikato Institute of Technology, Hamilton.

Sidwell, D. (2006). Supervision of Master of Arts (Music) candidate Liam Ryan. School of Media Arts, Waikato Institute of Technology, Hamilton.

Sidwell, D. (2006). Supervision of Master of Arts (Music) candidate Carol Storey. School of Media Arts, Waikato Institute of Technology, Hamilton.

Sidwell, D. (2006). Supervision of Master of Arts (Music) candidate Grant Mason. School of Media Arts, Waikato Institute of Technology, Hamilton.

### **Postgraduate investigation**

Bannister, M. (2006). Supervision of student Paul Atkins, Honours Essay: "Semiotics and TV commercial soundtracks", School of Media Arts, Waikato Institute of Technology.

Bannister, M. (2006). Supervision of student Joe Citizen, Honours Essay: "What is Moving Image? Narrative versus Spectacle, with particular reference to Jean Baudrillard", School of Media Arts, Waikato Institute of Technology.

Bannister, M. (2006). Supervision of student Imelda Lim, Honours Essay: "Postmodernism and Manga", School of Media Arts, Waikato Institute of Technology.

Bannister, M. (2006). Supervision of student Kent Walsdorf, Honours Essay: "Meaning and Meyer in Popular Music", School of Media Arts, Waikato Institute of Technology.

Cook, D. (2006). Supervision of student, Aisha Roberts (photography), investigation for BMA Honours. School of Media Arts, Waikato Institute of Technology.

Esser-Hall, G. (2006). Supervision of Honours student (graphic design) dissertation, Janet Liu, School of Media Arts, Waikato Institute of Technology.

Esser-Hall, G. (2006). Supervision of Honours student (painting) dissertation, Ruth Hickman, School of Media Arts, Waikato Institute of Technology.

Gardener, D. (2006). Supervision of Jing Ling. Honours supervisor to Wintec's Honours Programme, School of Media Arts, Waikato Institute of Technology.

Mandelberg, J. (2006). Supervision of Honours student (moving image) Joe Citizen. School of Media Arts, Waikato Institute of Technology.

Williams, G. C. A. (2006). Supervision of Bachelor of Media Arts Honours candidate Corinne Brannon. School of Media Arts, Waikato Institute of Technology, Hamilton.

## **Faculty Office, Health, Arts & Social Science**

### **Research Outputs**

#### **Creative Outputs**

##### **International professionally curated group exhibition (multiple works)**

Reynolds, C. K. (2006, May). Journeys. [Curated by Leonard Freed & Helen Wright]. New York, USA: Wild Wood Gallery.

##### **National professionally curated group exhibition at major venue**

Reynolds, C. K. (2006, August). National Contemporary Art Awards. [Curated by Mercedes Vincente]. Hamilton: Waikato Museum.

### **Peer Esteem**

#### **Organising conference/curating exhibition**

##### **International**

Reynolds, C. K. (2006, August 21-25). Chair, 8<sup>th</sup> annual conference: SPARK 06 International Festival of Arts, Media & Design, Wintec, Hamilton.

#### **Appointments to Key Research, Industry, Professional, Community, Government or International Bodies**

##### **New Zealand bodies**

Reynolds, C. K. (2006). Member, New Zealand Ministry of Research Science & Technology and Creative New Zealand: SMASH Palace Advisory Committee.

##### **Local/regional bodies**

Reynolds, C. K. (2006). Member, Hamilton City Council Art Sector Reference Group. Hamilton

Reynolds, C. K. (2006). Member, Waikato Museum Visual Arts Advisory Board, Hamilton

## **Contribution to Research Environment**

### **Membership of Research Collaborations and Consortia**

Reynolds, C. K. (2006). Member, CIRANZ: Creative Industries Research Aotearoa New Zealand

### **Membership of Institutional or Faculty Research Committees**

Reynolds, C. K. (2006). Chair & Member, Faculty of Health Arts & Social Science Research Committee, Wintec

Reynolds, C. K. (2006). Member, Wintec Research Strategy & Management Group, Wintec

### **Coordinator/Director of a Research Centre/Syndicate**

Reynolds, C. K. (2006). Director, Creative Industries Research Centre, Wintec

### **Generation of Externally-Funded Research**

#### **<\$50,000**

Reynolds, C. K. (2006). *Spark 06*: Creative New Zealand.

