

## **FACULTY OF ARTS & SOCIAL SCIENCES**

	<b>PAGE</b>
FRENCH	2
ENGLISH	3
PSYCHOLOGY	4-5
SOCIETIES & CULTURES/PUBLIC POLICY	6-7
HISTORY	8-9
MUSIC	10
LINGUISTICS	11
POPULATION STUDIES	12-13

## **FACULTY OF EDUCATION**

	<b>PAGE</b>
PROFESSIONAL EDUCATION	14-15
ARTS & LANGUAGE EDUCATION	16-17
EARLY YEARS EDUCATION	18
EDUCATION/READING/LITERACY	19

## **FACULTY OF LAW**

	<b>PAGE</b>
LAW	20-21

## **WAIKATO MANAGEMENT SCHOOL**

	<b>PAGE</b>
STRATEGY & HUMAN RESOURCE MANAGEMENT	22
MANAGEMENT COMMUNICATION	23-25
MANAGEMENT SYSTEMS	26
ACCOUNTING	27
ECONOMICS	28-29

**FRENCH**

<b>FIELD:</b> French	<b>TITLE:</b> Summary & Analysis of Marist Mission letters from Tonga, Samoa & Fiji, 1837-1854	<b>SUPERVISOR(S):</b> Dr William Jennings	<b>PROJECT #</b> <b>1</b>
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**ABSTRACT:**

Marist missionaries arrived in the Pacific in 1837 aiming to convert the indigenous people of the region to Catholicism. They established missions in Tonga, Samoa and Fiji among other places. Their letters to France over a seventeen-year period give a fresh perspective of Pacific history and culture. They include descriptions of contemporary events and people as well as cultural practices and Pacific mythology. The letters have recently been published in their original French, and funding to translate and comment them is being organised. This Summer Research Project will involve preparing a summary of the content of the letters and signalling important letters for translation. It would be an excellent stepping-stone into a graduate study on a related topic. A similar summary of the Marists' New Zealand letters has already been prepared for publication, so the successful applicant will have a model to follow.

**APPLICANTS:**

- Ability to read French (good grades in French 300-level papers, preferably with overseas study in a French-speaking country).
- Some knowledge of Pacific culture or history would be an advantage

**EXPECTED OUTCOMES OF PROJECT:**

- The past two Summer Research Scholarships have resulted in the following work: An English Summary of the Letters Reques d'Océanie, Volume 1, Letters from New Zealand. Compiled by Kate Logan and Anya Sherwen, Edited by William Jennings, 2010. The book is 192 pages long and has just been prepared for publication. Final permission for publication from the copyright holders of the Letters Reques d'Océanie is pending.
- This Summer Research Scholarship will be a substantial contribution to Vol. 2 in the series: Tonga, Samoa and Fiji.
- I have given two conference papers (with a third coming in June 2010) on topics derived from the Marists' correspondence. An 8,500-word article on travel writing in the Marists' correspondence will appear later this year in a UK journal. Another article is being prepared for submission to the Journal of the Polynesian Society. In all this research, the English summary has been an invaluable tool in the sifting of data from 8,000 pages of Marist correspondence.

## ENGLISH

<b>FIELD:</b> English Literature	<b>TITLE:</b> Past and Present: Research New Zealand Literature	<b>SUPERVISOR(S):</b> Dr Kirstine Moffat	<b>PROJECT #</b> 2
<p><b>ABSTRACT:</b></p> <p>This project has two phases, both related to the field of New Zealand literature. The first phase focuses on contemporary publications, while the second phase has a historical focus.</p> <p>The first phase (which should take five of the ten weeks) involves the preparation of a bibliography of creative and critical material published in in 2010 and relating to New Zealand literature. This bibliography will be published in The Journal of Commonwealth Literature, 46.4 (2011). The student researcher will be the co-author of this publication and will thus gain a research output in a prestigious refereed journal as well as valuable research skills.</p> <p>The preparation of the bibliography will involve identifying and searching relevant databases (such as Index New Zealand, MLA). It will also involve finding and searching publications with listings and reviews of New Zealand publications, such as the National Library Record, New Zealand Books, The New Zealand Listener, Landfall, The Journal of New Zealand Literature. These research tools will be of benefit to students embarking on graduate study. The student will then assist in the preparation of a bibliography of New Zealand Literature for 2010. This will involve the establishing of criteria for the inclusion of material in the bibliography. Questions to consider will be: relevance to the field of New Zealand literature, quality of material, publication source. It will also involve the appropriate formatting and meticulous checking of the bibliography. The student research will gain useful citation skills that will equip them for graduate study.</p> <p>The second phase of the research project (which should take five of the ten weeks) relates to assistance with the preparation of a critical edition of Jean Devanny's Leonore Divine. This edition will be published as part of the University of Otago Colonial Texts series. Jean Devanny was a committed and vocal communist and a campaigner for female autonomy. Set in Wellington and the Waikato, Lenore Divine (1926) was extremely radical for its time, particularly in its insistence that morality is a product of character rather than obedience to conventional codes of conduct, and met with a critical reception in New Zealand. Devanny's semi-autobiographical heroine works as a journalist has ambitions to be a novelist and takes pride in her economic independence. She is also free-thinking, holding unconventional views on marriage and sex.</p> <p>The student researcher will begin by reading the novel in its entirety and will work with the supervisor in identifying aspects of the text in need of critical notes (such as events, organisations, place names, the names of historical figures, dated language usages). The student researcher will then assist the supervisor in the preparation of the critical notes, in particular the researching of relevant historical and contextual material relating to Wellington and the Waikato in the 1920s, early feminism in New Zealand, race relations in 1920s New Zealand, and the birth of the New Zealand communist party. This part of the scholarship will develop the student's ability to conduct archival research and to think critically and analytically.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"><li>• knowledge of literary databases (such as MLA, Index New Zealand)</li><li>• ability to do archival research</li><li>• ability to research the historical contexts out of which literary texts emerge</li><li>• competent citation skills</li></ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"><li>• An article and bibliographical survey on 'New Zealand Literature: 2010' to be published by the Journal of Commonwealth Literature, 46.4 (2011). This article/bibliography will be co-authored by the student and the supervisor</li><li>• A critical edition of Jean Devanny's Leonore Divine, published by the University of Otago Colonial Texts Series</li></ul>			

## PSYCHOLOGY

<b>FIELD:</b> Psychology (Clinical/Neuropsychology)	<b>TITLE:</b> Incidence and outcome of Traumatic Brain Injury	<b>SUPERVISOR(S):</b> Dr Nicola Starkey	<b>PROJECT #</b> 3
<p><b>ABSTRACT:</b></p> <p>Traumatic Brain Injury (TBI) is a common cause of death and long term disability within New Zealand (NZ). Incidence peaks in those under 5, and between 15-24 years. Given the young age at which TBI commonly occurs, there are often significant personal, social and economic costs associated with TBI and the burden extends to families, whānau and to society. The effects of a TBI in young children can impact on attainment of developmental milestones and may lead to persistent difficulties throughout their lifetime. More accurate and detailed information about the risk factors for TBI and the factors important to recovery are required to inform health care services and to ensure patients and their families receive the support they need post TBI. Last year, the Health Research Council (HRC) funded a population based study (the BIONIC study) to assess the incidence and outcome of brain injury in the Hamilton and Waikato district from March 2010 to and Feb 2011. This year, we have received additional funding (from HRC, led by Prof Kath McPherson, AUT) to carry out additional in depth interviews to further explore the impact of TBI on families. Since the start of the study we have identified around 44 people per week who have had a TBI (equivalent to approximately 2288 per year), and a large proportion of these have agreed to take part in our study which follows their recovery for 6 months after their brain injury. We are finding out about all aspects of brain injury, from the cause of the injury through to its psychological, emotional and physical effects and the impact of the TBI on the family. The BIONIC study, based at Waikato University, is lead by Prof Valery Feigin (AUT) and involves collaborators from Auckland University, Waikato Hospital and Otago University. It currently employs two study managers and 14 researchers. As a summer student working on this project, you would be involved in all aspects of the study. Overall, you will increase your knowledge of brain injury and the impact it has on the family and the community, and on a more basic level you will gain experience of being part of a large collaborative team, assisting with interviewing of participants, liaising with local medical practitioners and the hospital, and collecting and entering data. Thus, you will make a contribution to the overall aim of the study which is to provide accurate information regarding the incidence and outcome of brain injury in New Zealand.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"><li>• Good social skills, empathy and understanding, good teamwork, ability to work on own initiative, interest in brain injury, well organised, attention to detail, willingness to learn</li></ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"><li>• The study will provide accurate incidence and outcome data regarding TBI in NZ. Results will be disseminated via conferences and peer reviewed journal articles.</li></ul>			

