



AUCKLAND UNIVERSITY OF TECHNOLOGY
TE WĀNANGA ARONUI O TAMAKI MAKAU RAU

Faculty of Health Studies

Annual Research Report

2000

Contents

	Page
Foreword	2
Introduction	3
1 Faculty Academic Staff	4
2 Faculty Research Office & Research Committee	10
2.1 Faculty Research Office	10
2.2 Faculty Research Committee	11
3 School & Department Research Highlights	13
3.1 School of Community Health and Sports Studies	13
3.2 School of Nursing and Midwifery	13
3.3 School of Occupational Therapy	14
3.4 School of Physiotherapy	14
3.5 Department of Psychotherapy and Applied Psychology	15
4 Faculty Research Centres and Groups	17
4.1 Neuromuscular Research Centre	17
4.2 New Zealand Centre for Evidence Based Nursing	17
4.3 National Centre for Health and Social Ethics	18
4.4 Pacific Islands Families Study	19
4.5 New Zealand Chinese Immigration Studies	20
4.6 New Zealand Gambling Studies	21
4.7 Psychology of Injury and Rehabilitation	22
4.8 Inter-disciplinary Trauma Research – a new research initiative	23
5 Research Seminars and Conferences	24
5.1 Faculty Research Seminars	24
5.2 Faculty of Health Studies Research Conference	25
5.3 Professorial Lectures	25
6 Faculty Scholarships and Awards	27
6.1 Fellowships and Scholarships	27
6.2 Faculty Travel Grants	28
7 Research Funding	29
7.1 Internal Funding	29
7.2 External Funding	30
8 Publications and other Outputs	32
8.1 Books	32
8.2 Book Sections	32
8.3 Journal Articles (Refereed)	33
8.4 Journal Articles (Unrefereed)	36
8.5 Reports	37
8.6 Conferences	38
8.7 Other Outputs	48
8.8 Staff Theses	51
8.9 Summary of Outputs	51
9 Graduate Student Research	52

Foreword

This report provides an overview of Faculty research activities and publications during 2000. A strength of the Faculty is its emphasis on applied research, collaborative projects with industry and community organisations, and research that informs teaching, learning and professional practice.

Research outputs have increased significantly over previous years, reflecting research activity on the part of existing staff, new appointees, and a more focused approach based on the Faculty research strategic plan supported by the Faculty Research Office. Expansion in postgraduate student numbers both reflected and contributed to the heightened research focus within the Faculty. Priorities for the next few years include the addition of further centres of specialisation and research excellence, an increase in external funding, sustained growth in research outputs across the Faculty, and a doubling in postgraduate research students.

Professor Max Abbott
Dean, Faculty of Health Studies

Introduction

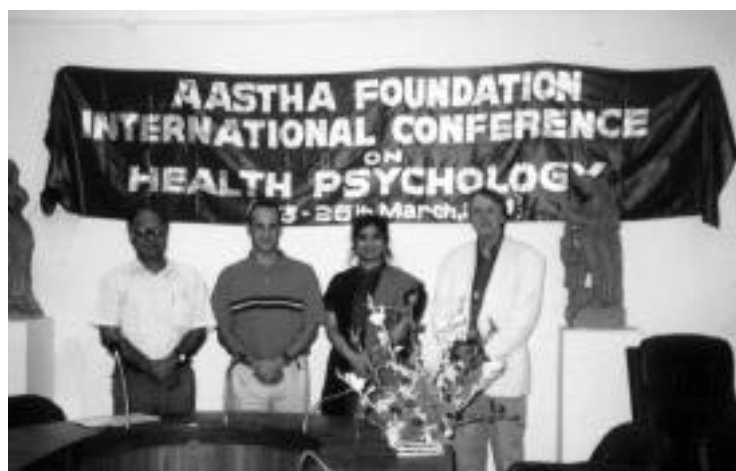
The Faculty of Health Studies has seen significant developments in the area of research over 2000. As is shown in this report, the Faculty has excelled in several research areas and further cemented its place in a number of health care fields. It is pleasing to see the increased research focus that has been adopted by all sectors of the Faculty, and that research is being used to inform what is taught to our undergraduate and postgraduate students.

In our first year as part of a University, the Faculty of Health Studies has markedly increased its research productivity in several domains: applications for research funding, research publications, conference presentations, and the number of staff involved in research. Several changes within the structure of the Faculty have contributed to this success. First, there have been several senior-level appointments made across the Faculty. These include an Associate Dean (Research), a senior Biostatistician, and Professors and Associate Professors in some Schools. Second, the Faculty Research Office has been reorganised and now provides a more streamlined service, involving consultancy on statistical methods, grant applications, and funding opportunities. As well, each School/Department has now appointed a Research Coordinator to take responsibility for research activities within their discipline. Further, the National Centre for Health and Social Ethics was founded, and has already had a significant impact on research within the Faculty. Finally, the growth in our postgraduate student body has been integral to the expansion of research activities within the Faculty.

I am pleased to say that this report reflects the broad and applied nature of much of the research undertaken in the Faculty. Cross-disciplinary relationships within the Faculty and University have increased. Research groups and individuals across the Faculty have also established strong collaborative research links with colleagues across New Zealand and around the world. This collaboration with other academic institutions, industry, and professional partners strengthens our research position and has resulted in visits from several international researchers.

In reading this report, I hope you will share my enthusiasm for both the research that has taken place in 2000 and the developments that will ensue over subsequent years.

Professor Gregory Kolt
Associate Dean (Research)



AASTHA Foundation International Conference on Health Psychology (Delhi, India)
Professor Gregory Kolt (AUT) pictured with collaborative research partners
Professor Narender Chadha, Dr Jyotsna Kalavar, and Professor Ludgar Veelken

1. Faculty Academic Staff

Office of the Dean

Dean

Professor Max Abbott - BA, BSc, MA(Hons), PhD, DipClinPsych, TColDip, MNZCCP, RegPsych, MRSNZ

Associate Dean (Research)

Professor Gregory Kolt - BSc, BAppSc(Phty), PhD, GradDipBehavHealthCare, GradDipEd, MAPS, RegPsych

Associate Dean (Academic)

Wendy Horne - BHSc(Nurs), MEd(Ed Admin), RGON

Associate Dean (Postgraduate)

Marion Jones – BA, MEdAdmin(Hons), RGON

National Centre for Health and Social Ethics - Director

Professor David Seedhouse – BA(Hons), PhD

Faculty Manager

Ruth Temple - BA, NZDipBus, ANZIM, JP

Faculty Registrar

Carol Wright - BA(Hons)

Research Director, Pacific Islands Families Study

Janis Paterson – BA, MA(Hons), PhD

Research Manager

Jim Borrows - MA(Hons)

Senior Research Fellow

Maynard Williams - BSc, MSc, DipTchg

Research Fellow

Sarnia Butler - BSc(Hons), MSc(Dist)

Senior Research Fellow and Biostatistician

Lynne Giles - BSc(Hons), MPH, AStat

Adjunct Professor

Adjunct Professor Phil Silva – DipTeach, BA, MA(Hons), PhD

Adjunct Associate Professor

Adjunct Associate Professor Michael Feehan – BSc, PgDipSc, MSc, DipCIP, PhD

School of Community Health and Sports Studies

Head of School

Henry Duncan - BSc, MS, PhD, DipTchg

Associate Professor

Patria Hume - BSc, MSc(Hons), PhD, ISAK3, SSN3, SMNZ, SMA, ISBS, ISB

Principal Lecturers

John Cronin - BEd, MA, DipHighPerformCoaching, DipPE, DipTchg

Ross Biggs - NZ Advanced Ambulance Aid (Paramedic), Member of Society of Radiographers

Colin McGough - BSc

Susan Shaw - BN, MEdAdmin(Hons), DipTchg, RGON

Senior Lecturers

Matthew Barker - BEd (Hons)

Simeon Cairns - BSc(Hons), PhD

Brenda Costa-Scorse - DipATE, RGON, BHSc(Nurs), NZ Level 1 Ski Patrol, NZ Qual Proficiency Ambulance Officer

Timothy Corbett - BPhEd, MBS, DipPH

Martin Dowson - BPhEd, MPhil

Lynette Edmonds - BHSc(Nurs), RGON

Jennine Fleming - MSc(Hons), GradDipTEd, NZCS, COP SCT

Paul Foreman - BSocSci, MSocSci

Terry Holloway - BA, RGON, RM

Fiona Goff - MSc

Susan Graham - BEd, MEd, DipTchg, TTC, HDipTchg, AdvDipTchg, DipRec&Sp, ScrutDip, AISTD(Ball), AISTD(Lat), MZFATD, Prof Gold (Nat NZFATD)

Mark Jones - BAgSci, DipTchg, NZOIA

Alice Knappstein - BSc, MSc, PhD

Simon Martin - BA(Hons), PgDip(Mkt)

Peter Mellow – GradDipTE (Tertiary)

Tui O'Sullivan - BA, DipTchg, DipProfEthics

Vikki Roadley - MCLinPharm, BPharm

Lecturers

Michael Bajko - BFA, C&GI of London Institute 706/1

Nigel Bryant - Nat Dip Ambulance and Emergency Care

Gaye Bryham - MA(Rec Man)