Reynolds, C. K. (2006). *Spark 06*: University of Waikato.

Reynolds, C.K. (2006). *Lake of Coal*: MC&H Lotteries.

Reynolds, C.K. (2006). *Lake of Coal*: Trust Waikato.

## **Te Toi a Kiwa: Māori Pasifika & Indigenous Studies**

### **Research Outputs**

#### **Books/Monographs (Edited) Textbooks**

##### **New Zealand Publisher**

Papesch, T., Stirling, T., Williams, K., Dixon, M., Temara, P., & Reedy, M. (2006, December). *Kapa Haka – He Tohu Whenua Rangatira. Guidelines for Judging Kapa Haka*. Wellington, NZ: Te Matatini.

#### **Chapters in Books**

##### **New Zealand publication**

Papesch, T. (2006). Kapa Haka. In M. Mulholland (Ed.), *State of the Maori nation: 21<sup>st</sup> century issues in Aotearoa* (pp. 33-39). Auckland, NZ: Reed Publishing NZ.

#### **Papers in Periodicals/Journals**

##### **International journal: refereed papers**

Taitoko, M. (2006, August). Co-author of article Keeping our fire alive: Towards decolonising research in the academic setting. *WINHEC Journal*: [www.win-hec.org](http://www.win-hec.org) accessed 09.08.07.

### **Creative Outputs**

#### **National performance of composition**

Anderson, H., Oxenham, T., Taitoko, M., Turner, N., & Waitai, O. (2006, June). (Co-performers) Audio CD: *'Pupuke te hihiri'*.

Waretini-Karena, D. (2006, March). Music video: *'Shake'*.

Waretini-Karena, D. (2006, June). Audio CD single: *'Te Whiuwhiu o te Hau'*.

Williams, R. (2006, June). Audio CD: *'Pupuke te hihiri'*.

## **Conference Presentations**

### **Unpublished conference presentation**

Elkington, J. (2006, September). *Kaupapa Māori supervision model*. Nelson. Te Whāriki Tautoko Hui-ā-iwi.

Papesch, T. (2006, September). *Mā pango, mā whero e oti ai te mahi. Working collaboratively for Māori development*. CPIT. Te Taura Matariki Conference.

### **Reports to External Bodies**

Harry, K., & Kalavite, T. (2006). Report for Wintec: *Engagement of key stakeholder groups with the tertiary education system*.

### **Miscellaneous Scholarly Activity**

#### **Brief review articles/opinion pieces**

Elkington, J. (2006, August). Submission piece to Parliament against Treaty Deletions Bill.

Taitoko, M. (2006, May). E-portfolio contribution to Malama Hawai'i of Kapi'olani Community College, University of Hawai'i.

#### **International seminars/workshops**

Taitoko, M. (2006, September). *Māori Culture*. Workshop with Nā Hoa Alaka'i of Kapi'olani Community College, University of Hawai'i, Honolulu, Hawai'i.

#### **New Zealand seminars/workshops**

Oxenham, T. (2006, March). *The translating of Moodle*. Māori E-learning video conference workshop.

## **Peer Esteem**

### **Invited editorial**

#### **National Journal**

Harry, K. (2006, December). Rātana Pā: A pleasant and stimulating experience in health promotion. Invited editorial, *Newsletter of Health Promotion Forum of New Zealand – Rūnanga Whakapiki ake i te Hauora o Aotearoa*, 72, 3 – 4.

### **Organising conference/curating exhibition**

#### **New Zealand**

Papesch, T. (2006, September). Invited Kapa Haka Judge. National Secondary Schools Kapa Haka Competition. Tainui.

#### **Local/regional**

Papesch, T. (2006). Invited Kapa Haka Judge. Tāmaki-makaurau (March), Tainui (June), Waitaha (October), Ōtepoti (November).

## **Contribution to Research Environment**

### **Generation of Externally-Funded Research**

#### **\$50,000-\$99,999**

Oxenham, T., Waitai, O., & Williams, R. (2006/07). '*Mā te huruhuru ka rere te manu*'. Ministry of Education research fund.

# **CORPORATE**

## **Wintec Executive**

### **Contribution to the Research Environment**

#### **Generation of Externally-Funded Research**

##### **\$50,000 - \$99,999**

White, H. (2006). Te Ako o te Ora (Ma te huruhuru ka rere te manu). A two year project funded by the Ministry of Education.