<b>FIELD:</b> Psychology	<b>TITLE:</b> Possum Food preferences	<b>SUPERVISOR(S):</b> Dr Lewis Bizo & Prof. Mary Foster	<b>PROJECT #</b> 4
<p><b>ABSTRACT:</b></p> <p>The common brushtail possum (<i>Trichosurus vulpecula</i>) is a hugely destructive introduced pest in New Zealand. Since their introduction into New Zealand they have spread across New Zealand decimating native vegetation and destroying habitat of a number of native animals. The proposed summer research project will complement existing research project presently being conducted at #3 Dairy assessing food preferences of possums. Recent reports suggest that pre-feeding possums with particular bait increases the likelihood that that bait will be consumed in the future (Nugent, Turner &amp; Warburton, 2009). Additionally, it has been demonstrated that pre-feeding possums with either carrot or cereal prior to poison control operation produced higher kill rates than when no pre-feeding was provided. What is less clear from examination of the literature related to the control of possums is that there is very little published data on the relative preference by possums for different food types (e.g., Hudson, Foster, Temple 1999; Signal, Foster, Temple, &amp; Chandler, 2005). In their native habitat they are normally described to be foliovorous, however, in New Zealand there have been reports that possums will consume a wide variety of foods other than leafy vegetation; including insects, small birds, birds' eggs, as well as fruits and flowers (Nugent, Sweetapple, Coleman &amp; Suisted, 2000).</p> <p>The assessment of food preference can be achieved via a number of different methodologies, such as single alternative methods that record the duration or amount of food consumed during periods of free access to a single food, or two alternative choice methods that require the animal to choose between two or more immediately available alternatives, as well as more complicated procedures that assess the animals willingness to "work" for a particular alternative, or "wait" for a more preferred alternative relative to a less preferred alternative. These latter methods allow a researcher to essentially quantify the preference for apples and oranges. The proposed research project will make use of a methodology typically used in research on the temporal discounting of future events to assess possums' preferences for different food types such as meat, cereal, dog food and carrots. This procedure involves the animal responding on a manipulanda for access to different foods. The amount of time an animal is required to wait will be manipulated so that the waiting time is used to equal preference of less and more preferred food types. The simply logic being that whilst an individual may prefer meat over fruit if the two alternatives were immediately available, that same animal might switch its preference to fruit if it were required to wait 5 minutes before it could gain access to meat. The amount of time an animal would wait for the preferred food type then functions as out metric of preference. It is expected that this research would have implications for the design and presentation of baits used in the control of possums. Additionally, this project will evaluate the temporal discounting methodology as a potential method for examining the relative "value" of different foods by possums.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• The student needs to be comfortable working with animals, and possums in particular.</li> <li>• They also need to be punctual and reliable and able to work well in a research collaborative.</li> <li>• Additionally, some aptitude for computer programming and a familiarity with excel and statistical packages would also be helpful.</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• I expect that the results of this study would eventually be presented as a conference presentation at a national conference (The annual conference for the New Zealand Association for Behaviour Analysis, August 2011) and written up for publication in an international and peer reviewed journal, such as Behavioural Processes or Learning and Behaviour.</li> </ul>			

## SOCIETIES & CULTURES/PUBLIC POLICY

<b>FIELD:</b> Public Policy	<b>TITLE:</b> Les Desirables: Constructing deserving and un-deserving citizens in New Zealand public policy	<b>SUPERVISOR(S):</b> Dr Rachel Simon-Kumar & AProf Priya Kurian	<b>PROJECT #</b> 5
<p><b>ABSTRACT:</b></p> <p>Frameworks of critical policy analysis postulate that public policy is not merely a technocratic response to societal problems. Rather, it actively plays out ideologies and values of dominant groups in society in a range of ways. Schneider and Ingram (1993; 1997; 2006), for example, argue that all public policy actively construct their target populations along four categories as socially positive or negative and as politically strong or weak. Thus, depending on the ideology of the government of the day, single mothers can be seen as victims or burdens in society. Similar constructions of worthiness or unworthiness can be ascribed to a range of target populations: people of colour, students, low-income people, high-income people, mentally ill, and the physically disabled. Policy, therefore, becomes a tool for constructing and assigning status to people in society in particular time periods. Some of these values imbued in public policy may be based on party-politics. Despite a common commitment to neoliberal economic ideology, the two dominant political parties in New Zealand, Labour and National, appear to overtly diverge in their policy priorities in some policy sectors, such as health, education, sustainability, taxation and so on. Since their election to power in 2008, the National-led government has brought in changes to a number of policies that have implications for how particular target populations are constructed. The proposed project focuses on mapping the social constructions of target populations in New Zealand public policy since the formation of the National Party-led government in 2008. Drawing on the theoretical framework of the social construction of target populations, the project explores how specific policy constructions of target groups are made visible in the public sphere through the national print media. Using content analysis and discourse analysis, we aim to map out the “new” desirable and undesirable citizens in current public policy.</p> <p>The summer project seeks a student with interest in critical policy analysis and with the required research skills to work with the staff researchers to undertake this project. The research will require the selected student to collate, organise and analyse 24-months of collected newspaper articles and generate a map of the target population analysis as theorised by the Schneider and Ingram. Further, as the research progresses, the student may be involved in further qualitative analysis of particular ‘cases’ of target populations. This might require further data collection of secondary sources, such as Parliamentary speeches and policy documents. The research will form the basis for one or two papers to be written by the academic staff with a high likelihood of co-authorship with the student.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"><li>• The project will require a student who has a background in policy studies and is familiar with developing social science research projects.</li><li>• An understanding of media studies, gender studies, and critical research, as well as familiarity with content and discourse analysis would be an added asset.</li><li>• High standards of academic writing skills are important.</li></ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"><li>• One or two academic papers to be completed by the staff researchers, with a strong possibility for co-authorship with the student.</li></ul>			

<b>FIELD:</b> Social Policy	<b>TITLE:</b> Regional benefit uptake dynamics	<b>SUPERVISOR(S):</b> Bill Cochrane & Kellie McNiell	<b>PROJECT #</b> 6
<p><b>ABSTRACT:</b></p> <p>Given the recent global economic downturn and the current government's focus on welfare reform it has become increasingly important to understand the dynamics of New Zealand's social security system. While much research has been conducted at a national level, little work on how endogenous shocks to social security play out at the sub national level has been undertaken. In the past, this deficiency has largely been attributable to a lack of adequate data on the uptake of social security benefits and the labour market below the regional level. Recently however, the Ministry of Social Development (MSD) has begun to make available administrative data on benefit receipt at Territorial Authority (TA) and Census Area Unit (CAU) levels. This data facilitates the identification of clusters of unusually high social security benefit receipt and spatial tracking of the stability of these clusters over time. The overall purpose of this research project is to trace the spatio-temporal impact of the recent economic downturn on the receipt of the main social security benefits (Unemployment, Invalids, Sickness and Domestic Purposes benefits) in the Waikato region. In particular, this research will identify the geographical distribution of benefit receipt in the Waikato prior to the global economic downturn, and then examine how that distribution changed following this shock. In addition, this project will identify the most vulnerable or fragile regional communities (in the sense of experiencing the largest increases in benefit receipt) and the factors that have predisposed them to fragility.</p> <p>The main tasks undertaken by the student researcher would be:</p> <ul style="list-style-type: none"> <li>• The integration of MSD administrative data with the Mesh Block Data Set;</li> <li>• Cleaning the resultant data set;</li> <li>• Mapping the primary variables - predominantly the main benefit types - in the project data base; and</li> <li>• Writing a brief descriptive report on the results of the mapping exercise and producing documentation to accompany the project data base.</li> </ul> <p>We would aim to build the student researcher's capacity in:</p> <ul style="list-style-type: none"> <li>• The compilation of data bases for policy analysis;</li> <li>• Basic statistical analysis; and</li> <li>• Exploratory Spatial Data Analysis (ESDA) and mapping.</li> </ul> <p>This project will serve as a basis for:</p> <ul style="list-style-type: none"> <li>• More sophisticated spatio-temporal modelling of the social security system; <ul style="list-style-type: none"> <li>• Contributing to the existing body of externally commissioned research work undertaken for TAs, central government and NGOs;</li> <li>• Conference papers at: <ul style="list-style-type: none"> <li>• The North American Regional Science Conference, 2011; and</li> <li>• The Australian Sociology Association Conference, 2011.</li> <li>• Publication in a journal such as the Australian Journal of Labour Economics or Papers in Regional Science.</li> </ul> </li> </ul> </li> </ul> <p>In addition, we would be happy to support the student researcher in presenting this work at a conference in New Zealand, and/or to supervise them should they wish to incorporate this research project into a directed study.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• The ideal candidate will recently have completed papers in Social Policy and Quantitative Research Methods at level 3 or above. Demonstrated ability to manage data sets, review secondary sources and present key findings to a range of stakeholder audiences in written and oral forms are also required.</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• The outputs we would expect from the student would be:</li> <li>• A report containing the outcome of the mapping exercise and detailing their findings;</li> <li>• A presentation for the annual WFASS interdisciplinary graduate conference; and</li> <li>• A documented project data base.</li> </ul>			