Nigel Harris - BPRT, SSNZ

Michael Harrison - BSocSci (Human Services)

Ray Hollingsworth - BSc, DipCreativeWriting, Master Counsellor (EFYA), NZOIA

Maria Hyde-Smith - CIBTAC, CIDESCO, Adult Education Teaching Cert

Bob Jarman - DipSport, BEd(Hons), CertEd

Andrew Mount - BEd, DipSecTchg, NZOIA

Nicola Power - IHBC, CIDESCO, City of Guilds 730 Teaching Cert, Adv Cert of TT, City & Guild BTh

Caroline Schoushkoff - IHBC

Chris Whatman - MAppSc, DipPhys, MNZSP, MCSP

Caryn Zinn - BSc(Hons), Nutrition & Dietetics, NZRD

John Rice - BHMS, DTchg

School of Nursing and Midwifery**Head of School**

Gil Stokes - BA, MA, MBA, RGN

Professor

Jo Ann Walton - BA, MA(Hons), PhD

Associate Professor

Lynne Giddings - BA(Hons), MN, PhD, RGON, RM

Principal Lecturers

Angela Bradley – MEd, GradDipEd, RCPN

Jackie Gunn - BA, ADN, RGON, RM

Marion Jones - BA, MEdAdmin(Hons), RGON

Bev McKean - BA, RGON

Brian McKenna - BA, MHSc(Hons), RCpN

Maria Rameka - BAppSc, RGON

Liz Smythe - BA, PGDip, PhD, RGON, RM

Deb Spence - BA, PhD, PGDip, RGON, RM

Senior Lecturers

Jenny Beale - BA, MEd, DipNsg, RCpN

Glennis Best - BA, RGON

Jacqui Chapman - BHSc(Nurs), ADNChild & Fam, DipNsg, RGON

Helen Garrick - ADN, RPN

Julieanne Hall - BA, RGON

Verna Harford - BHSc(Nurs), RGON

Ailsa Haxell - BA, MHSc, DipNsg, RCpN

Marion Hunter - BA, ADN, RGON, RM

Sue Johns - BA, RGON

Gigi Lim - BSN, MHSc, PGDipSocSci, RCpN

Tony MacCulloch - MEd(Hons), PGDipCouns, RGN, RPN

Rachel MacDiarmid - BSc, DipNsg, RCpN

Di Marshall - BA(SocSc), RGON

Ann McKillop - BA, MA(Hons), RGON

Caroline McKinney - BHSc(Nurs), DipBus-MD, RGON

Heather Nicolls - BA(Nurs), ADN, RGON

Debbie Payne - BA, MA(Hons), RGON

Faith Reed - BSc(Nurs), MHSc, RGN

Esther Rhodes - BA, DipNsg, RCpN

Susan Ritchie - DPH, MPH, RGN

Anneke Robinson - BA, GradDipAcp, RGON, RM

Louise Rush - BA, RGON, RCpN

Gill Shelah - BHSc(Nurs), ADN, RGON, RM

Sandra Simpson - BHSc(Nurs), DipNsg, RCpN, G.Cert

Naumai Smith - BA, MHSc, RGON

Roger Sorton - BHSc(Nurs), RGN, RPN

Bernice Tatton - BHSc(Nurs), RCpN

Sharon Vallant - BHSc, ADN, RGON

Rose Vos - BHSc(Mid), DipNsg, RCpN, RM

Tineke Water - GradDip, DipNsg, RCpN

Bernadette Wigley - BA, RGON

Lecturers

Anne Barlow - MA, PhD, ADN, RGON, RM
Adrienne Bell - RGON, RM, ADN, BHSc
Kristina Cassels-Brown - BHSc(Nurs), RGON
Jo Conaglen - BA, RGON
Mark Entwistle - BHSc(Nurs), ADN, RGON
Debra Gerrard - BHSc(Nurs), DipNsg, RCpN
Judy Gilmour - DipNsg, DipMid, BHSc(Mid), RCpN, RM
Mirita Gray - DipNsg, RCpN
Anne Hardie - BHSc(Nurs), BHSc(Mid), DipNsg, DipMid, RCpN, RM
Diane Hirst - BHSc(Mid), RGON, RM
Dawn Holland - BHSc(Mid), AND, RGON, RM
Debbie Jowitt - BHSc(Mid), RGON, RM
Louise Kelly - BHSc(Nurs), DipNsg, RCpN
Stephnie Long - BHSc(Nurs), RGON
Judith McAra-Couper - BA, RGON, RM
Barbara McKenzie-Green – DipCouns, MRCN, RN
Gael Means - BN, PGCert, RGON
Suzette Norris - PGDip, RGON
Susan Platt - BHSc(Nurs), DipNsg, RCpN
Susan Raleigh - ADN, PG Dip, RGON
Stephanie Vague - RGON, RM
Lois Watt - BHSc(Nurs), RGON
Terry Weblemoe - BA, MA, ADS, RCpN
Janet Williams - BA, CertTertTeaching, RGON
Grace Wong - BA, MPH, RCpN

School of Occupational Therapy**Head of School**

Valerie Wright-St Clair - MPH, DipBusStud(HealthMgmt), DipOT

Principal Lecturers

Janis Paterson - MA, PhD
Clare Hocking - MHSc(OT), DipOT

Senior Lecturers

Dene Hancock - BSc, DipPhys
Kate Meads - DipOT

Lecturers

Trecia Wouldes - MA
Nancy Wright - MEd
Daniel Sutton - BHSc(OT)
Tim Dunn - DipOT
Caroline Berg - DipOT

School of Physiotherapy**Head of School**

Andrea Vujnovich - MSc(Hons), PhD, AdvDipPhys(OMT), DipMT, DipPhys

Programme Leader

Lynne Taylor - MSc(Hons), Dip Phys, AdvDipPhys(MT), DipMT, DipPhys, NZSP

Professor

Peter McNair - PhD, MPhEd(Distn), DipPT, DipPhEd

Principal Lecturers

Cheryl Keals-Smith - GradDipPhys

Lynn Rochester - PhD, GradDipPhys

Wayne Hing - MSc(Hons), DipPhys, DipMT, AdvDipPhys(OMT)

Senior Lecturers

Sandra Bassett - BA, MHSc(Hons), DipPhty,

Diana Browne - GradDipPhty

Lynley Bradnam - MHSc(Hons), DipPhty, Dip MT, AdvDipPhys(OMT), RegPhysioAcu, NZSP

Elizabeth Culav - BPT, MHSc(Hons), DipPhys

Heather Clark - BSc, MHSc(Hons), DipPhys, DipTchg

Kate Haswell - BSc, MHSc(Hons), MT, DipPhty

Andrea Moses - MSc Med Sci(Hons), AdvDipPhys(OMT), DipPhty, RegPhysioAcu, NZSP

David Nicholls - MA, GradDipPhys, MCSP, SRP

Duncan Reid - BSc, DipPhys, DipMT, PGD(Manips), MNZCP

Jenny Stewart - MPh, DipPhys

Lecturers

Erik Dombroski - DipPhys, AdvDipPhys (OMT)

Diana Horner - BSc(Hons)

Nancy Latham - MSc, BSc(PT)

Ken McGrath - MSc(Hons), LIBiol, VRD

Julie Reeves - DipPhys, MHSc

Stephen Stanley - MPhEd(Dist), BPhEd, BHSc(Physio)

Clinical Educators

Elizabeth Binns - DipPhys

Diana Browne - GradDipPhty

Leigh Keefe - DipPhys, PGD(Manip)

Pamela Russell - DipPhys

Nicole Taylor - BPhty

Lisa Weaver - BHSc(Phys), PGD(Sportsmed)

Department of Psychotherapy and Applied Psychology***Head Of School***

Peter Greener - MPP, DipBusSt, CQSW, MNZAP, MIPP

Lecturers

Tanya Aspell - PgDipChildPsychotherapy, MNZACAP

Evelyn Baker-Sander - BSc, MA(ClinPsych), MNZCCP

Caril Cowan - BHSc(Nurs), CertAdEd, RGON, MANZPA, MCNA(NA)

Helen Curreen - MA, PgDipSocRes, DipTchg

Andrew Duncan - PhD, NZAP, MNZPsS, AAMFT

Jonathan Fay - PhD, MNZPSS, MNZAP

Josie Goulding - DipPsychotherapy, DipSexualHealthCounselling, MNZAC, RCPN,

Mihiteria Wharetohunga King - GradDipPsychotherapy

Jocelyn Moloney - BA(Soc), MA(Nurs), DipSocSci, RGON, RM

Brigitte Puls - Clinical Psychologist(BDP), MNZPsS, MNZAP

Warwick Pudney - BA, MAppSc, DipTchg, DipSocSc, NZAVPW

Evan Sherrard - BAgSci, MA, DipTheol, STM, RegPsyc, MNZAP, TEP-ANZPA, TSTA-ITAA

Susan Sherrard - BN, DipPsychotherapy, RCompN, MNZAP

Carol Shinkfield - GradDipClinChildPsychotherapy, MNZAC, Grad Member NZACAP

Paul Solomon - BA, PGCE, DipAppBehavSt, DipAppSocSci, CQSW

Caroline Witten-Hannah - BA, GradDipChildPsychotherapy, MNZAC

Margot Woods - BA, MA(Hons), MNZAP

2. Faculty Research Office & Research Committee

2.1 Faculty Research Office

For the year 2000, there was a re-organisation of the staffing and structure for the Faculty Research Office. The previous structure of two part time research coordinators was replaced with the substantial appointment of the Faculty Associate Dean (Research). Professor Gregory Kolt (previously at La Trobe University in Melbourne) took up this new position in May. Jim Borrows remained as Faculty Research Manager and the previous establishment of part time secretarial support was complemented by another appointment of Joanne Ryland as Personal Assistant to the Associate Dean (Research).