## **Centre for Learning Technologies**

### **Research Outputs**

#### **Conference Presentations**

##### **Unpublished conference presentation**

Clayton, J., & Gibbison, T. (2006, July). *Re-Using digital objects in Moodle*. Paper presented at Moodle Moot Conference, Wellington, New Zealand.

FitzPatrick, J. (2006, July). *Pimp my Moodle*. Paper presented at Moodle Moot Conference, Wellington, New Zealand.  
<http://moodle moot.org.nz/moodle/course/view.php?id=6&topic=13>

Gibbison, T., & Clayton, J. (2006, July). *Schoodle and iTOC initiatives*. Paper presented at Moodle Moot Conference, Wellington, New Zealand.

Mason, M. A. (2006, April). *e-Tivities for e-Learning*. Paper presented at 7th Annual e-Learning Forum 'Ideas in Motion', Sharjah University, Dubai, United Arab Emirates.

#### **Reports to External Bodies**

Clayton, J., & Gibbison, T. (2006, June). Dissemination and creation of Learning Communities Team report. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (pp. 95-100). Hamilton: Wintec.

FitzPatrick, J., Jones, L., & Haysom, L. (2006, June). Interface and Moodle developments. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (pp. 51-56). Hamilton: Wintec.

FitzPatrick, J., & Haysom, L. (2006, June). Xchange and object module – solutions for smaller institutions. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (pp. 135-141). Hamilton: Wintec.

FitzPatrick, J. (2006, June). Webstock 2006. In J. Clayton & B. Gower (Eds.), Appendices to the Final Report. Part A. E-Learning Capability Development Fund *Open Source Learning Object Repository* (pp. 169-171). Hamilton: Wintec

- Gibbison, T. (2006, June). Creation and modification of content using eXe report. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (pp. 142-143). Hamilton: Wintec.
- Gibbison, T. (2006, June). Creation and modification of content using Reload report. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (pp. 144-145). Hamilton: Wintec.
- Gibbison, T. (2006, June). Technical Team Appendix – Learning Object Repository evaluation - Commonwealth of Learning. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (Appendix A, pp. 26-30). Hamilton: Wintec.
- Gibbison, T. (2006, June). Technical Team Appendix – Digital Library building tool - Greenstone. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (Appendix A, pp. 31-32). Hamilton: Wintec.
- Gibbison, T. (2006, June). Presentations Appendix – Promoting Open Source Software in e-Learning presentation. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (Appendix B, pp. 83-84). Hamilton: Wintec.
- Gibbison, T. (2006, June). Designing the Online Courses Appendix – Designing the Online Courses eXe: Tips and Tricks and Modifying eXe: Tips and Tricks. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (Appendix B, pp. 91-95). Hamilton: Wintec.
- Gibbison, T. (2006, June). Creation and modification of content using Reload Appendix – designing the online courses Reload: Tips and tricks and modifying Reload: Tips and tricks. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (Appendix B, pp. 96-101). Hamilton: Wintec.
- Gibbison, T., Paulson, C., & Maxwell, J. (2006, June). Creation and modification of content using Reload Appendix – Reload metadata field information for SCORM Packages. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (Appendix B, pp. 102-104). Hamilton: Wintec.
- Gower, B., Saravani, S-J., Gibbison, T., Fitzpatrick, J., & Clayton, J. (2006, June). Professional Development Team report. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (pp. 82-94). Hamilton: Wintec.

Oxenham, T., O'Callaghan, R., Rata, N., & Williams, T. (2006, June). Translation report. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (pp. 74-81). Hamilton: Wintec.

Williams, T. (2006, June). Using EPrints. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (pp. 127-134). Hamilton: Wintec.

Williams, T., Gibbison, T., Haysom, L., & Catalyst (2006, June). Evaluation of Learning Object Repositories report. In J. Clayton & B. Gower (Eds.), Final Report E-Learning Capability Development Fund *Open Source Learning Object Repository* (pp. 95-100). Hamilton: Wintec.