## HISTORY

<b>FIELD:</b> History	<b>TITLE:</b> The Great Victorian Garden of Death: The Design and History of Hamilton East Cemetery.	<b>SUPERVISOR(S):</b> Dr James Beattie	<b>PROJECT #</b> 7
<p><b>ABSTRACT:</b></p> <p>This proposal aims to bring to life the history of Hamilton East Cemetery and to make this research available to the academic community and general public. Hamilton East Cemetery is a rare and fine example of a surviving nineteenth century garden cemetery. The garden cemetery stood at the vanguard of debates about public health and garden design, progressive city enterprise and settlement, public and private mourning. This project examines the cultural and design history of Hamilton East Cemetery from its establishment in 1864 to the advent of World War Two. The history of such garden cemeteries in New Zealand has not been told, despite their ubiquity and importance across the country. Using visual evidence, archival sources and published accounts from the time, this project will establish the role of the Cemetery in the lives of the citizens of Hamilton. Specifically, it will examine how its design, planting and statuary reflected prevalent ideas about public health, religion, settlement and memory/memorialisation. The Cemetery Garden, a relatively new innovation in Victorian Britain (1837-1901), met the urgent needs of a rapidly burgeoning urban population, where overcrowding of cities' living and dead provided a major sanitary headache. Designers of the Cemetery Garden at once sought to provide a pleasant and picturesque environment for mourning and to meet the urgent sanitary needs of the day by providing adequate space for burials and a clean and hygienic site. Underpinning such designs was the belief that the free-flow of air and sunlight prevented noxious miasmas from being released through the decomposition of animal and vegetable matter. As well as hygiene, the Cemetery Garden reflected prevailing religious ideas about death. Classical allusions in architecture and statuary harked back to Elysium, the Grecian abode of the blessed dead, while the rural arcadia evoked by its landscaped gardens was designed to provide a fitting resting place for the dead. Memorialisation as well as inscriptions on headstones and symbolic plantings of evergreens, similarly, reminded visitors of the fate which awaited everyone and provide physical evidence of prevailing religious beliefs of the time. Lastly, memorialisation and interment in a new land offered a statement of the settlement process itself, as colonists became one with the new land.</p> <p>Extensive archival and published records on Hamilton East Cemetery are available from the New Zealand Collection, University of Waikato Library and the Heritage Centre, Hamilton Central Public Library as well as on-line through digitised New Zealand papers (<a href="http://paperspast.natlib.govt.nz">paperspast.natlib.govt.nz</a>).</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"><li>• You will have an outstanding degree in History at third-year or Honours level from any New Zealand or Australian university.</li><li>• You will have excellent research and writing skills.</li><li>• You will be highly motivated and enthusiastic.</li><li>• You will be able to work independently and in collaboration with the supervisor.</li><li>• You will be based in Hamilton for the duration of the Summer Research Scholarship.</li></ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"><li>• Under the supervision of Dr. Beattie, the successful recipient of the Summer Scholarship will:</li><li>• Undertake original archival and primary source research.</li><li>• Collate and transcribe relevant primary and secondary source material.</li><li>• Co-write with the supervisor an academic publication to be submitted to one of the following international peer-reviewed journals: Garden History, Studies in the History of Gardens &amp; Designed Landscapes or ENNZ: Environment and Nature in New Zealand.</li><li>• Compile a short guide on the design Hamilton East Cemetery to be available to the public through Hamilton Gardens. (Dr. Beattie has already liaised with the Gardens Director, Peter Sergel, on this planned publication.)</li></ul>			

<b>FIELD:</b> Social & Cultural histories of medicine	<b>TITLE:</b> Using medical obituaries for medical historical research	<b>SUPERVISOR(S):</b> AProf. Cathy Coleborne & Dr Rosaline McClean	<b>PROJECT #</b> <b>8</b>
<p><b>ABSTRACT:</b></p> <p>This project is a discrete research project that will utilise a current Index of medical obituaries compiled by a researcher and published by the New Zealand Medical Journal (see link: <a href="http://www.nzma.org.nz/journal/oldarchive.html">http://www.nzma.org.nz/journal/oldarchive.html</a>). Medical obituaries are particularly useful for medical historical researchers who often need to flesh out the biographical backgrounds of their research subjects to find out more information about their contributions to medicine; they are also a rich source of historical information and in some cases, represent the only biographical information available. Presently, the History Programme has three staff researchers and two postgraduate researchers working on topics in medical history, all of whom require more details about medical professional individuals. This summer research project will enable this collective research group to more readily access and absorb medical obituaries, and will involve a three-staged approach: 1.) Qualitative analysis of the Index using research questions generated by the group; 2.) Creation of an data base recording the information as a prelude to quantitative analysis of the Index contents; and 3.) The production of an overview report on the contents of the Index for the medical history research group, including the possibility of a collaborative article with members of the team.</p> <p>In 2006, Basil Hutchinson compiled a list of all obituaries published in the New Zealand Medical Journal since 1887. This list was later updated to include all obituaries published in the Journal between 1887 and 2008. The list comprises approximately 2,500 entries, and provides the name and gender of each doctor alongside their obituary's location in the Journal. This database represents an invaluable entry point into a historically significant medical archive which has yet to be systematically analysed. The medical obituaries published in the New Zealand Medical Journal include a range of quantitative and qualitative information, including:</p> <ul style="list-style-type: none"> <li>• Demographic information including gender, date of birth, birthplace, and marital status</li> <li>• Education history, including undergraduate qualifications and, frequently, overseas post-graduate experience</li> <li>• Subsequent work history</li> <li>• Involvement in professional organisations</li> <li>• Hobbies and pastimes</li> </ul> <p>In addition to such information, the language and structure of the obituaries represents a unique opportunity to gain insights into aspects of the medical profession through the use of textual analysis. The ways in which the language and structure employed have changed over time are also of interest to historians.</p> <p>The research team comprises three academic staff (Coleborne, McClean and James Beattie) and two postgraduate researchers (John Armstrong and Maree Dawson) who make regular use of medical biographies in their scholarly work. A systematic analysis of this Index will provide this team, and subsequent medical history researchers, with an immensely valuable resource. The database will also be used in the teaching of HIST508 Sicknes and Health in History (Coleborne, Semester A 2011), could also be used as a teaching tool in quantitative and qualitative methodologies, and amplifies the aims of the current Public History Research Unit, a sub-theme of which is biographical studies, and also pertains to the research of others in the faculty. Some training in quantitative analysis will be provided but an interest in the subject matter and enthusiasm for research, as well as an ability to work in a team are highly desirable.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• Historical research, writing and analytical skills are preferred; statistical skills/quantification skills can be taught but an interest and capacity to develop these is essential.</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• A final overview of the Index written as a research report with an Introduction and Conclusion, some key themes and research questions defining content, and a relevant secondary bibliography; some quantitative data illustrating the use of the Index; other outcomes as deemed relevant by the team.</li> </ul>			

## MUSIC

<b>FIELD:</b> Musicology	<b>TITLE:</b> Artistic biography and musical analysis: The case of Anthony Watson	<b>SUPERVISOR(S):</b> AProf. Martin Lodge	<b>PROJECT #</b> 9
<p><b>ABSTRACT:</b></p> <p>A study of the life and music of New Zealand composer Anthony Watson (1933-73) is being undertaken by Martin Lodge. A researcher is sought to work on this project. The researcher's primary tasks will involve organising raw research materials into a usable format for biographical and musicological writing and the application of various techniques of music analysis to Watson's works.</p> <p>Nearly all of the fundamental gathering of data for this book has been completed by Martin Lodge over recent years. Preliminary findings on Watson's life and music have appeared in articles by Lodge in the journals Music in New Zealand, Canzona and New Zealand Studies. The Oxford Music Online (Oxford University Press's music encyclopaedia) entry is written by Lodge.</p> <p>The next stage of research requires organising into a usable system all the primary research materials; testing and applying various analytical methods to Watson's music (including tonal, serial, pitch class set and modal); and researching demonstrable links between Watson's compositions and key works known to him from the Western canon, such as those by Bartók. Connections with other artists contemporaneous with Watson will be investigated as well. Together these will be the main scholarly tasks of the successful Summer Research Scholarship candidate.</p> <p>The researcher will be supervised in the processing of raw documentary materials, including photographs and music manuscripts as well as the usual biographical sources, so that this plethora of material can be utilised effectively in the writing of the final book by Martin Lodge. It is expected the researcher will use Scrivener computer software to facilitate this work. The researcher will also conduct analyses on Watson's main works, testing various analytical methods to see which yields the most meaningful results on each piece. This process will be demanding because Watson's style and compositional approach changed during his short but productive career. The analyses will require music examples to be prepared using Sibelius music notation computer software.</p> <p>It is anticipated that the researcher will gain skills in the preparation of artistic biography, organisation of multimedia materials and the application of various analytical tools to musical compositions.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"><li>• High level of musical literacy</li><li>• Detailed and extensive knowledge of 20th century Western art music repertoire</li><li>• Working knowledge of the principal analytical tools and techniques of 20th century music</li><li>• Substantial knowledge of 20th century New Zealand art music</li><li>• Excellent academic writing skills</li><li>• Practical knowledge of Sibelius music notation software</li><li>• Familiarity with Scrivener software (or willingness to learn it)</li><li>• Good written and verbal communication skills</li><li>• Ability to self-motivate and time manage</li></ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"><li>• The outcome of the research project will be a completed book on Watson's life and music authored by Martin Lodge. The Summer Scholarship researcher will play a significant role in enabling the book to be finished over the following few months.</li></ul>			