Maynard Williams remained in the office (part time) as a biostatistician servicing the needs of senior students, staff and the Pacific Islands Family Study. However, biostatistical services in the Faculty were considerably strengthened by the appointment of Lynne Giles, as a Senior Research Fellow (Biostatistics) in February. Lynne was previously at Flinders University of South Australia.

Following the arrival of Professor Kolt, the roles and structure of the Faculty Research Office were reorganized to complement the Faculty's overall strategic plan. They have been divided into those pertaining to management and administration, consulting and service, strategic development and external.

Management and Administration

- Monitor all information from across the Faculty in relation to research grant applications.
- Collect and collate information on research output and other research activities from the Faculty.
- Preparation of annual Faculty of Health Studies Research Report.
- Provide assistance with developing further research infrastructure within the Faculty (e.g., research laboratory space, equipment, research assistants, postgraduate student facilities).
- Organise and run seminars for presentation of all Faculty-funded conference presentations
- Explore ways of increasing Faculty-based research funding to seed developing research programs.
- Disseminate information to staff on research-related seminars and workshops.
- Disseminate information on Faculty research developments to all staff.

Consulting and Service

- Provide methodological and statistical consultancy to staff and postgraduate students undertaking research.
- Provide assistance to staff and postgraduate students undertaking research with developing grant applications.
- Provide assistance to staff and postgraduate students undertaking research with developing new research areas.
- Provide assistance to staff with setting up new Research Centres.
- Provide assistance to staff with setting up collaborative research (within Faculty, University, or external).
- Provide assistance to staff and postgraduate students undertaking research with locating appropriate grant and scholarship resources.
- Provide assistance to staff with preparation of papers for publication.
- Provide assistance to Schools, Departments, and Research Centres/Units with developing and reviewing their Research Key Strategic Objectives.

Strategic Development

- Organise annual symposium for all research centres and major research groups within the Faculty.

- Encourage and assist in the organisation of visiting research fellows/sabbatical fellows.
- Organise biennial health research conference.
- Establish and maintain links with relevant national research institutions and grant agencies.
- Monitor the focus and quality of grant applications being submitted by Faculty staff.
- Develop and maintain a skills inventory of Faculty staff for external consultancies and development of specialist workshops.

External

- Monitor external developments (e.g., government policy, granting agency policy) in health care research and health care practice that impacts on research.
- Monitor research requirements of external institutions that the Faculty may be able to collaborate with.

2.2 Faculty Research Committee

The Faculty Research Committee meets on a monthly basis throughout the academic year. The membership structure, purpose, and terms of reference of the committee were reviewed during 2000 to support the changes in School/Department structures and the increased research focus from within the Faculty and University.

Membership:

- Associate Dean (Research) – Chairperson
- Dean (ex-officio)
- Research Manager
- One representative from each School/Department
 - Physiotherapy
 - Occupational Therapy
 - Nursing and Midwifery
 - Community Health and Sports Studies
 - Psychotherapy and Applied Psychology
- One representative from each Faculty-based Research Centre or Research Unit
 - National Centre for Health and Social Ethics
 - Pacific Islands Families Study
- One representative from the Faculty Research Office
- One Postgraduate Programs representative
- One library representative
- One Te Komiti Maori representative

Purpose:

The Faculty of Health Studies Research Committee aims to develop and support research within the Faculty in keeping with the wider strategic directions and responsibilities of the Faculty and University as a whole. This includes acknowledging, accepting, and seeking to fulfil the principles of the Treaty of Waitangi and recognising that the achievement of partnership with the Tangata Whenua is a matter of priority.

Terms of Reference:

1. Monitor the development of research and associated scholarly activities within the Faculty of Health Studies, taking account of ethical and other relevant issues.
2. Assist the Associate Dean (Research) in developing and implementing strategies for strengthening the research culture in the Faculty of Health Studies.
3. Encourage research activities in the Faculty of Health Studies which meet Maori cultural and educational needs and aspirations.

4. Promote a national and international research perspective with the use of visiting scholars.
5. Be an advisory body to the Associate Dean (Research) and Research Office of the Faculty of Health Studies on matters relating to research (e.g., research infrastructure, attracting research personnel to adjunct and postdoctoral positions).
6. Assist in effective communication on research issues between the Faculty of Health Studies (and Research Office) and Schools/Departments.
7. Promote the dissemination of staff and student research findings within the Faculty, University, and broader academic and public setting.
8. Report, via the Associate Dean (Research), to the Health Studies Faculty Board on research activities and output across the Faculty.

3. School & Department Research Highlights

3.1 School of Community Health and Sports Studies

Research Co-ordinator: Associate Professor Patria Hume

The School of Community Health and Sports Studies aims to conduct international level research in the area of community health and sports studies that can advance knowledge and inform professional practice, teaching and learning. Research projects are focused in three main areas: Exercise Science; Health and Wellness; Dance and Outdoor Education.

The School has an active postgraduate programme with 3 full-time PhD students, 15 Masters students, and 2 full-time medical research elective students.

Dr Simeon Cairns has been investigating the role of sodium and potassium in muscle fatigue using animal models. John Cronin conducted a series of studies on the physiology and mechanics of strength and power development. Establishing the effects of load on strength and power techniques will provide a better understanding of how these techniques may be used to better performance. The nature and implications of the stretch-shorten cycle have been examined. Susan Graham has conducted a philosophical investigation of what constitutes a quality dance educator. Susan Shaw has been exploring how the curricula and socialisation of medical and nursing education in NZ impact on the attitudes students have towards people experiencing chronic pain. Peter Mellow and Patria Hume were part of an international team that conducted an assessment of the relationship of body size and shape and boat set-up for rowers and kyakers at the Sydney Olympic Games.



3.2 School of Nursing and Midwifery

Research Co-ordinator: Professor Jo Walton

The inaugural meeting of the School of Nursing and Midwifery Research and Scholarship Committee was held during August 2000. This replaced a small but active group of Principal Lecturers who had facilitated research activities including: supporting individual staff, research forums and workshops, conferences and coordination of national and international visiting researchers. The new committee consisted originally of members known to be actively involved in research but is now open to all interested persons. The committee meets monthly and has formulated written terms of reference that reflect the School, Faculty and University key strategic objectives.

A system for informing lecturers of research activities within the School, Faculty, AUT, nationally, and internationally was established and appears to be working effectively. Working groups were set up to assist staff with research publication activities. These groups

provide feedback on research proposals and funding and ethics applications. These groups have been helpful in producing publications in international refereed professional journals.

A successful two-day Research Scholarship 'V' & Practice (RSVP) Conference for the Auckland area was run in November. There were over 20 presentations and nearly half of these were by School lecturers. It is proposed to have methodological workshops involving internationally recognised nursing and midwifery scholars in November/December 2001. These workshops will be open to persons outside of nursing and midwifery.

Beginning steps were taken to produce a Journal of Abstracts reflecting staff's research activities for 1999 – 2000. As this will be the first journal of its kind for the School, it will also include staff dissertation and thesis abstracts, as well as all staff publications from refereed journals.

The year 2000 saw the appointment of the first Professor of Nursing, Jo Ann Walton.

3.3 School of Occupational Therapy

Research Co-ordinator: Dr Janis Paterson

Contributing to the knowledge about human occupation, that is all things people do to occupy their time, has been a key focus for research activities in the School of Occupational Therapy. Highlights include the *Older Women's Experience of Food-Centred Occupations* study headed by Valerie Wright-St. Clair and Clare Hocking. This collaborative, cross-cultural project involves research teams at AUT, Chiang Mai University in Thailand, and Eastern Kentucky University in the USA. Funding for the New Zealand arm of the study has come from an AUT Contestable research grant and from an Asia 2000 Foundation of New Zealand grant. Data collection was completed in 2000, and preliminary findings will be reported at the Australian Occupational Therapy Association conference in Brisbane in April 2001. Planning for publication of findings is under way.

Other occupational science involvements have been Clare Hocking's invited presentation to the *Third Australasian Occupational Science Symposium* in Albury, NSW Australia in September and her ongoing editorship of the *Journal of Occupational Science*, a publication jointly sponsored by AUT, the University of South Australia, and the University of Southern California.

Valerie Wright-St. Clair, the Head of School, had the honour of being selected for the *Frances Rutherford Lecture Award* in 2000, the highest award from the New Zealand Association of Occupational Therapists. Valerie's lecture, *Caring: The moral motivation for good occupational therapy practice*, was a keynote address at the NZAOT conference in Rotorua in September. It was one of eight presentations at the conference by lecturers or graduate students of the School.