### **Miscellaneous Scholarly Activity**

#### **International seminars/workshops**

Mason, M. A. (2006, April) *e-Tivities for e-Learning*. Presentations at: Al-Huda Private School, Muscat, Oman, UAE; Salalah Girls' High School, Salalah, Oman, UAE; Zayed University, Abu Dhabi, UAE; Zayed University, Dubai, UAE; Dubai Women's College, Higher Colleges of Technology, Dubai, UAE

#### **New Zealand seminars/workshops**

Clayton, J., & Gibbison, T. (2006, September). *Xchange: Creating an environment to share learning objects*. Workshop, ULearn06 Conference, Christchurch, New Zealand.

Henson, M., Gibbison, T., & Fitzpatrick, J. (2006, July). *Introduction to using Moodle 1*. Moodle Moot Workshop, Wellington, New Zealand.

## **Curriculum Factory**

### **Research Outputs**

#### **Conference Presentations**

##### **Unpublished conference presentation**

Lawrence, R. H. (2006, October). *Visual Syntactic Text Formatting and ESOL (English for Speakers of Other Languages) learners*. Paper presented at the Wintec 2006 Symposium: Open access, open source: Empowering people, empowering learning, Waikato Institute of Technology, Hamilton.

Robinson, D. (2006, October). *Writing strategies and ESOL (English for Speakers of Other Languages) learners*. Paper presented at the Wintec 2006 Symposium: Open access, open source: Empowering people, empowering learning, Waikato Institute of Technology, Hamilton.

##### **Reports to External Bodies (excluding milestone reports)**

Robinson, D., & Wyborn, C. J. (2006, August). *Report on the Vital English IELTS Trials: Wintec, May / June 2006*. Report to Vital English, Ltd. Auckland.

##### **Miscellaneous Scholarly Activity**

##### **New Zealand seminars/workshops**

Wyborn, C. J. (2006, August). *Where are my students? Writing ESOL materials for the online environment*. Paper presented at Department of General and Applied Linguistics' Seminar Series, University of Waikato, Hamilton.

## **Centre for Research into Emerging Learning & Teaching Technologies**

### **Research Outputs**

#### **Published refereed international conference proceedings**

Clayton, J. (2006, April 18-20). Describing learning objects: Seeking simple solutions. In C. Ho (Ed.), *Proceedings of Technology, Colleges & Community Worldwide Online Conference 2006, Voyaging into a New Decade!* (pp. 84-87). Honolulu, HI: TCC.

Clayton, J. (2006, April 18-20). Learning Objects: Seeking simple definitions, a New Zealand experience. In C. Ho (Ed.), *Proceedings of Technology, Colleges & Community Worldwide Online Conference 2006 Voyaging into a New Decade!* (pp. 46-51). Honolulu, HI: TCC.

Clayton, J. (2006, September 5-7). Learning Objects: Seeking simple solutions for students and staff: A New Zealand experience. In D. Whitelock & S. Wheeler (Eds.), *ALT-C: The Next Generation: Research Proceedings of the 13<sup>th</sup> Association for Learning Technology Conference* (pp. 153-163). Heriot-Watt University, Edinburgh, Scotland, UK.

#### **Published refereed New Zealand conference proceedings**

Clayton, J. (2006, July 3-5). Researching students' perceptions of digital content using a perceptual measure. In B. Anderson (Ed.), *Proceedings of Distance Education Association of New Zealand Biennial Conference Enabling E-Learning Approaches in C21*. (Available on CD-Rom). Auckland University of Technology (AUT), Auckland.

#### **Published non-refereed conference proceedings**

Clayton, J. (2006, July 3-4). Re-using digital objects in Moodle. Presentation at the *Moodle Moot New Zealand* Kelburn Campus Victoria University, Wellington. Retrieved 14<sup>th</sup> July 2006, Moodle Moot, Presentations URL <http://moodlemoot.org.nz/moodle/>.

#### **Unpublished conference presentation**

Clayton, J. (2006, September 5-7). *Students' perceptions of the Moodle learning environment: An exploratory study*. Poster presented at ALT-C: The Next Generation the 13<sup>th</sup> Association for Learning Technology Conference, Heriot-Watt University, Edinburgh, Scotland, U.K.

Clayton, J. (2006, September 10-12). *What is a learning object?* Poster presented at the IPED Conference: Pedagogic Research and Academic Identities, Coventry University, England.