<b>FIELD:</b> General Linguistics	<b>TITLE:</b> Digitising Avava	<b>SUPERVISOR(S):</b> Dr Julie Barbour	<b>PROJECT #</b> 10
<p><b>ABSTRACT:</b></p> <p><b>Background</b>                      The Avava language of Malakula Island was one of four languages being researched by the late Professor Terry Crowley at the time of his death. Crowley had collected a corpus of text recordings and field notes and had used these to produce a draft manuscript of the language, which was published post-humously as The Avava language of Central Malakula (Vanuatu) (Crowley 2006). The Avava corpus has remained untouched since Crowley's death. The Avava language however, is spoken by a small but vibrant community distributed over four villages in central Malakula and is still actively being transmitted to children. Crowley held a firm belief that linguists had an obligation to produce project outputs of value to the indigenous community.</p> <p><b>The project:</b>                      This project has a dual focus. Firstly, it is focussed on the preparation of outputs for the Avava speech community. Using Transcriber software, and the Linguist's Toolbox, the student will digitise Crowley's Avava corpus. This will involve using Crowley's recordings, notes and the Avava publication to transcribe, annotate, and translate text material into English. A set of texts with translations will be extracted from this. The lexical corpus will be entered into the Linguist's Toolbox lexicon and a word list with English translations will be extracted. The materials will be assembled for delivery to the Avava community, and for deposition at the Vanuatu National Library and with the Vanuatu National Cultural Centre. Secondly, the project is focussed on developing linguistic understandings of the Avava language. The student will use the digital corpus to assemble data on one particular type of grammatical marking (in this case Mood morphology) in the Avava language. In collaboration with the project supervisor, the student will develop/critique/extend Crowley's preliminary analysis of the selected grammatical marking in Avava.</p> <p><b>Student learning:</b>                      By engaging with this project, the student will develop skills in specialist linguistic software needed for language documentation and description. The student will become familiar with the analysis of a specific Oceanic language, and will seek to contribute (with the support of the supervisor) to new understandings of this language with respect to a particular type of grammatical marking. The student will also develop skills in transforming raw linguistic data into products of community value, and thus develop understandings of the ethical obligations of fieldworkers.</p> <p>Crowley, Terry. 2006a. John Lynch (ed.). The Avava language of Central Malakula (Vanuatu). Canberra, Australia: Pacific Linguistics, Research School of Pacific and Asian Studies, The Australian National University.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• An undergraduate degree majoring in linguistics (or near completion) including papers in typology or morpho-syntax at level three or above. Papers in anthropology, anthropological linguistics, or linguistic field methods are desirable.</li> <li>• An interest in linguistic fieldwork and language documentation.</li> <li>• Computer literacy.</li> <li>• Knowledge of a language other than English.</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• With respect to Ethical approval, permission must be sought from the executor of Crowley's will to digitise and distribute Crowley's field materials.</li> <li>• Outputs:</li> <li>• A digital database of field materials on the Avava language.</li> <li>• An Avava/English text collection extracted from this.</li> <li>• An Avava/English lexicon extracted from this.</li> <li>• A co-authored research paper on one aspect of the language under investigation.</li> </ul>			

## POPULATION STUDIES

<b>FIELD:</b> Demography, Population Geography & Economic Demography	<b>TITLE:</b> Joining the dots: Linking two decades of socio-demographic trends	<b>SUPERVISOR(S):</b> Prof. Natalie Jackson	<b>PROJECT #</b> <b>11</b>
<p><b>ABSTRACT:</b></p> <p>The Population Studies Centre at the University of Waikato is New Zealand's only such Centre offering training in demography. In 2005-06, researchers at the Centre undertook a comprehensive set of analyses of New Zealand's social, economic and regional demography covering the period 1986-2001. The resulting set of 10 Discussion Papers can now be updated with the full release of relevant data from the 2006 Census. The opportunity for a student to work with senior researchers on this exercise contains many advantages in terms of skills and knowledge development, in that a clear set of guidelines as to what data are needed and how these data are to be analysed and interpreted are readily at hand. In addition to the key objectives of generating an updated set of discussion papers and building research capacity in this field of study, the exercise has two further objectives to which the student would contribute; first, preparation of a monograph which summarises and integrates the main findings of each of the ten discussion papers; and second, co-authorship of a summary journal article which will be submitted for publication. Also of relevance for the student is that the work will become the first major substantive output of the new National Institute for Demographic and Economic Research (NIDEA), which the Population Studies Centre will transform into before the end of 2010.</p> <p>Using Excel, the student will learn how to integrate the new and pre-existing datasets, and update tables and graphs, gaining particular skills in the development and analysis of time series data. Working alongside the project supervisor, they will consider the implications of the resulting patterns and trends, and gain skills in interpreting and writing up these changes.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• Basic knowledge of or interest in demography or population geography</li> <li>• Reasonable numeracy and Excel skills.</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• The major outcomes are of three forms - first, for both the student and the PSC, the building of research capacity and skills in this field of study; second, contribution to a broad array of publications including up to 10 discussion papers; co-authorship of a monograph which summarises the main findings of the entire body of research; and co-authorship of a journal article for publication. Finally there is an intangible outcome in that the PSC is currently transitioning into an institute (NIDEA) and the work will comprise the new institute's first major substantive output.</li> </ul>			

<b>FIELD:</b> Demography, Sociology & Maori Studies	<b>TITLE:</b> Maori Transnationalism: Census case studies for four countries	<b>SUPERVISOR(S):</b> Dr Tahu Kukutai	<b>PROJECT #</b> <b>12</b>
<p><b>ABSTRACT:</b></p> <p>This project provides a unique opportunity for a student to be involved in innovative research on the international Maori community. The study of indigenous transnationalism is a relatively new field situated at the nexus of demography, migration, and indigenous/native studies. As one of the most geographically mobile indigenous peoples in the world, Maori are especially interesting, but have been little studied outside of New Zealand. Working alongside a senior researcher, the student will undertake statistical analyses of census data for Maori in Australia, Canada, the United States, and England. Comparisons will be drawn with the Maori ethnic and ancestry populations in New Zealand using data from the 1996 and 2006 censuses. The analyses will form the basis of two collaborative journal articles intended for an international audience. The first will evaluate competing theories (and hypotheses) about the socio-economic position of indigenous 'stayers' and 'movers'. The second article will document the changing structure of the global Maori community as a whole, and in each of the four focal countries. This project will address a major gap in the literature. Though there is a high degree of interest in New Zealand's so-called "brain drain", relatively little is known about how this has impacted Maori. Participation in this project will provide the successful candidate with an opportunity to develop practical analytical skills, make important connections between abstract theories and concrete demographic patterns, and to have co-authorship on at least one article in an international journal.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• Experience with statistical software packages SPSS or Stata preferred but not essential so long as the student is committed to learning how to use the software (under the supervisor's guidance).</li> <li>• Must be able to think analytically, and to write clearly and concisely.</li> <li>• An interest in sociology, demography, and/or indigenous/Maori studies is required.</li> <li>• Above all, the supervisor values intellectual curiosity, initiative, and the willingness to work hard.</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• Two sorts of outcomes are anticipated. The first relates to capacity-building of the student, in particular the development of quantitative skills which are in high demand in the labour market. There will also be tangible published outputs in the form of two articles in international journals. The decision to pursue international, rather than local, journals reflects PBRF considerations, as well as the desire to situate the dynamics of Maori transnationalism in a broader global context.</li> </ul>			

**PROFESSIONAL EDUCATION**

FIELD:	TITLE:	SUPERVISOR(S):	PROJECT #
Education	Exploring experiences and opinions of eLearning across the Campus	Dr Marcia Johnson	13

**ABSTRACT:**

This summer school scholarship project will build on work being done as part of a two-year Teaching and Learning Research Initiative (TLRI)-funded research project Exploring eLearning Practices across the Disciplines in a University Environment. Its major goals have been to address issues of tertiary-level pedagogy, e-pedagogy, and research through case study examination of actual technology use in university teaching. Twelve case studies, extending across four Faculties (Education, Arts & Social Sciences, Management, and Science & Engineering) have been conducted and a variety of ICT tools and different software has been used. During the research both quantitative survey data and qualitative text-based data from focus groups and individual interviews have been collected from students and lecturers. During the summer research scholarship it is anticipated that the scholar will work with the supervisor to analyse the qualitative text-based data and the quantitative survey data. For the qualitative data this will involve a thematic analysis (reading and coding data into major themes) and for the quantitative data the production of comparative graphs and charts across the cases. The summer scholar will also assist the supervisor in conducting the final interviews with case study lecturers to obtain their overall insights, knowledge, and experience of integrating new technologies and enhanced pedagogical approaches into their teaching. Finally, the scholar will conduct a literature review of recent eLearning publications and assemble an annotated bibliography. The work of the Summer Research Project scholar will be acknowledged in the authorship of any resulting publications.

**APPLICANTS:**

- An interest in the role and impact of the Internet and different software applications, particularly in tertiary level education.
- Good communication skills / experience conducting research interviews (guidance and support will be provided as required).
- Thematic data analysis skills (guidance and support will be provided as required).
- Good command of standard MSOffice tools (Word and Excel in particular).
- Excellent writing skills.
- The ability to work as part of a team.
- Good self-management skills.
- The successful applicant does not need to be directly involved in education.

**EXPECTED OUTCOMES OF PROJECT:**

- A thematic, descriptive “map” of the text-based data will be prepared in concise written form.
- A range of graphs and charts, which illustrate the different feedback and opinions of students across the case studies, will be prepared.
- Themes emerging from the overall feedback of case study lecturers will be collated and used to expand upon the themes identified in the qualitative and quantitative data already collected and analysed.
- An annotated bibliography of eLearning publications will be assembled.
- It is anticipated that all outputs will contribute to peer-reviewed outcomes such as conference presentations and published papers.
- It is also anticipated that the overall consolidation of research findings will contribute to new project proposals relating to eLearning at tertiary level.