Another research focus for the School has been Dene Hancock's study, *Psychological Reactions of Medical, Physiotherapy and Occupational Therapy Students to Cadavers*. Data analysis was largely completed in 2000 and Dene is currently working with research partners Emeritus Professor Tony Taylor of Victoria University, Maynard Williams of AUT, and Dr Brenda Dawson of the University of Auckland to prepare the findings for publication.

3.4 School of Physiotherapy

Research Co-ordinator: Professor Peter McNair

The School of Physiotherapy was involved in a number of research activities in 2000. Individual research activities ranged from qualitative studies investigating the perception of Maori toward physiotherapy, health and illness to quantitative studies investigating changes

in spinal cord interneurons in subjects with hemiplegia and in articular cartilage with osteoarthritis. The majority of the research was clinically focused and much of it was undertaken in the Neuromuscular Research Centre which is located in the School of Physiotherapy (see separate report).

The School was also involved in a number of collaborative projects with the University of Auckland investigating changes in the motor cortex and spinal cord with exercise, manipulation, or total knee joint replacement. A large clinical trial also commenced with the University of Sydney. A number of lecturers were successful in receiving internal or external funding grants to support research. In this regard, The Health Research Council of New Zealand, Maori Health Division also funded summer studentships to a total of \$16,000.

The number of research outputs in referred journals increased to 18 and a further 7 were published in unreferred journals and medical newsletters. One book was published and lecturers conducted 36 conference presentations, five of which were keynote or invited speaker addresses. With regard to postgraduate study, one PhD thesis and two MSc theses were published. In addition, one lecturer completed her PhD and two others are in the process. A further 5 lecturers are enrolled in MSc degree programme.

We look forward to future developments in the research activities of the School with particular regard to increasing our involvement with industry in 2001.

3.5 Department of Psychotherapy and Applied Psychology

Research Co-ordinator: Dr Stephen Appel

The Department of Psychotherapy and Applied Psychology had an eventful year during 2000, with staff involved in a wide range of research activities. Of significant note was the completion by two psychotherapists, Gudrun Frerichs-Penz and Jen Green, of the first psychotherapy theses within the Master of Health Science. These are the first of over 25 post-experience psychotherapists to complete the requirements for an MSc. Also exciting was to have the first PhD candidate in the Faculty, Kerry Gould, who was also the recipient of one of the inaugural AUT Doctoral Scholarships. Kerry is supervised by Dr Andrew Duncan from the Department, and by Dr Hans Everts from the Department of Education at the University of Auckland, giving substance to the alliance agreement between the two universities.

Another major alliance during the year was between AUT and the British Council, who together hosted the international conference *Turning the tide – A new approach to conflict resolution*, held at Akoranga on 23/24 November and attracting more than 170 participants. The conference brought together a raft of well known speakers from New Zealand and the UK to provide a unique cross-sectoral approach to conflict resolution. Perhaps the best known keynote speaker was John Pilger (International Journalist), but we also had Professor Brice Dickson (Chief Commissioner for Human Rights for Northern Ireland), Chief Judge Jo Williams (Maori Land Court), Professor Marianne Hester (University of Sunderland), Merepeka Raukawa-Tait (Chief Executive, NZ Womens Refuge), Cameron Bennett (T.V. Journalist), Brigadier Peter Pearson (Assistant Chief of Staff, Head quarters, British Army), and Maire Leadbetter (Auckland City Councillor and Peace Activist). The Conference Facilitator was Peter Greener, and the Chair was Professor Sir Paul Reeves. The conference was preceded by an intensive 3 day workshop for 20 bright young leaders and potential leaders from a very wide range of government and non-government organisations.



Neuromuscular Research Centre –
Professor Peter McNair and Postdoctoral Fellow
Dr Eadric Bressel using a kinetic communicator to measure
ankle function after Achilles tendon rupture.

4. Faculty Research Centres and Groups

4.1 Neuromuscular Research Centre

Director: Professor Peter McNair, School of Physiotherapy, Auckland University of Technology

Email: peter.mcnair@aut.ac.nz

The past year was a productive one for the Neuromuscular Research Centre. With respect to publications, sixteen papers were in press or published in peer reviewed national and international journals. Furthermore, an invited review was sought by the International Journal of Sports Medicine on the efficacy of back belts. A further ten papers are currently in the review process for international journals. Staff and students undertook 24 presentations at national and international conferences of which five were keynote or invited speaker addresses.

Dave Hewson, a postgraduate student in the Centre, was awarded Young Scientist of the year by the Australian and New Zealand Society of Biomechanics. Andrea Vujnovich, a Director of the Unit was awarded her PhD from the University of Auckland. Steven White, a postgraduate student in the Unit was awarded 1st class honours for his Master of Health Science degree.

Dr Eadric Bressel completed his Post-doctoral Research Fellowship. Eadric was working on projects related to viscoelasticity and proprioception in patients with Achilles tendon ruptures and patients who had sustained a stroke. Eadric has since been awarded a Foreign Research Scholarship by Utah State University to return to our Unit in 2001 for a short duration to undertake further research. Early in 2001, two new postgraduate research fellows will commence their studies in the Centre. Currently, there are 14 postgraduate research students working on projects toward Masters or Doctoral degrees.

With respect to working with industry, further research was undertaken with Dunlop Bedding Ltd. These tests assessed the effects of different types of mattress construction on support, comfort and relaxation. The Centre also completed work with the RNZAF, in collaboration with Professor R.N. Marshall at the University of Auckland. This research was examining aspects related to pilot training and safety.

With respect to grant applications, the Centre was successful in obtaining funds from the New Zealand Society of Physiotherapists for projects related to back pain in rowers; the effects of fatigue on lifting kinematics; and gait analysis of children with cerebral palsy.

The Centre is closely involved with two large clinical trials. The first concerns total knee joint replacement. This project is in collaboration with Dr Harry Prapavessis at the University of Auckland and Ms Amanda Knight from Middlemore Hospital. The second clinical trial is examining the effects of exercise on patients with sub-acute back pain. It is being undertaken in collaboration with researchers from the University of Sydney.

4.2 New Zealand Centre for Evidence Based Nursing

AUT Contact: Professor Jo Walton, School of Nursing & Midwifery, Auckland University of Technology

Email: jo.walton@aut.ac.nz

The New Zealand Centre for Evidence Based Nursing is a collaborative research centre, formed in partnership between AUT and Auckland Hospital. The NZ Centre is affiliated with the Joanna Briggs Institute for Evidence Based Nursing and Midwifery in Australia. Collaborative links are strengthened through the corporate membership: the NZ centre has

seventeen corporate members, including three health care providers in the South Island and eight health care providers and educational institutes in Auckland.

The primary aim of the Centre is to work toward research utilisation in nursing and midwifery practice. This is achieved through summarised evidence, randomised controlled clinical trials, dissemination strategies, and short courses and workshops on evidence based practice. The New Zealand Centre for Evidence Based Nursing contributes regularly to the New Zealand Evidence Based Healthcare Bulletin, published in conjunction with the New Zealand Guidelines Group.

Activities in 2000 included workshops in Auckland and in Christchurch. A systematic review on Suctioning Patients with an Artificial Airway was published and the evaluation cycle for the Best Practice Information Sheet on Suctioning was commenced. A clinical practice guideline on chronic leg ulcers was completed, published, and disseminated. Other work in progress includes an Economic Model for Management of Venous Leg Ulcers, which is due for completion in 2001. During 2000 the Centre also hosted visiting researchers from Canada, Singapore, and the United Kingdom.

4.3 National Centre for Health and Social Ethics

Director: Professor David Seedhouse, Faculty of Health Studies, Auckland University of Technology

Email: david.seedhouse@aut.ac.nz

The National Centre for Health and Social Ethics was established in May 2000, and launched in November. As a new unit at AUT the main focus is on establishing an infrastructure and developing teaching programmes.

There are five PhD research students currently enrolled. Topics being researched include

- Holism
- Maori Health Promotion
- Dignity in Mental Health Care
- Barriers to interprofessional collaboration
- The Basis of decision-making in medical ethics

The Centre's Director published a text, *Practical Nursing Philosophy: The Universal Ethical Code* in October 2000, he is submitting two papers on dignity for publication and preparing a further two invited papers for refereed journals - all will be published in 2001. The Centre's Director will be publishing a further book *Health: The Foundations for Achievement (2nd edn.)* in May 2001.

The Centre has a newly appointed senior lecturer in health law and policy, Kate Diesfield.

4.4 The Pacific Islands Families Study

Directors: Dr Janis Paterson, Faculty of Health Studies, Auckland University of Technology

Email: janis.paterson@aut.ac.nz

Dr Colin Tukuitonga, Pacific Health Research Centre, University of Auckland

Website: www.aut.ac.nz/faculties/health/research/pif/index.shtml

The Pacific Islands Families Study (PIF) is a prospective, longitudinal study of a cohort of approximately 1400 Pacific new-born, their mothers and fathers over the first two years of the child's life. The aim is to provide information on cultural, economic, environmental, psychosocial, health and service utilisation that are associated with child development and family functioning. The longitudinal design will allow the determination of how such factors influence positive and negative child and parent outcomes over time. Interviews are being conducted with mothers six weeks after birth and will be conducted with mothers and fathers at the child's first and second birthdays. Additional information will be provided from Plunket and Middlemore Hospital records.