Clayton, J. (2006, September 28-29). Increasing research outputs using a learning management system. Paper presented at 4<sup>th</sup> Biennial ITPNZ Research Conference: *Research that works: Linking research to teaching and learning*, EIT, Napier.

Clayton, J. (2006, September 28-29). *How institutions could use PBRF evidence portfolios to create a research culture*. Paper presented at 4<sup>th</sup> Biennial ITPNZ Research Conference: *Research that works: Linking research to teaching and learning*, EIT, Napier.

### **Reports to External Bodies (excluding milestone reports)**

Clayton, J., & Gower, B. (2006). *Open Source Learning Object Repository. Final report*. Report to the Tertiary Education Commission (e-Learning Collaborative Development Fund).

Clayton, J., & Gower, B. (2006). *Open Source Learning Object Repository. Appendices to the Final Report: Part A*. Report to the Tertiary Education Commission (e-Learning Collaborative Development Fund).

Clayton, J., & Gower, B. (2006). *Open Source Learning Object Repository. Appendices to the Final Report: Part B*. Report to the Tertiary Education Commission (e-Learning Collaborative Development Fund).

Clayton, J. (2006). Executive Summary. In J. Clayton & B. Gower (Eds.), *Open Source Learning Object Repository. Final report*. Report to the Tertiary Education Commission (e-Learning Collaborative Development Fund), (pp. 5-46).

Clayton, J. (2006). Collaborating Institutional and Organisational Report. In J. Clayton & B. Gower (Eds.), *Open Source Learning Object Repository. Final report*. Report to the Tertiary Education Commission (e-Learning Collaborative Development Fund), (pp. 101-121).

Clayton, J. (2006). Defining learning objects: The OSLOR view. In J. Clayton & B. Gower (Eds.), *Open Source Learning Object Repository. Final report*. Report to the Tertiary Education Commission (e-Learning Collaborative Development Fund), (pp. 121-127).

Clayton, J. (2006). The development of a perceptual measure to gauge students' perceptions of digitally-presented material. In J. Clayton & B. Gower (Eds.), *Open Source Learning Object Repository. Final report*. Report to the Tertiary Education Commission (e-Learning Collaborative Development Fund), (pp. 160-173).

## **Miscellaneous Scholarly Activity**

### **International seminars/workshops**

Clayton, J. (2006, September 10-12). *Re-using digital objects and the evaluation of online learning environments?* Workshop presented at the IPED Conference: Pedagogic Research and Academic Identities, Coventry University, England.

Clayton, J. (2006, September 5-7). *Re-using digital media in an open source learning environment based on Moodle.* Workshop presented at ALT-C: The Next Generation the 13<sup>th</sup> Association for Learning Technology Conference, Heriot-Watt University, Scotland.

### **New Zealand seminars/workshops**

Clayton, J. (2006, September 27-29). *Introduction to structuring content for distributed learning.* Workshop presented at E-Fest Moving Learning Conference, ITP New Zealand, Wellington.

Clayton, J. (2006, October 14). *Creating a community of practice in Moodle.* Presentation at Wintec Symposium: Open access, open source: Empowering people, empowering learning, Waikato Institute of Technology, Hamilton.

Iwata, J. (2006, October 14). *e-Learning in Japanese tertiary education and WBT for TEFL at MNCT.* Presentation at Wintec Symposium: Open access, open source: Empowering people, empowering learning, Waikato Institute of Technology, Hamilton.

Iwata, J. (2006, November 28). *Introduction to Matsue National College of Technology.* Presentation at TEAL Library Managers Meeting, Waikato Institute of Technology, Hamilton.

Iwata, J. (2006, December 8). *Introduction to Matsue National College of Technology and Research on the use of ICT in TEFL.* Presentation at Research Meeting, Waiariki Institute of Technology, Rotorua.

## **Peer Esteem**

### **Editorial Board Membership**

#### **International journal**

Clayton, J. (2006). Peer Review Panel, International Journal of Education and Development. ISSN: 1814-0556 (Link [http://ijedict.dec.uwi.edu/policies.php#other\\_3](http://ijedict.dec.uwi.edu/policies.php#other_3) )

## **Research-Related Awards/Fellowships/Prizes**

### **National fellowships/awards/prizes**

Clayton, J. (2006). Awarded Research Leadership Award. Waikato Institute of Technology.