<b>FIELD:</b> Literature Search	<b>TITLE:</b> Solomon Islands School of Education Partnership: Annotated bibliography	<b>SUPERVISOR(S):</b> AProf. Jane Strachan	<b>PROJECT #</b> 14
<p><b>ABSTRACT:</b></p> <p>From 2006 to 2010 the Faculty of Education, University of Waikato partnered the School of Education, Solomon Islands College of Higher Education. The purpose of the four and a half year partnership has been to capacity build teacher education in the aftermath of four years of violent ethnic conflict. The partnership has involved rebuilding the qualification framework, reviewing and rewriting all the courses and extensive staff professional development. Building a research culture and organisational strengthening have been integral to the process. It is now time to write about and publish what the partnership involved, what were the successes and challenges and what has been learnt. A special edition of the Waikato Journal of Education will be published in 2011. The articles (up to six) in the special edition will be written by staff of the Faculty of Education University of Waikato in partnership with staff of the School of Education, Solomon Islands College of Higher Education. The areas covered in the articles will include, working collaboratively to develop curriculum, leadership capacity, professional development, organisational strengthening, working cross culturally and other areas yet to be decided. The summer scholar will be required to undergo literature searches to support those writing the articles. They will be required to produce an annotated bibliography of up to 25 scholarly works on each topic. This will involve:</p> <ul style="list-style-type: none"> <li>• Locating and recording citations to books, periodicals, and documents that may contain useful information and ideas on the topic;</li> <li>• Briefly examining and reviewing the actual items. Then choose those works that provide a variety of perspectives on the topic;</li> <li>• Citing the book, article, or document using the appropriate style (APA); and</li> <li>• Writing a concise annotation that summarizes the central theme and scope of the book or article and include one or more sentences that (a) evaluates the authority or background of the author, (b) comments on the intended audience, (c) compare or contrast the work with another that has been cited</li> </ul> <p>It is anticipated that the scholar will devote up to 2 weeks on each topic. Detailed guidelines of the areas to be searched will be provided to the scholar by the supervisor who will offer supervision, support and professional guidance.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• Creating the annotated bibliography calls for the application of a variety of intellectual skills: concise exposition, succinct analysis, and informed library research.</li> <li>• A senior undergrad or masters student needs to be confident in undertaking literature searches, have strong academic writing skills, be familiar with library databases, have the ability to work independently, and have strong library search skills.</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• A special edition of the Waikato Journal of Education (up to six articles by University of Waikato faculty) focusing on the Solomon Islands School of Education Partnership with the Faculty of Education, University of Waikato</li> <li>• The summer scholar's contribution will be acknowledged in the special edition of the Waikato Journal of Education.</li> <li>• The summer scholar will under the guidance of a senior academic and an experienced librarian hone and improve their library search skills including the use of data bases. They will also become skilled at producing annotated bibliographies. This will be very helpful to them in any research they may undertake in the future or be currently undertaking.</li> </ul>			

## ARTS & LANGUAGE EDUCATION

<b>FIELD:</b> Children's Literature	<b>TITLE:</b> Analysing picture book collections in terms of loanwords, cultural themes and link to the NZ Curriculum	<b>SUPERVISOR(S):</b> Dr. Nicola Daly	<b>PROJECT #</b> 15
<p><b>ABSTRACT:</b></p> <p>Much has been written about the use of children's picture books to raise cultural awareness among children (e.g., Bainbridge, Heydon, &amp; Malicky, 2008; Wham, Barnhart, &amp; Cook, 1996; Finazzo, 1997). Substantial work has been done at Roehampton University (London, England) to establish the European Picture Book Collection (Cotton, 1999, see <a href="http://www.ncrcl.ac.uk/epbc">www.ncrcl.ac.uk/epbc</a>, a collection of 20 books from 20 European countries, and studies have shown the effectiveness of this collection for school children to learn more about their European neighbours in terms of both language and culture (e.g., Cotton, 2000). A similar set of picture books for use in the Pacific, called the Pacific Picture Book Collection (PPBC) is currently being created (Daly, 2010a), as is a set of books concerning New Zealand National Identity, called the New Zealand National Identity Picture Book Collection (NZNIPBC, Daly, 2010b). Each picture book collection consists of between 20 and 50 books.</p> <p>In this project, the Summer Scholarship recipient will be required to analyse the cultural themes presented and loanwords used in the picture book collections. The Summer Scholarship holder will also be asked to analyse links between the New Zealand Curriculum (Ministry of Education, 2007) and the books in the two picture book collections. Using these pieces of analysis they will be asked to create an annotated bibliography of both picture book collections. If time allows, they will be asked to develop classroom tasks and activities using the books in both picture book collections for use in future research.</p> <p>The analysis of the loanwords used and themes presented in the picture book collections and the analysis of links to the curriculum have the potential to be developed into a journal article and/or a conference presentation for the 2012 Australasian Children's Literature Association for Research (ACLAR) conference to be held in New Zealand.</p> <p><b>References</b></p> <p>Bainbridge, J., Heydon, R. &amp; Malicky, G. (2008). <i>Constructing Meaning: Balancing Elementary Language Arts</i> (4th edition). Toronto: Nelson Thomson Learning. Cotton, P. (1999) <i>The European Picture Book Collection</i>. <i>Children's Literature in Education</i>, 30, 2, 145-155. Cotton, P. (2000) <i>Acceptance of Difference in European Picture Books</i>. <i>NCRCL Papers: The Big Issues</i>, 6, 58-63. Daly, N. (2010a) <i>Creating a Pacific Picture Book Collection</i>. Paper to be presented at the ACLAR conference to be held in Wollongong, Australia, June 23-25, 2010. Daly, N. (2010b) <i>Choosing a set of books to represent diversity in New Zealand identity</i>. Paper to be presented at the Culturally Responsive Research and Pedagogy Conference Symposium to be held at the University of Waikato, November 13-15 2010. Finazzo, D. A. (1997). <i>All for the Children</i>. <i>Multicultural Essentials of Literature</i>. Albany NY: Delmar Publishing. Ministry of Education (2007). <i>The New Zealand Curriculum</i>. Wellington: Learning Media. Wham, M. A., Barnhart, J., &amp; Cook, G. (1006). <i>Enhancing multicultural awareness through the storybook reading experience</i>. <i>Journal of Research and Development in Education</i>, 30, 1-9.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"><li>• Familiarity with the use of picture books in educational settings and the ability to analyse language use and themes in such literature.</li><li>• Experience in creating educational tasks suitable for primary settings</li><li>• Familiarity with the New Zealand Curriculum</li><li>• Excellent record-keeping skills</li><li>• The ability to work both collaboratively and independently</li><li>• Excellent academic writing skills</li><li>• • Excellent library skills</li></ul>			

**EXPECTED OUTCOMES OF PROJECT:**

1. development of research skills in a promising student
2. annotated bibliographies of the picture book collections
3. analysis of loanwords and cultural themes in picture book collections
4. analysis of links between New Zealand curriculum and picture book collections
5. a conference presentation and journal article may be developed based on the analysis completed in this project
6. a set of educational tasks may be developed based on the picture book collections for use in future research

## EARLY YEARS EDUCATION

<b>FIELD:</b> Early Years Education	<b>TITLE:</b> Establishing a shared on-line library for the Early Years Research Group	<b>SUPERVISOR(S):</b> Prof. Margaret Carr & Dr Linda Mitchell	<b>PROJECT #</b> 16
<p><b>ABSTRACT:</b></p> <p>The Early Years Research Group of academics at the Faculty of Education meet together to share ideas and to carry out research that is relevant to the education of young people in early childhood centres and early primary school classrooms. The topics that we have researched, or are currently researching, include: the transition to school, question-asking and question-exploring in an early childhood centre, multi-modal literacy's in a kindergarten, the role of ICT in early childhood teacher education and centres, assessment from a Māori perspective, children being curious at a childcare centre in Te Papa National Museum, learning wisdom in nine early childhood centres, the education and care of infants and toddlers, early childhood policy, and a Marsden Fund project on 'learning in the making'. A research scholar will assist us to establish a shared Group library of references and resources from these projects, and to search for more literature on the current project based in a childcare centre at Te Papa. The museum literature search will contribute to a Working Paper that will be co-authored by the Summer Scholar.</p> <p>During this project the research scholar will work under the direction of Professor Margaret Carr and Dr Linda Mitchell to develop the shared on-line library, using the Zotero electronic bibliographic tool. The project will have three stages. In the first stage the scholar will establish a core early years library, the key words and annotations, from Margaret Carr and Linda Mitchell's Endnote and other reference collections, with particular reference to two publications: Outcomes of Early Childhood Education: Literature Review, and a book from the Marsden project entitled 'Learning in the Making'. In the second stage the scholar will focus on an electronic search for literature about museum education and the early years, with a view to contributing to a Working Paper. Depending on time available, the third stage will add reference collections from other members of the Early Years Research Group and assist us to identify – and perhaps fill - gaps in our shared library.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• Skills with on-line search engines, and electronic bibliographic tools. Familiarity with Zotero an advantage, although a workshop on Zotero will be available from WMIER</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• A shared Zotero library for research on education in the early years</li> <li>• A literature search on museum education and a draft co-authored Working paper on this</li> <li>• (Perhaps) Literature searches on topics of interest</li> </ul>			