Significance

The PIF Study will provide Pacific communities, policy makers, health and social service providers with information to enable improved services for Pacific people. It will assist communities with information to drive local health and social initiatives. This study is particularly important given the projected increase in the Pacific population in New Zealand over the next 30 to 40 years.

Professionals working with Pacific families have expressed the difficulties of operating in systems where relevant data are lacking. The multi-disciplinary and longitudinal nature of the PIF Study will create much needed culture-specific, comprehensive data providing professional and agency end-users and policy makers with the information to make decisions closer to the needs of communities.

The knowledge generated will have direct effects on Pacific people by enabling communities to utilise pertinent information and work towards change.

Funding

The PIF Study is jointly funded between the Foundation for Research Science and Technology (indicative funding for six years) and the Health Research Council (until September 2000). Other funding comes from the Faculty of Health Studies of the Auckland University of Technology, the Maurice and Phyllis Paykel Trust, and the ASB Charitable Trust.

Key Achievements

A pilot for the study was completed in 1999 and reported to a joint HRC/FRST site visit committee. 100% of mothers agreed to be contacted post-hospital. 91.4% of mothers and 69.6% of fathers were interviewed at six-weeks. During August 2000 the pilot group was followed-up for a 12 month Pilot Study. Recruitment for the Main Study commenced in March 2000. Hospital recruitment concluded on 19 December, 2000. Of the 1646 eligible mothers, 1593 agreed to participate leading to an excellent consent rate of 98%. By the end of the year, 1136 interviews had been conducted with the mothers, by the team of five trained Pacific interviewers. Preliminary analyses are being conducted on the first 500 cases. Full analyses will occur at the completion of each of the three data collection phases. The Study is successfully progressing towards all anticipated outcomes.

Information Transfer

The PIF Study has the potential to contribute significantly to health policy and services relevant to Pacific families in New Zealand and will be of significant benefit to agencies and policy makers that work with Pacific families. Outputs will combine information obtained from the three Foundation for Research Science and Technology (Public Good Science Fund) objectives as well as information obtained in the context of the Health Research Council

contract. In consultation with the PIF Pacific Peoples Advisory Board we will share preliminary findings with community agencies such as PACIFICA Inc., FLEP, Royal NZ Plunket Society, and other stakeholders and academia.



Pacific Islands Families Study
Research Recruiter Amy Schuster (right) working with
a mother and child

4.5 New Zealand Chinese Immigration Studies

AUT Contact: Professor Max Abbott, Faculty of Health Studies, Auckland University of Technology

Email: max.abbott@aut.ac.nz

Chinese have always been the largest non-European/non-Polynesian ethnic group in New Zealand. The 1996 census recorded over eighty thousand New Zealanders of Chinese descent, making this group the fourth most populous behind Europeans / Pakehas, Maoris and Samoans. This sector of the population increased markedly during a new or “third wave” of Chinese migration that occurred following changes to New Zealand’s immigration policies in 1987. The wave peaked in 1995 when approximately 25,000 permanent residencies were granted from Northern Asia, the majority from Taiwan, Hong Kong and China.

Migration involves numerous adjustments to life in the new country. To examine such adjustment amongst the New Zealand Chinese population, Professor Max Abbott (Dean of the Faculty of Health Studies), Maynard Williams (Senior Research Fellow), and Lynne Giles (Biostatistician), all at AUT have been working with a group of Chinese researchers, Drs. Sai Wong, Ming Au and Wilson Young.

An initial study by this team involved a community survey of 271 recent Chinese migrants aged 15 years and older living in Auckland. The majority of respondents came from Hong Kong and Taiwan. Two reports were produced, the first focusing primarily on self-rated adjustment, health and service utilisation by respondents. A second paper was concerned with identifying and assessing the relative importance of predictors of self-rated adjustment and psychiatric morbidity of the migrants.

A second study was undertaken to assess social relationships, stress and health in older Chinese migrants living in Auckland. One hundred and sixty two participants responded to a

questionnaire. A manuscript is currently being prepared concerning the relationship of depression to a variety of measures encompassing social relationships, morbid conditions, self-rated health, health service utilisation, acculturation and stressful life events.

4.6 New Zealand Gambling Studies

AUT Contact: Professor Max Abbott, Faculty of Health Studies, Auckland University of Technology

Email: max.abbott@aut.ac.nz

With more casinos opening in New Zealand every year and games such as lotto and instant kiwi remaining popular, the need to research problem gamblers has become increasingly important.

Professor Max Abbott, Dean of the Faculty of Health Studies at AUT, and Dr Rachel Volberg, principal at Gemini Research USA, lead a consortium of researchers who have been commissioned by the Department of Internal Affairs to conduct the *New Zealand Gaming Survey*. Both are regarded as international leaders in the area of gaming research.

The intent of the research is to inform Government policy on gaming and responses to problem gambling, contribute to local scientific knowledge in the field of gambling studies and provide information relevant to stakeholder and end-user organisations that have an interest in gaming and/or problem gambling.

Five reports on gaming have been completed. The two final reports will be released by mid-2001.

The first report was a review of international literature on gambling participation and prevalence.

The second report, *Seven Years On: A Follow-Up Study of Frequent and Problem Gamblers Living in the Community*, documented the results of interviews with 143 people who were frequent and problem gamblers, and were originally interviewed in 1991. The findings indicated a significant reduction in gambling related problems in the group since 1991. However, people with more severe problems, comorbid alcohol problems, and/or a preference for track betting had poor outcomes. The survey was the first of its type in the world.

The other reports included:

- An investigation into the prevalence of gambling and problem gambling in New Zealand.
- Gambling and problem gambling among recent women prisoners.
- Gambling and problem gambling among recent male prisoners.

The researchers found that prison inmates experience much higher rates of problem gambling than the general population. However, the research shows that the problem is far more extensive than that. A wider cross-section of society, in particular more women, have gambling problems today than in the past. Today, 50,000 New Zealanders aged 18 and over currently experience gambling problems. Between 58,000 to 107,700 adults experienced gambling problems at some stage during their lives. The Lotteries Commission and the Problem Gambling Management Committee funded the survey.



Professor Max Abbott

4.7 Psychology of Injury and Rehabilitation

AUT Contact: Professor Gregory Kolt, Faculty of Health Studies, Auckland University of Technology

Email: gregory.kolt@aut.ac.nz

Studies of the psychological aspects of injury and rehabilitation have been carried out by Professor Gregory Kolt in collaboration with researchers in New Zealand and abroad. A particular focus has been the area of adherence to rehabilitation with collaborative projects in place with AUT and Springfield College, USA. Papers have been published in international journals and work presented at international conferences.

A further major project recently commenced is investigating the role of a stress management programme in reducing injury and stress levels in sportspeople. This work, being conducted by Professor Kolt and Associate Professor Patria Hume, involves links with national sporting bodies. This work, funded by the AUT Contestable research fund, will continue in 2001, and has seen the appointment of a Research Assistant to help with the project.



4.8 Inter-disciplinary Trauma Research: A New Research Initiative

AUT Contact: Dr Lynne Giddings, School of Nursing and Midwifery, Auckland University of Technology

Email: lynne.giddings@aut.ac.nz

In October 1999, Dr Lynne Giddings (Associate Professor, School of Nursing and Midwifery) following discussion with Helen Curreen (Senior Lecturer, Psychotherapy and Applied Psychology), met with staff to explore the possibility of developing a shared research focus between the School of Nursing and Midwifery and the Department of Psychotherapy and Applied Psychology. After discussion it was agreed that a mutual area of interest was "trauma". The idea was later floated of setting up a "Trauma Research Centre". Such a centre was seen as having the potential to involve staff across the Faculty and specialties, attract funding to the Faculty and AUT, involve clinical communities, establish connections with other Trauma Centres and researchers nationally and internationally, and involve students at the Masters and Doctoral level.

In November 1999, Faculty funding was obtained to explore the feasibility of developing a Faculty Trauma Research Centre. A Research Assistant, Jan Wilson, was appointed to undertake the feasibility project.

The core task of this project has been consultation with as many staff as possible from all sectors of the Faculty of Health Studies. It was decided to use the term 'trauma' broadly so as to be inclusive of the commonalities evident within physical, psychological and cultural traumatic experiences. Also, to reflect the range of meanings used within the context of the different health disciplines. Trauma within all these contexts, however, shares the qualities of being sudden, unexpected, and out of the ordinary. All such experiences can create long lasting effects and are often perceived as being outside of personal control. Consultations took place with both groups and individuals.

From discussions, three priority areas emerged within the context of maintaining both an inter-disciplinary approach and a bi-cultural commitment. These areas for research were:

- Trauma and marginalized groups.
- Trauma in institutional, pre-hospital and rehabilitation contexts.
- Trauma, learning and the education of health professionals.

Currently, strategic and business plans for the proposed Interdisciplinary Trauma Research Unit are being developed.