### **Invited/Keynote Conference Address**

#### **New Zealand conference**

Dougiamas, M., Wyles, R., Clayton, J., Langhoff, M., & Mealar, S. (2006, July 3-4). *Open Source systems and solutions*. Guest panel presentation at the *Moodle Moot New Zealand*, Kelburn Campus Victoria University, Wellington. Retrieved 14<sup>th</sup> July 2006, Moodle Moot, Presentations URL <http://moodlemoot.org.nz/moodle/>

Clayton, J. (2006, July 5–7). *Wintec's research repository*. Interactive presentation at the ITPNZ Libraries Forum Conference, Whitireia Community Polytechnic, Porirua.

#### **Local/regional conference**

Clayton, J. (2006, August 4). *Learning objects and presentation of content - practical examples from the Open Source Learning Object Repository Project*. Invited presentation to the General and Applied Linguistics Symposium, Waikato University, Hamilton.

### **Reviewing Research Proposal/Conference Proposal/Exhibition**

#### **Reviews of international conference papers/exhibition proposals**

Clayton, J. (2006). Peer Review Panel, ALT-C: The Next Generation: Research Proceedings of the 13<sup>th</sup> Association for Learning Technology Conference, Heriot-Watt University, Scotland.

### **Organising conference/curating exhibition**

Clayton, J., & Saravani, S. (2006). Organiser, Wintec Symposium: Open access, open source: Empowering people, empowering learning, Waikato Institute of Technology, Hamilton.

## **Appointments to Key Research, Industry, Professional, Community, Government or International Bodies**

### **New Zealand bodies**

Clayton, J. (2006). Member, Ministry of Education of New Zealand Tertiary e-Learning Reference Group.

Clayton, J. (2006). Project leader, 2005/06 round of the e-learning Collaborative Development Funded project, the Open Source Learning Object Repository (Tertiary Education Commission e-learning Collaborative Development Funded project; Project Lead The Waikato Institute of Technology).

Clayton, J. (2006). Member, board of directors of e-Learnz: New Zealand consortium for e-Learning.

Clayton, J. (2006). Member, e-learning advisory forum of the Institutes of Technology and Polytechnics of New Zealand.

## **Contribution to Research Environment**

### **Membership of Research Collaborations and Consortia**

#### **New Zealand (outside Wintec)**

Clayton, J. (2006). Member of the advisory board for the 2005/06 round of the e-learning Collaborative Development Funded project the Open Source Virtual Learning Environment (Tertiary Education Commission e-learning Collaborative Development Funded project; Project Lead The Open Polytechnic).

Clayton, J. (2006). Member of the advisory board for the 2005/06 round of the Flexible Learning Leaders in New Zealand project (Tertiary Education Commission e-learning Collaborative Development Funded project; Project Lead Waikato University).

### **Membership of Institutional or Faculty Research Committee**

Clayton, J. (2006). Member, research committee for the Faculty of Health, Arts & Social Science, Waikato Institute of Technology.

### **Co-ordinator/Director of a Research Centre/Syndicate**

Clayton, J. (2006). Co-ordinator, Centre for Research in Emerging Learning and Teaching Technologies.

## **Generation of Externally-Funded Research**

### **>\$100,000**

Clayton, J. (2006). Project leader, 2005/06 round of the e-learning Collaborative Development Funded project the Open Source Learning Object Repository (Tertiary Education Commission e-learning Collaborative Development Funded project; Project Lead The Waikato Institute of Technology).

## **Library**

### **Research Outputs**

#### **Papers in Periodicals/Journals**

##### **Journal: non-refereed papers**

Gibbons, J. M. (2006). Five go to Somerset House, or, Who were the Famous Five? *Reading Forum NZ, the Official Journal of New Zealand Reading Association* 20(3), 30-38.

#### **Conference Presentations**

##### **Unpublished conference presentation**

Clark, S. A. (2006, July). *History of the mystery*. Paper presented at the Waikato/Bay of Plenty LIANZA Weekend School, Tongariro.

Gibbons, J. M. (2006, July). *Recent award winning picture books*. Paper presented at the Waikato/Bay of Plenty LIANZA Weekend School, Tongariro.

Gibbons, J. M. (2006, August). *New Zealand history through picture books*. Paper presented at the Waikato Children's Literature Association Historical Fiction Seminar, Hamilton.