<b>FIELD:</b> Interdisciplinary – Education, Reading, Psychology, Graphic Design, HCI	<b>TITLE:</b> Colour in children’s On-screen reading	<b>SUPERVISOR(S):</b> Claire Timpany & Wendy Carss	<b>PROJECT #</b> <b>50</b>
<p><b>ABSTRACT:</b></p> <p>This research continues on-going work into children’s on-screen reading research within the Computer Science Department and the Arts and Language Education Department at the University of Waikato by a small research team consisting of Nicholas Vanderschantz, Claire Timpany, David Whitehead and Wendy Carss.</p> <p>Pedagogical practices in formal educational settings together with the nature of communication technologies in the media and elsewhere mean that children will encounter on-screen typography and screen-based learning opportunities in both formal school settings and during their daily recreational pursuits. Internationally, there is a lack of research informing what good reading practice might look like when teachers use reading material in a screen-based environment. More specifically, there is a lack of research around best practices for the design of this material for children.</p> <p>This research sets out to determine how colour combinations can affect errors and self corrections in children’s on-screen reading.</p> <p>To aid this larger investigation, this Summer Research Scholarship will specifically involve data collection which extends the current pilot study regarding children’s on-screen reading and the effect of adjusting colour variables. The researcher will conduct a number of user studies using the Running Record Methodology used within the NZ education system. This data will directly result in journal and conference publications which build on the 2 journal submissions which resulted from the initial pilot study in 2009.</p> <p>A large portion of this Scholarship is intended to be conducted during the 2010 primary school year and thus will begin earlier than other summer scholarships. It is intended that this scholarship would begin directly after final exams for a final year teacher with a starting date of approximately October 25, 2010.</p> <p>The student will benefit by the development of key research skills for use in Education, HCI and graphic design research and practice. This will include development of analysis skills and the ability to use this feedback to develop design solutions and produce academic publications. This project will provide a stepping-stone to further postgraduate research opportunities as the student will be introduced to experiment design considerations and results analysis.</p> <p>The student will be jointly supervised by an expert from the Computer Graphic Design field and an expert from the Education field. This will enable the student to gain core knowledge and guidance to assist with the development of fundamental understanding within this research area.</p>			
<p><b>REQUIRED SKILLS:</b></p> <ul style="list-style-type: none"> <li>• Competency in recording and analysing Running Records using standard conventions</li> <li>• Ability to work within a primary school environment.</li> <li>• Sound research practice and organisation.</li> <li>• Own mode of transport will be significant advantage.</li> <li>• Ability to begin scholarship earlier than advertised project start date. Aproximate date October 25, 2010.</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• Data Collection &amp; Analysis</li> <li>• series of 20 minute observational user studies conducted within local primary schools using running records</li> <li>• analysis of running record results</li> <li>• data input of results</li> <li>• It is expected that conference and journal publications from this research will result. Targeted journals and conference’s include the top tier journal - Reading Research Quarterly. A previous pilot study utilising a similar methodology and a very small sample has resulted in 2 journal papers and a conference presentation from the data to date. It is expected that the significant increase in data produced by this study as well as the refinement of this methodology will result in more substantial journal submissions with the ability to interpret and publish various statistical interactions. At least 2 journal publications are expected from the data with the potential for further conference and journal submissions over and above.</li> </ul>			

**LAW**

FIELD: Law	TITLE: Maori Crime Prevention Project	SUPERVISOR(S): Wayne Rumbles	PROJECT # 17
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**ABSTRACT:**  
 Statistical profiles of Maori criminal offending in modern times reflect a crisis and a deep inadequacy of the criminal justice system to address the disproportionate tide of Maori entering the system. Maori represent about 15% of the population however Maori are 3.3 times more likely to be apprehended for a criminal offence than non- Maori, and 3.8 times more likely to be prosecuted and 3.9 time more likely to be convicted. Over 50% of our prison population is Maori, and with a rapidly increasing young Maori population this is likely to get worse. Although there are many diverse initiatives being undertaken in regions across the New Zealand by Maori, Governmental agencies or other community groups; there is very little research looking at these initiative in a wider national and/or international context. In the words of Khylee Quince "While some of these initiatives have yielded positive results, there needs to be better coordination of the targeted programmes and interventions across all relevant sectors, to provide a more holistic approach to the provision of culturally appropriate services for Maori in criminal justice" This project aim to contribute to this area by analysing national programmes aimed at Maori crime prevention within a global context of Indigenous crime prevention. The project will examine programmes that address these issues at all stages; pre, during or post involvement in the criminal justice system. While the major interest is in activities that focus on Maori, there may be more general programmes that also serve Maori and should be also be included in the survey.

The project will be carried out in three stages

- Phase one of this project is to survey what programmes and initiatives are being undertaken across New Zealand, to address the over representation of Maori in the criminal justice system. This research will be located in an international context particularly focusing on initiatives in Canada, Australia and the United States
- Phase two will involve interviews and more detailed analysis of selected programmes.
- Phase three will look at outcomes through statistical analysis and interviews with consumers and participants in selected programmes

The student will primarily be working on Phase One of the project with a possibility of participation in Phase Two interviews.

The Phase One will require:

- The execution of a literature survey on indigenous crime prevention programmes focusing on New Zealand, Australia, Canada and United States.
- Creation of an endnote annotated bibliography
- Initial contact – with agencies (letter- email – phone) requesting information on programmes within particular region. Subsequent contact with programme co-ordinators
- Co-ordination and organisation of material of material
- Writing of summary report
- Possible participation in Phase two interviews

**APPLICANTS:**

- Excellent proven research skills - Both electronic (internet and databases) and hardcopy
- Excellent English - written and oral ( required for initial contact)
- Good computer skills
- Prefer but not essential
- Knowledge of criminal justice system
- Familiar with legal databases
- Familiar with the use of Endnote

**EXPECTED OUTCOMES OF PROJECT:**

- Several Publications
- Annotated survey of programmes early 2011
- Analysis of selected Programmes (This may be more than one publication) - second half 2011
- Conference presentations ( possibility for a joint presentation with student if desired)
- This project will lead to further research outputs as it moves through phase two and three beyond the summer scholarship period.

**STRATEGY & HUMAN RESOURCE MANAGEMENT**

<b>FIELD:</b> Human Resource Management & Accounting	<b>TITLE:</b> Redundancy and alternative strategies	<b>SUPERVISOR(S):</b> Dr Linda Twiname	<b>PROJECT #</b> <b>18</b>
<p><b>ABSTRACT:</b></p> <p>Our focus for this project is costs and benefits of redundancy and alternative strategies. Many insightful redundancy and alternative strategies have been implemented across the world. We suggest that organisational goals include meeting short term financial and organisational requirements, while: building organisational wellbeing, reducing staff stress, and enhancing capacity to meet future needs. Alternatives to redundancy include the following: short term voluntary redeployment to other organisations, retraining and redeployment within the organisation, voluntary retirement, reduced hours, voluntary sabbaticals, retraining opportunities, and inviting staff for suggestions of cost savings and revenue enhancement.</p> <p>Dr Linda Twiname has particular interest in well-being in the workplace, focussing upon sustainable Human Resource Management practices. Research into alternatives to redundancy and work life balance are components of that research passion. Twiname is the lead researcher and is driving the overall research project. Dr. Helen Samujh, from the Department of Accounting, is the supporting researcher working on this project especially in relation to the cost and benefit analysis.</p> <p>Our Summer Research Scholarship student would work with us to develop a research instrument designed to gather both qualitative and quantitative data. That person would also work with us to approach potential interviewees, to conduct interviews and to analyse our data. We are happy to provide opportunities for the successful student to continue working with us through their Masters studies and to co-publish with us.</p> <p>This project is timely in a climate of recession and continuing economic uncertainty. Further, it has strategic relevance for Waikato Management School through support of its Meta Theme - social and sustainable development by enabling organisations to meet their requirements while maintaining talent and organisational moral. Its outcomes could also impact upon the following themes: organising for performance and enhanced wealth creation for New Zealand, which in turn will contribute to New Zealand’s international competitiveness and development.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• Online literature research skills and experience</li> <li>• Able to respect the confidential nature of the data (preferred: proven work experience with confidential material)</li> <li>• Interpersonal and communication skills suitable to conduct qualitative research (preferred: interviewing experience)</li> <li>• Accurate transcription skills, including competent spelling and punctuation skills</li> <li>• Experienced with using QSR N'Vivo 7 software (preferred, but not essential)</li> <li>• Experienced with using End Note (preferred: able to use End Note unsupervised)</li> <li>• Professional in approach</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• Supervision of a potential honours/ masters level paper for a student with suitable skills.</li> <li>• Conference papers and journal publications for our New Zealand study with potential for international comparisons.</li> <li>• Contributions to our local business community environment by working with and through local organisations and businesses.</li> <li>• We plan to present aspects of our work at conferences and to develop refereed journal papers from the proposed research.</li> </ul>			