5. Research Seminars and Conferences

5.1 Faculty Research Seminars

The Faculty has a regular programme of research seminars, fora and workshops. Presentations for 2000 were as follows:

Sandra Bassett, School of Physiotherapy, AUT

"Perceptions of Health and Illness of Maori Identifying with Ngati Tama Iwi"

Dr Phil Silva, Emeritus Director, Dunedin Multidisciplinary Health Development Study

"Research Grant Funds : How to Shake Them Loose"

Lynne Giles, Research Biostatistician, Faculty of Health Studies, AUT

"The Australian Longitudinal Study of Ageing – (1) Design and recruitment"

Lynne Giles, Research Biostatistician, Faculty of Health Studies, AUT

"The Australian Longitudinal Study of Ageing – (2) Changes in Mobility"

Tim Corbett, School of Community Health and Sports Studies, AUT

"Physical Activity and Health Promotion – An Interactive Web based Approach to Exercise Behaviour Change"

Professor Max Abbott, Dean, Faculty of Health Studies, AUT

"The New Zealand Gaming Survey – Some Results"

Dr Chanpen, Director, Thailand Longitudinal Child Study

"The Thailand Longitudinal Child Study"

Jan Wilson, Department of Psychotherapy and Applied Psychology, AUT

Associate Professor Lynne Giddings, School of Nursing and Midwifery, AUT

Helen Curren, Department of Psychotherapy and Applied Psychology, AUT

"Trauma Research"

Associate Professor Kim Bennell, Director, Centre for Sports Medicine Research and Education, School of Physiotherapy, The University of Melbourne

"Exercise and the Skeleton - Is it worth it?"

As well as Research Seminars, a series of Clinical Education and Training seminars were run by the Faculty.

Susan Graham, Community Health & Sports Studies, AUT

"Extending the Learning Boundaries Through a New Theory Based Pedagogical Approach"

Tony MacCulloch, School of Nursing & Midwifery, AUT

"Challenging the Throne Without Losing Your Head - Survival and Success Strategies for the Transformative Educator"

Susan Shaw, School of Community Health & Sports Studies, AUT

"Chronicity in the Curriculum: Should the Patients be Part of the Team?"

Margot Woods, Department of Psychotherapy & Applied Psychology, AUT

"Process Groups as Part of Psychotherapy Training"

5.2 Faculty of Health Studies Research Conference - “Health Policy, Practice and Research in the 21st Century - Making a Difference”

AUT Contact: Jim Borrows, Faculty of Health Studies, Auckland University of Technology
Email: jim.borrows@aut.ac.nz

Further information is available on the conference web site:
<http://www.aut.ac.nz/conferences/healthpolicy>

A Faculty Committee, convened by Faculty Research Manager Jim Borrows, has been planning an international research conference for 7-9th May, 2002. The conference is planned to be the inaugural in a series of such conferences to be held on a biennial basis.

The initial conference will have two distinct themes; the first relating to the application of health research to health policy, health education/promotion and health practice, and the second, highlighting some of the range of research methodologies currently used to address health policy, health education and health practice problems.

Although the programme will encompass themes in which the Health Studies Faculty has particular expertise, contributions will not be limited by a specific health disciplinary focus and will include contributions from other human science disciplines as well as health.

The conference programme features internationally and nationally recognised invited keynote speakers. The pre-conference workshops will be led by world recognised experts in a variety of methodologies and approaches.

5.3. Professorial Lectures

The year 2000 saw the inaugural Professorial Lectures in the Faculty of Health Studies. Lectures were given by Professor Max Abbott, Professor Gregory Kolt, and Professor David Seedhouse.

Professor Max Abbott

Reflections on taking the psychosocial pulse of New Zealanders: from stress, sex and alcohol to aging, gambling and migration.

The term psychosocial pulse was introduced by the author in the early 1980's to focus government and public attention on individual and social wellbeing and act as an antidote to the prevailing policy preoccupation with narrow financial goals and indicators. This paper discusses examples of research and related activities engaged in by the author during the past two decades that illustrate aspects of the 'psychosocial pulse' concept. Areas covered include alcohol, sex and gender, stress, ageing, gambling and migration.

Professor Gregory Kolt

Minding the Injury: Integrating psychological and physical aspects of injury management.

In recent times, participation in sport, exercise, and physical activity has dramatically increased, resulting in a greater potential for, and incidence of, physical injury. The costs associated with rehabilitating such injuries, the loss of work and physical activity time, the risk of long-term disability, and the consequent reduced quality of life are major public health problems. Consequently, authorities such as the World Health Organization have emphasised the importance of continuing research on exercise-related injuries. Although historically, the primary focus of managing such injuries has been on treating the overt physical problems, an increasing trend is emerging toward integrating psychological factors that can influence physical injury and rehabilitation. Specifically, developing a more holistic

approach to injury rehabilitation will be discussed; a method that emphasises the integration of psychosocial and physical care when dealing with injured physical activity participants.

Professor David Seedhouse

Witches, ghouls and smokers: why we need humane theories of health

This paper discusses three elementary conceptual errors in medicine:

- 1) The Ethics Myth
- 2) Evidence First, Values Second
- 3) The Category Mistake

The first error is that ethics is a separate concern from everyday medical practice, the second is that evidence can be selected without the use of values, and the third is that health and disease are opposite poles on a continuum. These mistakes are made plain and – using the real case of a witch who was incarcerated wrongly by the New Zealand mental health system – an innovative theory of health that avoids the errors is explained.

6. Faculty Scholarships & Awards

6.1 Fellowships and Scholarships

The Faculty of Health Studies awarded the following research grants and awards during 2000.

Maurice & Phyllis Paykel Trust Scholarships in Health Science

Margaret Davidson	Ontogeny of head shape in preterm infants (\$5,000)
Jill Depledge	Treatment of symphysis pubis pain in pregnancy using exercise and support belts (\$5,000)

Faculty Post-Graduate Scholarships

Rhoda Allison	Discourse analysis of rehabilitation service users' participation in goal setting (\$5,000)
Hamish Ashton	A critical analysis of the effect of acupuncture and ultrasound on inflammation (\$1,500)
Jonathan Claxton	The effect of different stretching techniques on muscle stiffness, muscle power output and functional performance (\$2,000)
Margaret Davidson	Ontogeny of head shape in preterm infants (\$2,000)
Gudrun Frerichs-Penz	What is the main concern during the therapy process of people who have Dissociative Identity Disorder (DID)? (\$5,000)
Keir Hansen	Kinematic and electromyographic analysis of resisted sprint training (\$2,000)
Jill Kerr	The effect of different stretching techniques on muscle stiffness, muscle power output and functional performance (\$2,000)
Jarrold Presland	Comparing Critical Flicker Fusion and the Twitch Interpolation Technique in the measure of central fatigue from a two hour exhaustive cycle (\$2,000)
Madeline Sands	An interpretative study to uncover the meaning of the team meeting for the health professional in the multidisciplinary team (\$1,333)
Gaela Kilgour	The intra-observer reliability of range of motion measures in children with cerebral palsy and their correlation to dynamic measures of gait (\$1,333)
Grant Mawston	Kinematic and electromyographic responses to sudden loading in the trunk: effects of posture and fatigue (\$1,333)

6.2 Faculty Travel Grants

The Faculty awarded the following travel grants to assist staff in presenting research findings at national and international conferences.

Simeon Cairns	Role of electrolytes in skeletal muscle fatigue (\$2,000)
Lynne Giles	Changes in mobility: Results from the Australian longitudinal study of ageing (\$1,000)
Susan Graham	Extending the learning boundaries through a new theory based pedagogical approach (\$2,000)
Tony MacCulloch	Challenging the throne without losing your head - survival and success strategies for the transformative educator (\$1,000)
Brian McKenna	The influence of expectation on patient's perceptions of coercion (\$1,600)
Janis Paterson and Sarnia Butler	The Pacific Islands Families Study (\$1,000)
Bernice Tatton	Teamwork for Best Practice: 2000 and Beyond (\$500)
Susan Shaw	Chronicity in the Curriculum: Should the patients be part of the team? (\$1,000)
Gill Shelah and Bernadette Wigley	What's science got to do with it? Bringing bio to the bedside (\$1,000)
Margot Woods	Process groups as a part of psychotherapy training (\$2,000)
Lynley Bradman	Acupuncture's peripheral effects: A clinical and theoretical investigation of scar treatment (\$1,000)
John Cronin	The effects of bungy weight training on muscle function and functional performance and velocity-specificity, combination training and functional performance (\$1,000)
Kate Haswell	Intertherapist reliability of symptom provoking sidebend, rotation, sideglide and combined movement tests (\$800)
Wayne Hing	The influence of the chondrocyte and pericellular microenvironment on the physiological response of articular cartilage to simulated joint loading (\$1,000)
Clare Hocking and Valerie Wright-St Clair	The meaning of preparing and sharing food for older women (\$1,000)
Clare Hocking and Valerie Wright-St Clair	Occupational science: Serving occupational therapy's future (\$1,000)

7. Research Funding

7.1 Internal Funding

Faculty Research Seeding Grants

Brian McKenna, Naumai Evans, Suzette Poole (Health Waikato) and John Coverdale (University of Auckland)

A survey of threats and violent acts by patients against new graduate nurses (\$300)

AUT Contestable Research Grants

Staff members of the Faculty of Health Studies have been successful in obtaining the following grants from the AUT Contestable Research Fund

Nancy Latham and Craig Anderson	FITNESS (Frailty Intervention Trial in Elderly Subjects): a multicentre clinical trial (\$ 15,000)
Tim Corbett	Physical activity health promotion: An interactive web based approach to exercise behaviour change (\$23,710)
John Cronin and Audrey McLaren	Whole body vibration: The design, development and pilot testing of a mechanical vibration device (\$ 6,616.13)
Martin Dowson and Jarrod Presland	Comparing critical flicker fusion and electrical muscle stimulation in the measure of central fatigue from fatiguing endurance exercise (\$5,500)
Gregory Kolt and Patria Hume	The effects of a stress management program on injuries and stress levels in competitive gymnasts (\$16,900)
Brian McKenna and Naumai Evans	Survey of harassment and aggression by patients and nursing colleagues against registered nurses in their first year of practice (\$7,500)
David Nicholls	A qualitative study into the experiences of chronically breathlessness people (\$12,900)
Valerie Wright-St Clair and Clare Hocking	Older women's experience of food centred occupations: a cross-cultural comparison (\$8,000)

7.2 External Funding

Staff and students in the Faculty of Health Studies were awarded the following grants from external agencies during 2000.