Harlow, S. R. (2006, September). *2006: A library iPodyssey*. Paper presented at eFest Moving Learning 2006 Conference, Wellington.

Harlow, S. R. (2006, October). *Surfing the information tsunami: Using RSS to manage your information*. Paper presented at the Next Generation Libraries LIANZA Conference 2006, Wellington.

Saravani, S. A. (2006, July). *A divine comedy: From mayhem to metadata*. Paper presented at the Distance Education Association of NZ (DEANZ) 2006 Conference, AUT, Auckland.

Saravani, S. A. (2006, July). *Developing consortia for a shared library management system*. Paper presented at the ITPNZ Libraries Forum, Whitireia Community Polytechnic, Porirua.

Saravani, S. A. (2006, September). *Metadata – a moveable feast*. Paper presented at eFest Moving Learning 2006 Conference, Wellington.

Williams, J. M. (2006, August). *Pūnaha Pānui Kōrero – Information Literacy through the medium of Te Reo Māori me ōna tikanga*. Paper presented at the Māori Tertiary Education Alliance Libraries Focus Group Meeting, Bay of Plenty Polytechnic, Tauranga.

Williams, J. M. (2006, October). *Pūnaha Pānui Kōrero – Information Literacy through the medium of Te Reo Māori me ōna tikanga*. Paper presented at the Next Generation Libraries LIANZA Conference 2006, Wellington.

### **Reports to External Bodies**

Saravani, S. A. (2006, June). Literature review. In J. Clayton & B. Gower (Eds.), *Final Report E-Learning Capability Development Fund Open Source Learning Object Repository* (pp. 151-159). Hamilton: Wintec.

Saravani, S. A. (2006, June). Integration and Metadata Team Appendix – Integration of library resources (information environment) into the e-learning environment. In J. Clayton & B. Gower (Eds.), *Final Report E-Learning Capability Development Fund Open Source Learning Object Repository* (Appendix A, pp. 46-47). Hamilton: Wintec.

Saravani, S. A. (2006, June). Integration and Metadata Team Appendix- report on VALA2006 Conference. In J. Clayton & B. Gower (Eds.), *Final Report E-Learning Capability Development Fund Open Source Learning Object Repository* (Appendix A, pp. 77-81). Hamilton: Wintec.

Saravani, S. A. (2006, June). Integration and Metadata Team Appendix- designing online courses for professional development, Metadata Made Simple. In J. Clayton & B. Gower (Eds.), *Final Report E-Learning Capability Development Fund Open Source Learning Object Repository* (Appendix A, pp. 82-91). Hamilton: Wintec.

Saravani, S. A. (2006, June). Presentations Appendix – Divine comedy – abstract and presentation. In J. Clayton & B. Gower (Eds.), *Final Report E-Learning Capability Development Fund Open Source Learning Object Repository* (Appendix B, pp. 63-70). Hamilton: Wintec.

Saravani, S. A. (2006, June). Presentations Appendix – Making metadata matter. In J. Clayton & B. Gower (Eds.), *Final Report E-Learning Capability Development Fund Open Source Learning Object Repository* (Appendix B, pp. 71-75). Hamilton: Wintec.

Saravani, S. A., & Paulsen, C. (2006, June). Integration and Metadata Team report. In J. Clayton & B. Gower (Eds.), *Final Report E-Learning Capability Development Fund Open Source Learning Object Repository* (pp. 57-73). Hamilton: Wintec.

Saravani, S. A., & Paulsen, C. (2006, June). Integration and Metadata Team Appendix – metadata application profile suitable to support the Open Source Learning Object Repository. In J. Clayton & B. Gower (Eds.), *Final Report E-Learning Capability Development Fund Open Source Learning Object Repository* (Appendix A, pp. 48-76). Hamilton: Wintec.

## **Miscellaneous Scholarly Activity**

### **New Zealand seminars/workshops**

Clark, S. A. (2006, October). *Information Literacy@Wintec*. 7<sup>th</sup> Tertiary Education Alliance Libraries Information Literacy Seminar, Tairāwhiti Polytechnic, Gisborne.

Gibbons, J. M. (2006, May). *New Zealand Post Children's Book Awards*. Paper presented at the Waikato Children's Literature Association, Hamilton.