# MANAGEMENT COMMUNICATION

<b>FIELD:</b> Communication Technology, digital media & News practice	<b>TITLE:</b> The journalist in the digital marketplace: A scoping study of the New Zealand Context	<b>SUPERVISOR(S):</b> Prof. Kay Weaver	<b>PROJECT #</b> <b>19</b>
<p><b>ABSTRACT:</b></p> <p>This scoping project will involve interviewing New Zealand journalists to identify what are the key impacts of media convergence that need be examined in the New Zealand context in order to understand how digital technologies and associated changes to media economics have changed the profession of journalism, and how journalists give meaning to how audiences use multiple media platforms to consume, interact with, and remix news content. While some impacts of convergence on news production in other national contexts are documented (1), no such research has been conducted in New Zealand. Therefore the goal of this study is to provide New Zealand journalists and news organisations with the opportunity to shape future research in this area. This project will provide the basis for the development of a Marsden application which builds on one submitted (but not awarded funding) by Professor Weaver and Dr Donald Matheson (Canterbury University) in 2010. The scholarship student will undertake the specific tasks of: (1) Identifying and summarizing research conducted on journalism in New Zealand, as well as media reporting and commentary on convergence and its consequences in this national context; (2) Initiating contact with 10-20 national and local news editors and journalists from a mix of print, broadcast, and online media outlets, outlining the research intentions of the scoping project and inviting their participation in it; (3) Initiating contact with the Engineering Printing and Manufacturing Union to invite its input into the project; (4) Working alongside the researcher supervisor to conduct initial interviews and receiving interview training from the research supervisor to the point where the student is sufficiently confident to conduct unsupervised interviews; (5) Conducting a preliminary thematic coding analysis of the interview data.</p> <p>For example, Garcia Aviles, J., &amp; Carvajal, M. (2008). Integrated and cross-media newsroom convergence: Two models of multimedia news production – the cases of Novotecnica and La Verdad Multimedia in Spain, <i>Convergence: The International Journal of Research into New Media Technologies</i>, 14(2): 221-239. Huang, E., Rademakers, L. Fayemiwo, M. A., &amp; Dunlap, L. (2004) Converged journalism and quality: A case study of The Tampa Tribune news stories, <i>Convergence: The International Journal of Research into New Media Technologies</i>, 10(4): 73-91. Silcock, B.&amp; William, K. S. (2006). Translating the tower of Babel? <i>Journalism Studies</i>, 7(4): 610-627. Thurman, N. and Lupton, B. (2008) Convergence Calls: Multimedia storytelling at British news websites. <i>Convergence: The International Journal of Research into New Media Technologies</i>, 14(4): 439-455. Wallace, S. (2009) Watchdog or witness: The emerging forms and practices of video journalism. <i>Journalism</i>, 10(5): 684-701. Williams, A. &amp; Franklin, B. (2007) Turning around the tanker: Implementing Trinity Mirror’s Online Strategy. Cardiff: School of Journalism, Media and Cultural Studies, Cardiff University.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• The ability to conduct a basis literature search</li> <li>• The ability to search media data bases</li> <li>• Willingness to be trained in conducting research interviews and to participate in research interviewing.</li> <li>• Good time management skills</li> <li>• An interest in New Zealand media, the journalism profession, and digital media.</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• This scoping project is specifically intended to have two outcomes:</li> <li>• The research will be used to write a report on journalists' perceptions of what research needs to be conducted in New Zealand to facilitate an understanding of impacts of convergence on the nation's news media generally and the profession of journalism in particular. This will be written into a journal article.</li> <li>• The scoping study will be used to develop a 2011 Marsden application, which builds on and extends the application submitted by Weaver and Matheson in 2010.</li> </ul>			

<b>FIELD:</b> Organisation Communication & Maori Organisations	<b>TITLE:</b> A case study in re-organising: The changing social needs of Māori and Manaakitanga in action	<b>SUPERVISOR(S):</b> Dr Mary Simpson & Sandy Morrison	<b>PROJECT #</b> <b>20</b>
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**ABSTRACT:**

This research project will investigate the evolution of Māori organisation/s based on land in Frankton, Kirikiriroa/Hamilton. It will use an intrinsic case study approach: that is, one where the nature of the case provides the reason for examining it (Stake, 2005). This project concerns how Māori organisation/s based on the land, on which Rauawaawa Kaumātua Charitable Trust (RKCT) currently sits, to meet the changing needs of Māori, and specifically kaumātua more recently, in Kirikiriroa/Hamilton. This project emerges from the relationship developed with RKCT through its involvement in the research project "Engaging the Senior Stakeholder: Positive ageing at the elder-organisation interface" funded by the Foundation for Research Science and Technology. Kaumātua as senior, skilled, or experienced men (koroua) and women (kuia), fill leadership roles in Māori society (Durie, 2003), including being "guardians of the tikanga" (Mead, 2003, p. 14). Durie (2003) notes that cultural strength and enrichment in Māori society depends on "the active participation of its relatively small older population" (p. 76). In this context, RKCT plays an important role in Kirikiriroa/Hamilton. The Trust provides kaumātua (55 years and over) with health, education, and information services, including Continuing Education classes funded by the University of Waikato. It also offers opportunities for kaumātua to participate in activities and socialise together. The name 'Rauawaawa means "the sides of the waka that embrace the chief, tohunga, and the many tribes, providing added protection as they pursue their journey forward"' (Sharples, 2009). In this way, Rauawaawa Kaumātua Charitable Trust provides safe passage for kaumātua to ensure their enhanced wellbeing and quality of life. The roots of RKCT's manaaki of kaumatua date back to 1938 when Princess Te Puea, Mrs Ohaira Whetu, and other local dignitaries arranged to purchase land to provide Māori visiting from out of town with a place to stay. This place later became a hostel for young Māori men training in the trades. In the late 1990s the Waikato Māori Hostel Society gifted the land and buildings to RKCT. These events demonstrate Māori organisational responses to wider social forces that have impacted on Māori. The specific focus on this study is Māori organising and organisations that manaaki manuhiri, and how such efforts adapted to meet changing needs of different groups in and to facilitate cultural strength and enrichment for Māori.

The unique historical and cultural heritage of this case requires locally-oriented research practices that focus on the experiences of those involved. Therefore, in order to facilitate sensitive research practice on the "tricky ground" (Smith, 2005, p. 85) of research concerning Māori, research processes and activities will be informed by The Treaty of Waitangi/Te Tiriti principles—partnership, participation, and protection—and be developed in consultation with the Manager and Trustees of the Rauawaawa Kaumātua Charitable Trust. These may include document research as well as talking with current and past members, as well as descendents of individuals and groups associated with the history of the land and organisations. Cultural support will be provided for the duration of the project.

**APPLICANTS:**

- Candidates need to have experience and knowledge in the areas of communication and Māori organisations (e.g., marae, not-for-profit, social, or business organisations).
- Ideally students should have completed MCOM200 Management Communication and/or a major in communication and be competent in Te Reo.
- An interest in older people and specifically kaumātua would also be an advantage.
- Students considering undertaking honours or masters programme should consider applying.

**EXPECTED OUTCOMES OF PROJECT:****For the Student and Supervisors:**

- The student will be 'masters ready' – that is able and keen to pursue a research degree.
- The student and collaborators will co-author a journal article for submission to an international publication related to and indigenous peoples and organisational communication.

**For Rauawaawa Kaumātua Charitable Trust and local community:**

- As current guardians of the land, members of the RKCT are also be guardians of the history. The findings of the research and subsequent report will be taonga to preserve for, and share with future generations.
- The project may identify new areas for research that will benefit students in postgraduate programmes, as well as kaumātua and other elders, Māori, and society more generally as further opportunities for research are taken up.

**For the University of Waikato/ Te Whare Wananga o Waikato:**

- The outcomes of this project contribute to the overarching themes of the University
- *Excellence:* The project promotes excellence in teaching, research, and relationships. First, we will guide a student through the stages, opportunities, and challenges inherent in research; second, we bring together local community and University people to achieve mutual benefit; and third, we aim to demonstrate the value of research to the community, and the value of community involvement for researchers.
- *Distinctiveness:* Māori heritage and culture are essential dimensions of Aotearoa New Zealand identity. This project is a small step in documenting local history of Māori organising, and also in 'keeping warm' relationships and developing collaborative partnerships between Māori in the Waikato and the University.
- *International connectedness:* This project is an interdisciplinary, bicultural collaboration that has the capacity to connect internationally with indigenous peoples as well as organisational communication studies.

## MANAGEMENT SYSTEMS

FIELD: Project Management	TITLE: Validating a competency-based performance model for IT Project Managers	SUPERVISOR(S): Dr Stuart Dillon	PROJECT # 21
<p><b>ABSTRACT:</b>            This project will be the final (but fully self-contained) stage of a wider, international study looking to better understand the behavioural competencies of IT project managers and to develop and validate a competency-based performance model for IT project managers. By the time this project begins, the first 6 (of 7) steps in the wider study will have been completed including extensive data collection and analysis utilising organisations such as Microsoft, Philips and Alaska Air. This will have involved conducting in-depth behavioural event interviews (BEIs) with over 40 project managers from these organisations as well as obtaining performance effectiveness data from the supervisor(s) of the project managers. Next the data will have been analyzed using the McBer competency dictionary and codebook (Spencer &amp; Spencer, 1993) to determine the behavioural competencies being described and their level. Finally the type and level of competencies demonstrated in the BEIs will have been stratified into three performance groups derived from previously identified performance effectiveness criteria, resulting in a competency-based model that is theorised to predict project manager performance. The project, for which scholarship funding is sought, involves the empirical validation of the model developed in the wider study. The primary goal of this stage of the research is to determine whether the model is predictive of performance of IT project managers. This is an important part of the research and it is anticipated that between 10 and 20 IT project managers will be interviewed in New Zealand, with further respondents being drawn from the US. The sample of project managers will include a range of performers (based around predetermined performance effectiveness criteria) involved in a diverse range of IT projects. The student will be expected to locate and contact prospective participants, obtain their approval to be involved, and conduct the interviews. Interviews will follow the pre-tested Behavioural Event Interview (BEI) protocol. The project supervisor will conduct short telephone interviews with the project managers' supervisor(s) to obtain performance effectiveness data. Finally the student will be expected to work closely with his/her supervisor to analyze the data, again using the McBer competency dictionary and codebook. The student will also be expected to draw conclusions on the validity of the model as a prediction tool. Our goal is to conduct the interviews prior to Christmas – when the participants are most likely to be available, leaving the post-Christmas period for transcribing and data analysis. This project is ideal for a senior undergraduate or 1st year masters student wishing to gain first-hand experience in carrying out research that has both theoretical and practical value. While the primary activities involved in the project will include data collection and analysis, it will be treated as a stand alone project and separate academic and practitioner publications from this part of the wider study are anticipated. Another benefit to the student will be the opportunity to be part of an international research team.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• Excellent interviewing/communication skills</li> <li>• Basic knowledge of project management would be an advantage</li> <li>• Likely to appeal to students with interests in: project management; information technology; information systems; consulting etc</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• The primary purpose of the project is to validate (or otherwise) the model that is presently being developed, and it is hoped that outcomes of the project will include the confirmation that model is, in fact, a predictor of IT project management performance. Such a model will identify specific competencies that distinguish above average from average project performance, and can provide criteria for recruitment and selection decisions, training design, coaching and mentoring, and career development and succession planning. A solid journal publication covering the validation part of the wider research project is anticipated. A second key outcome will be the provision of the performance competency model to each participating organization, with suggestions and recommendations, where appropriate, as to how they could apply the findings.</li> </ul>			