Researchers	Project title	Funding body or source	Total amount allocated
<i>School of Nursing & Midwifery</i> Brian McKenna and Naumai Evans	Survey of harassment and aggression by patients and nursing colleagues against Registered Nurses in their first year of practice	Nurses Education and Research Fund, New Zealand Nurses Organisation	\$3,000
<i>Pacific Islands Families Study</i> Janis Paterson and Jim Borrows	Pacific Islands Families Study	Maurice & Phyllis Paykel Trust	\$20,800
<i>Pacific Islands Families Study</i> Janis Paterson, Max Abbott, Jim Borrows, Sarnia Butler, Lynne Giles and Maynard Williams	Pacific Islands Families Study	ASB Grant	\$100,000
<i>School of Physiotherapy</i> Kelly Horne, Sandra Bassett (Supervisor)	Perceptions of health, illness and physiotherapy of people identifying with Ngai Tahu Iwi	Health Research Council of New Zealand, Maori Health Division	\$ 4,000
<i>School of Physiotherapy</i> Fleur White, Sandra Bassett (Supervisor)	Perceptions of health, illness and physiotherapy of people identifying with Ngai Tahu Iwi	Health Research Council of New Zealand, Maori Health Division	\$4,000
<i>School of Physiotherapy</i> Elizabeth Holt, Sandra Bassett (Supervisor)	Perceptions of health, illness and physiotherapy of Tongan people who reside in New Zealand	Health Research Council of New Zealand, Pacific Island Health Division	\$4,000
<i>School of Physiotherapy</i> Sarah Tango, Sandra Bassett (Supervisor)	Maori people's perceptions of being a physiotherapy patient: a phenomenological study	Health Research Council of New Zealand, Maori Health Division	\$4,000
<i>School of Physiotherapy</i> Peter McNair in collaboration with University of Sydney	Exercise and lower back pain	Australian Physiotherapy Research Foundation, New Zealand Manipulative Physiotherapists Assoc, Australian Musculoskeletal Physiotherapists Assoc	\$156,000
<i>School of Physiotherapy</i> Gaela Kilgour and Peter McNair in collaboration with University of Auckland	Range of motion measure in cerebral palsy	New Zealand Society of Physiotherapists	\$1,500

<i>School of Physiotherapy</i> Peter McNair and Stephen Stanley	Lower limb standing aid	G. Holmes	\$2,916
<i>School of Physiotherapy</i> Bridget Armstrong, Peter McNair and Maynard Williams	Proprioception and whiplash	NZ Society of Physiotherapists	\$5,000
<i>School of Occupational Therapy</i> Valerie Wright-St Clair , Clare Hocking and Mary Hamilton in collaboration with Chiang Mai University, Thailand	The meaning of food centred occupations for older women	Asia 2000 Foundation of New Zealand	\$9,562
<i>Faculty of Health Studies</i> Max Abbott in collaboration with Gemini Gambling Research, University of Stockholm	Gambling Research	Swedish Ministry of Public Health	\$182,565
<i>Pacific Islands Families Study</i> Janis Paterson, Max Abbott, Jim Borrows, Sarnia Butler, Lynne Giles and Maynard Williams	Pacific Islands Families Study	Foundation for Research, Science and Technology	\$150,000
<i>Pacific Islands Families Study</i> Janis Paterson, Max Abbott, Jim Borrows, Sarnia Butler, Lynne Giles and Maynard Williams	Pacific Islands Families Study	Health Research Council of New Zealand	\$189,761

8. Publications and Other Outputs

8.1 Books

Abbott, M. W., & McKenna, B. (2000). *Gambling and problem gambling among recently sentenced women prisoners in New Zealand*. Wellington, New Zealand: Department of Internal Affairs: 172.

Abbott, M. W., McKenna, B., & Giles, L. (2000). *Gambling and problem gambling among recently sentenced males in four New Zealand prisons*. Wellington, New Zealand: Department of Internal Affairs: 206.

Abbott, M. W., & Volberg, R. A. (2000). *Taking the pulse on gambling and problem gambling in New Zealand: A report on phase one of the 1999 National Prevalence Study*. Wellington, New Zealand: Department of Internal Affairs: 289.

Bishop, B., & Hume, P. A. (2000). *Sports Science New Zealand's Guidelines for Athlete Assessment*. Wellington, New Zealand: Sports Science New Zealand: 381.

Hume, P. A., & Smith, B. (2000). *Investigating fast rowing techniques: Biomechanics symposium proceedings*. Albany, New Zealand: Rowing New Zealand: 81.

Pudney, W., & Whitehouse, E. (2000). *Volcano in My Tummy*. Auckland, New Zealand: Peace Foundation: 180.

Reid, D., & McCullough, C. (2000). *Sports Medicine prevention and management of injuries*. Auckland, New Zealand: 3M: 24.

Seedhouse, D. (2000). *Practical nursing philosophy: The universal ethical code*. Chichester, United Kingdom: John Wiley & Sons: 222.

8.2 Book Sections

Abbott, M.W. (2000). The role of non-governmental organisations in monitoring mental health initiatives - an international perspective. In Takehiko, K. & Tadashi, T., (Eds). *The monitoring system for mental health services*. Tokyo: Chuohoki Publishers Co. Ltd.

Abbott, M.W. (2000). Problem gambling: A global overview with illustrations from Sweden and New Zealand. In Roth, R & Neill, S. (Eds). *A matter of life: Psychological theory, research and practice*. (p63-76). Longerich: Pabst Publishers.

Hume, P. A. (2000). Introduction to the guidelines for athlete assessment. In B. Bishop & P. A. Hume (Eds.). *Sports Science New Zealand's Guidelines for Athlete Assessment* (ISBN 0-9583592-8-8.), pp. 16-32. Wellington, New Zealand: Sports Science New Zealand.

Hume, P. A. (2000). New Zealand Gymnastics. In B. Bishop & P. A. Hume (Eds.), *Sports Science New Zealand's Guidelines for Athlete Assessment* (ISBN: 0-9583592-8-8.), pp. 235-297. Wellington, New Zealand: Sports Science New Zealand.

Hume, P. A., & Morrison, J. (2000). Video analysis for skill/technique assessment. In B. Bishop & P. A. Hume (Eds.), *Sports Science New Zealand's Guidelines for Athlete Assessment* (ISBN: 0-9583592-8-8.), pp. 111-123. Wellington, New Zealand: Sports Science New Zealand.

Kolt, G. S. (2000). Doing sport psychology with injured athletes. In M. B. Andersen (Ed.). *Doing sport psychology* (ISBN 0-7360-0086-0), pp. 223-236. Champaign, IL: Human Kinetics.

8.3 Journal Articles (Refereed)

Abbott, M. W., Wong, S., Williams, M. M., Au, M. K., & Young, W. (2000). Recent Chinese migrants health, adjustment to life in New Zealand and primary health care utilisation. *Journal of Disability and Rehabilitation*, 22 (1-2), 43-56, Refereed.

Baker, H. (2000). Changing practice towards improved patient outcomes, New Zealand Centre for Evidence Based Nursing. [abstract]. *New Zealand Journal of Physiotherapy*, 28 (2), 32, Refereed.

Bassett, S., Horne, K., & White, F. (2000). Perceptions of physiotherapy of people who identify as New Zealand Maori. [abstract]. *New Zealand Journal of Physiotherapy*, 28 (2), 32, Refereed.

Bowater, M., & Sherrard, E. (1999). Dreamwork treatment of nightmares using transactional analysis. *Transactional Analysis Journal*, 29 (4), 283-285, Refereed.

Bradnam, L., Rochester, L., & Vujnovich, A. L. (2000). Manual cervical traction reduces alpha-motoneuron excitability in normal subjects. *Electromyography and Clinical Neurophysiology*, 40, 259-266, Refereed.

Cronin, J. B. (2000). Strength training for sport. Part 7. Developing power: Starting and explosive strength. *The New Zealand Coach*, 8 (3), 18-19, Refereed.

Cronin, J. B., McNair, P. J., & Marshall, R. N. (2000). The role of maximal strength and load on initial power production for concentric and stretch shortening cycle activity. *Medicine and Science in Sports and Exercise*, 32 (10), 1763-9, Refereed.

Dombroski, E. (2000). Where is technology taking the physiotherapy profession? [abstract]. *New Zealand Journal of Physiotherapy*, 28 (2), 34, Refereed.