Gibbons, J. M. (2006, May). *Recent award winning picture books*. Paper presented at the Waikato Children's Literature Association, Hamilton.

Saravani, S. A. (2006, February). *Metadata made simple*. Workshop presented at the joint CLT/Library learning management systems seminar, LMS<sup>2</sup>, Wintec, Hamilton.

Saravani, S. A., & Clayton, J. F. (2006, October). *The democratisation of information – Learning Objects: A hands-on approach*. Workshop presented at Next Generation Libraries LIANZA 2006 Conference, Wellington.

## **Peer Esteem**

### **Editorial Board Membership**

#### **New Zealand journal**

Gibbons, J. M. (2006). Editor, *Reading Forum NZ, the Official Journal of the New Zealand Reading Association*.

## **Organising conference/curating exhibition**

### **Local/regional**

Clark, S. A. (2006, February). Member, organising committee, joint CLT/Library learning management systems seminar, LMS<sup>2</sup>, Wintec, Hamilton.

Saravani, S. A. (2006, February). Member, organising committee, joint CLT/Library learning management systems seminar, LMS<sup>2</sup>, Wintec, Hamilton.

## **Appointments to Key Research, Industry, Professional, Community, Government or International Bodies**

### **International bodies**

Saravani, S. A. (2006). Member, IT-019-01 Australia/ New Zealand Standards sub-committee on Information Technology for Learning, Education, and Training.

### **Local/regional bodies**

Gibbons, J. M. (2006). Acting Regional Chair, LIANZA, June-August 2006.

Gibbons, J. M. (2006). Regional Chair, LIANZA, August 2006.

## **Contribution to Research Environment**

### **Membership of Institutional or Faculty Research Committee**

Saravani, S. A. (2006). Member, Research Strategy Management Group. Wintec, Hamilton

## **Quality & Academic Unit**

### **Research Outputs**

#### **Conference Presentations**

##### **Published refereed international conference proceedings**

Reinecke, E. M. (2006, December 4-6). *Beyond academic quality*. Proceedings of the 11<sup>th</sup> World Conference for Total Quality Management, [CD]. Wellington.

##### **Published refereed New Zealand conference proceedings**

Reinecke, E. M. (2006, July). Beyond academic quality. *Proceedings of the Association for Tertiary Education Management (ATEM) Conference*, Tauranga. (p.14).

Roodt, J. J. (2006, July). Change to survive or survive to change? *Proceedings of the Association for Tertiary Education Management (ATEM) Conference*, Tauranga. (p. 17).

## **Tertiary Study Skills Centre**

### **Research Outputs**

#### **Conference Presentations**

##### **Unpublished conference presentation**

Cartner, M. (2006, November). *The history of providing literacy/foundation/learning support in Aotearoa/NZ*. Workshop presented at the Association of Tertiary Learning Advisors of Aotearoa/New Zealand (ATLAANZ) Conference, Bay of Plenty Polytechnic, Tauranga  
<http://www.atlaanz.org/conference/Finalatlaanz06.pdf>

### **Peer Esteem**

#### **Organising Conference/Curating Exhibition**

##### **National**

Kalavite, T. (2006, July). Chairperson, organising committee for the Annual New Zealand Tertiary Tongan Student Association (NZTTSA) Conference, Hamilton.

#### **Appointments to Key Research, Industry, Professional, Community, Government or International Bodies**

##### **New Zealand bodies**

Kalavite, T. (2006). Elected National President of the New Zealand Tertiary Tongan Student Association (NZTTSA).

### **Contribution to Research Environment**

#### **Membership of Research Collaborations and Consortia**

##### **New Zealand**

Cartner, M. (2006). Member, Waikato/BOP Cluster of Learning For living Phase I and Phase II, Ministry of Education, New Zealand.

Hoogland, H. (2006). Member, Waikato/BOP Cluster of Learning For Living Phase I and Phase II, Ministry of Education, New Zealand.

Oxenham, T. (2006). Member, Ma te huruhuru ka rere te manu - Māori literacy in foundation programmes, Ministry of Education, New Zealand.

Tahana, M. (2006). Member, Ma te huruhuru ka rere te manu - Māori literacy in foundation programmes, Ministry of Education, New Zealand.

## **List of Contributors 2006**

### **Faculty of Business & Technology**

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