## ACCOUNTING

<b>FIELD:</b> Small Business Research	<b>TITLE:</b> Small Business experiences with the 'Bankable Project	<b>SUPERVISOR(S):</b> Dr. Helen Samujh	<b>PROJECT #</b> <b>22</b>
<p><b>ABSTRACT:</b></p> <p>Dr. Helen Samujh is the lead researcher on this project. Her interests are in the survival and well-being of small enterprises. Dr Linda Twiname is the supporting researcher working on this project. She has particular interest in well-being in the workplace, focussing upon sustainable Human Resource Management practices. We are already working together on small business research, including a comparative study between New Zealand and Scotland (with Scottish Enterprises, Dumfries, Scotland).</p> <p>For this research we have an opportunity to work with Sandra Perry of Opportunity Hamilton to record and gain insights into case studies/histories of small business that have been helped to succeed through the 'Bankable project'. The Bankable project is a local initiative, whereby an applicant is supported in their endeavours to establish a small business and obtain financing from a commercial bank. Opportunity Hamilton (or its predecessors) stand guarantee for half of the amount of the loan. The initiative has been developed locally, incorporating aspects of successful international 'business start' experiences. Ms Perry has agreed to provide access to those businesses that have engaged in the project.</p> <p>The summer research scholarship student would assist in conducting interviews to unearth the challenges, struggles, support and successes of the small businesses which have participated in the Bankable Project. The student would also assist with recording the narratives, entering the data into N'Vivo software, classifying and analysing those narratives. Our findings will then be, compared with findings from international literature. We would provide opportunities for the successful student to continue working with us through Masters studies and to co-publish with us.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"><li>• Online literature research skills and experience</li><li>• Able to respect the confidential nature of the data (preferred: proven work experience with confidential material)</li><li>• Interpersonal and communication skills suitable to conduct qualitative research (preferred: interviewing experience)</li><li>• Accurate transcription skills, including competent spelling and punctuation skills</li><li>• Experienced with using QSR N'Vivo 7 software (preferred: able to use QSR N'Vivo 7 software unsupervised)</li><li>• Experienced with using End Note (preferred: able to use End Note unsupervised)</li><li>• Professional in approach</li></ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"><li>• Supervision of a potential honours/ masters level paper for a student with suitable skills.</li><li>• Conference papers and journal publications for our New Zealand study with potential for international comparisons.</li><li>• Development of case studies that will be used for teaching purposes.</li><li>• Contributions to our local business community environment by working with and through local organisations and businesses.</li><li>• We plan to present aspects of our work at conferences such as ANZAM and to develop refereed journal papers from the proposed research.</li></ul>			

<b>FIELD:</b> Economics	<b>TITLE:</b> The sustainability of remittances to the Pacific	<b>SUPERVISOR(S):</b> Prof. John Gibson	<b>PROJECT #</b> 23
<p><b>ABSTRACT:</b></p> <p>Remittances provide a lifeline for many Pacific communities and help maintain solvency for their economies. The total amount remitted to the Pacific each year exceeds NZ\$600m, with remittances equivalent to about one-third of GDP in the Polynesian countries. This dependence has policy makers in Pacific states concerned that remittances may decline in the future as links between migrants and their home countries weaken. These concerns are exacerbated by the recession in the U.S. and New Zealand, which along with Australia are the main destinations for Pacific Island migrants. However, the existing literature has contradictory findings about whether remittances decay as Pacific migrants spend longer away from their home country. Therefore, further study is needed on the important issue of remittance sustainability.</p> <p>The proposed research will require the student to statistically analyse data on household's remittance receipts using the Samoa Labour Mobility Survey (SLMS). This survey was designed by a team based at the University of Waikato and implemented by the Samoa Bureau of Statistics. The SLMS covers households who had family members migrate to New Zealand within the last seven years. Since different cohorts of migrants are included there is variation in the length of their absence from Samoa, making it feasible to estimate a statistical model that tests the hypothesis of remittance decay.</p> <p>In addition to this statistical work, the student will gain some fieldwork experience by collecting data on the location of remittance receiving facilities (e.g. ATMs, banks, Western Union outlets) in Samoa. Previous research at Waikato shows that transactions costs on remittances to the Pacific are typically in the order of 15-20 percent but cheaper methods like ATMs cost only about five percent. This ten percentage point spread between remittance methods can amount to hundreds of dollars per year for the typical remittance-dependent family. Hence, even if there is any tendency for remittances to decay as migrants spend longer in New Zealand, by switching from expensive to cheaper remittance channels the recipients might continue to receive a similar amount. One factor that may account for reliance on expensive remittance channels is that outlets for cheaper channels may not be as geographically accessible. The geo-referenced data on remittance facilities can help to test that hypothesis, especially because the SLMS includes a detailed module on remittance channels used by households, which can be related to the availability of money transfer facilities in their locality.</p> <p>This proposed project is a follow-up to a Marsden funded project which examined effects of the remittances made by Pasifika immigrants in New Zealand on their remaining family in the Pacific and which also examined the dynamics of migrant assimilation. It therefore builds upon a body of existing research, expertise and contacts at Waikato, while providing feasible tasks that a promising student can undertake to experience the variety of research work involved in empirical development economics. Both the statistical research and the fieldwork can be built upon in future if the student wishes to pursue graduate research on the topic of remittance sustainability.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• Previous experience working in Pacific countries, especially Samoa</li> <li>• Advanced econometric modelling skills</li> <li>• Advanced coursework in development economics</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <p>Academic outcomes (a conference paper, a research poster, and submission to a refereed journal) plus a non-technical report made available via our project website: <a href="http://www.pacificmigration.ac.nz">www.pacificmigration.ac.nz</a> and also made available to the major website used by Pacific communities for remittance-related information: <a href="http://www.sendmoneypacific.org">www.sendmoneypacific.org</a></p> <p>This area of research is strategically relevant for the University of Waikato (in a way that I would not wish to advertise to students in the publicly available Abstract). The recent peer review of WMS by the EQUIS (European Quality Improvement System) accreditation team pointed out a concerning contradiction: despite the School's publicly stated goal of achieving global recognition as a leading school for sustainable business, the research on sustainability in WMS is limited to just a few scholars. It is very important therefore to broaden the scope of sustainability research in WMS to reduce the risk of losing accreditation and to also maintain the distinctiveness of WMS and the University more generally. The proposed research provides a novel way of extending sustainability research to a department that currently is not closely associated with this theme.</p>			

<b>FIELD:</b> Economics	<b>TITLE:</b> Impact of water quality on the value of property adjoining the Rotorua Lakes	<b>SUPERVISOR(S):</b> Dr Dan Marsh	<b>PROJECT #</b> 24
<p><b>ABSTRACT:</b></p> <p>Declining water quality has become an environmental issue of national concern in New Zealand. While the nation has experienced a general decline in point source pollution, non-point source pollution from agricultural activities remains the major source of water quality degradation. Among other factors, changing land use patterns and more intensive dairy farming have been identified as the major sources of falling water quality standards. The proposed research will focus on the impact of water quality on property value in the cluster of sixteen Rotorua Lakes.</p> <p>Current, water pollution abatement policies include the adoption of better land-management practices, creation of riparian buffer zones and building of wetlands near farmlands. However, while markets can provide reliable estimates of the costs of achieving some specified improvements in water quality, not all the benefits can be valued through market transactions. This study intends to fill some of the gaps in our knowledge by providing a quantifiable measure of the benefits of water quality in the Rotorua lakes using the well established non-market valuation technique – hedonic pricing. The hedonic pricing method is used to estimate economic values for ecosystem or environmental services that directly affect market prices. It is most commonly applied to variations in housing prices that reflect the value of local environmental attributes. The Rotorua lakes provide an excellent (and as yet unutilised) opportunity to undertake a hedonic analysis. This cluster of lakes includes lakes which range in quality from poor (suffering from frequent algal blooms, to near pristine). Many of the Lakes have significant numbers of properties adjoining the lakes. Anecdotal evidence suggests that the value of properties has been affected by falling water quality in some lakes.</p> <p>This research project was suggested by Don Atkinson – a retired valuer and member of the Rotorua Lakes Water Quality Society. We expect that he will be able to provide invaluable assistance in identifying the main factors (other than water quality) that affect property prices. The analysis will be conducted using existing secondary data from the rateable value data base. The student will be engaged in :-</p> <ul style="list-style-type: none"> <li>• Learning how to conduct hedonic analyses</li> <li>• Collection, collation and cleaning of the required data – from secondary sources</li> <li>• Some field visits to understand local conditions and talk to informed sources</li> <li>• Econometric Analysis</li> <li>• Writing up the results</li> </ul> <p>Once completed this research project will provide a better understanding of how water quality affects property values. This will assist in considering the benefits of policies that will improve water quality in the Rotorua Lakes.</p>			
<p><b>APPLICANTS:</b></p> <ul style="list-style-type: none"> <li>• Econometrics - the student should have a good understanding of econometrics at least to the level of ECON 304/504</li> </ul>			
<p><b>EXPECTED OUTCOMES OF PROJECT:</b></p> <ul style="list-style-type: none"> <li>• A better understanding of how water quality affects property values. This will assist in considering the benefits of policies that will improve water quality in the Rotorua Lakes.</li> </ul>			