Giddings, L. S., Dyson, L. M., Entwistle, M., MacDiarmid, R., Marshall, D., & Simpson, S. (2000). Three approaches to use of questioning by clinical lecturers: A pilot study. *Nursing Praxis in New Zealand*, 15 (1), 13-22, Refereed.

Giddings, L. S., & Wood, P. J. (2000). The methodological journey of a grounded theorist: An interview with Denise Dignam. *Nursing Praxis in New Zealand*, 16 (2), 4-16, Refereed.

Hewson, D. J., McNair, P. J., & Marshall, R. N. (2000). Aircraft control forces and EMG activity in a UH-1H Iroquois helicopter during routine manoeuvres. *Aviation, Space, and Environmental Medicine*, 71, 470-475, Refereed.

Hewson, D. J., McNair, P. J., & Marshall, R. N. (2000). Aircraft control forces and EMG activity: comparison of novice and experienced pilots during simulated rolls, loops, and turns. *Aviation, Space, and Environmental Medicine*, 71, 798-805, Refereed.

Hewson, D. J., McNair, P. J., & Marshall, R. N. (2000). Aircraft control forces and EMG activity in a UH-1H Iroquois helicopter during emergency manoeuvres. *Aviation, Space, and Environmental Medicine*, 71, 806-811, Refereed.

- Hing, W. A., Poole, C. A., Jensen, C. G., & Watson, M.** (2000). An integrated environmental perfusion chamber and heating system for long term maintenance high resolution imaging of living cells. *Journal of Microscopy*, 199 (2), 90-95, Refereed.
- Hocking, C.** (2000). Occupational science: A stock take of accumulated insights. *Journal of Occupational Science*, 7 (2), 58-67, Refereed.
- Hocking, C.** (2000). Having and using objects in the western world. *Journal of Occupational Science*, 7 (3), 148-157, Refereed.
- Hreljac, A., Marshall, R. N., & Hume, P. A.** (2000). Evaluation of lower extremity overuse injury potential in runners. *Medicine and Science in Sports and Exercise*, 32 (9), 1635-1641, Refereed.
- Hume, P. A., & Steele, J. R.** (2000). A preliminary investigation of injury prevention strategies in netball: Are players heeding the advice? *Journal of Science and Medicine in Sport*, 3 (4), 392-399, Refereed.
- Kolt, G. S., & McConville, J. C.** (2000). The effects of a Feldenkrais awareness through movement program on state anxiety. *Journal of Bodywork and Movement Therapies*, 4 (3), 216-220, Refereed.
- Kolt, G. S., Wajswelner, H., Adonis, M., Levin, P., Shell, A., Srage, M., & Steinweg, J.** (2000). Injury toll following the 1997 Maccabiah Games bridge collapse: Implications of major disasters for sports medicine teams. *Sports Medicine*, 30 (1), 63-71, Refereed.
- Kranz, B. D., Schwarz, M. P., Giles, L. C., & Crespi, B. J.** (2000). Split sex ratios and virginity in a gall-inducing thrips. *Journal of Evolutionary Biology*, 13, 700-706, Refereed.
- Latham, N., Anderson, C., Bennet, D., & Stretton, C.** (2000). Progressive resistance strength training for physical disability in older people (Cochrane review). *In: The Cochrane Library* (4, Oxford: Update Software).
- Latham, N., Stretton, C., Lee, A., & Anderson, C.** (2000). The frailty intervention trial in elderly subjects (fitness): Experience with the first 100 participants. [abstract]. *New Zealand Journal of Physiotherapy*, 28 (2), 38, Refereed.
- McKenna, B. G., Simpson, A. I. F., & Coverdale, J. H.** (2000). What is the role of procedural justice in civil commitment? *Australian and New Zealand Journal of Psychiatry*, 34, 671-676, Refereed.
- McNair, P., & Bressel, E.** (2000). Achilles tendon rupture: Range of motion and proprioceptive changes after injury. [abstract]. *New Zealand Journal of Physiotherapy*, 28 (2), 39, Refereed.
- McNair, P. J.** (2000). Bracing the athletes back: Efficacy and indications. *International Journal of Sports Medicine*, 1 (4), 1-4, Refereed.
- McNair, P. J., Prapavessis, H., & Callender, K.** (2000). Decreasing landing forces: The effect of instructions. *British Journal of Sports Medicine*, 34 (4), 293-296, Refereed.
- Ninedek, A., & Kolt, G. S.** (2000). Sport physiotherapists' perceptions of psychological strategies in sport injury rehabilitation. *Journal of Sport Rehabilitation*, 9 (3), 191-206, Refereed.

- Paterson, J., & Hamilton, M.** (2000). The effectiveness of the Hierarchic Dementia Scale in tailoring interventions to reduce problem behaviours in individuals with Alzheimer's disease. *Australian Occupational Therapy Journal*, 47 (4), 134 -140, Refereed.
- Reid, D. A., & McNair, P. J.** (2000). Factors contributing to low back pain in rowers. *British Journal of Sports Medicine*, 34 (5), 321-322, Refereed.
- Reid, D. A., & McNair, P. J.** (2000). A specific rehabilitation programme to address prolonged strength and functional deficits following anterior cruciate ligament reconstruction. A case study. *New Zealand Journal of Sports Medicine*, 28 (2), 40-43, Refereed.
- Rochester, L., & Vujnovich, A. L.** (2000). Modulation of short latency reciprocal inhibition in subjects with spasticity. [abstract]. *New Zealand Journal of Physiotherapy*, 28 (2), 42, Refereed.
- Seedhouse, D.** (2000). Commentary on "A Pragmatic Basis for Judging Models and Theories in Health Psychology: The Axiomatic Method". *Journal of Health Psychology*, 5, 146-151, Refereed.
- Smythe, L.** (2000). Being safe in childbirth – what does it mean? *The New Zealand College of Midwives Journal*, 22, 19-21, Refereed.
- Stanton, J., Simpson, A., & Wouldes, T.** (2000). A qualitative study of filicide by mentally ill mothers. *Child Abuse & Neglect*, 24 (11), 1451-1459, Refereed.
- Stretton, C., Latham, N., Lee, A., & Anderson, C.** (2000). Measuring physical function in frail older adults: Self reports vs. physical performance measures. [abstract]. *New Zealand Journal of Physiotherapy*, 28 (2), 45, Refereed.
- Sullivan, S., Arroll, B., Coster, G., Abbott, M. W., & Adams, P.** (2000). Problem gamblers: Do GPs want to intervene? *The New Zealand Medical Journal*, 113 (1111), 204-207, Refereed.
- Thompson, L., Morton, R., Cuthbertson, S., Galter, L., & McArthur, J.** (2000). Instillation and tracheal suctioning: A systematic review (Cochrane review). In: *The Cochrane Library*, (2, Oxford: Update Software).
- Vujnovich, A. L., Rochester, L., Dawson, N., & Taylor, L.** (2000). Changes in excitability of the motor cortex during fatigue. [abstract]. *New Zealand Journal of Physiotherapy*, 28 (2), 47, Refereed.
- Whiteford, G., Townsend, L., & Hocking, C.** (2000). Reflections on a renaissance of occupation. *Canadian Journal of Occupational Therapy*, 67 (1), 61-69, Refereed.
- Whitehead, C. H., Giles, L. C., Finucane, P. M., & Andrews, G. R.** (2000). Anthropometric and laboratory markers of nutritional status in a large sample of elderly Australians: The ALSA study. *Australasian Journal on Ageing*, 19 (2), 85-90, Refereed.
- Wood, P. J., & Giddings, L. S.** (2000). Changing practice through action research: An interview with Rachel Stevenson. *Nursing Praxis in New Zealand*, 16 (3), 4-15, Refereed.

8.4 Journal Articles (Unrefereed)

Ackland, T., Kerr, D., & Hume, P. A. (2000). Morphological correlates of equipment set-up and performance among Olympic canoe/kayak paddlers and rowers. *Lengths and Breadths*, 1 (2), 1-4.

Butler, S., McLeod, L., Davie, F., Manley, D., Paterson, J., & Stewart, J. (2000). One hundred percent full-on: Life changes in the transition to parenthood. *The First Years: New Zealand Journal of Infant and Toddler Education*, 2 (1), 27-30.

Corbett, T. M. (2000). Activate: the steps to a new habit of physical activity. X Factor. *Roche Pharmaceuticals. New Zealand.*

Culav, E. (2000). A brief glimpse at the functional anatomy of the menisci of the knee joint. *New Zealand GP*, October, 23.

Dombroski, E. (2000). Physiotherapy and the Internet. *The New Zealand Society of Physiotherapists Inc. - Newsletter.*

Giddings, L. S. (2000). Oestrogen plus progestin increased venous thromboembolic disease in postmenopausal women with coronary heart disease [Commentary on Grady D., Wenger, N.K., Herrington, D., Khan, S., Furberg, C., Hunninghake, D., Vittinghoff, E. & Hulley, S. Postmenopausal hormone therapy increases risk for venous thromboembolic disease. The Heart and Estrogen/progestin Replacement Study. *Annals of Internal Medicine* 2000, 132: 689-696]. *Evidence-Based Nursing*, 3 (4), 123.

Giddings, L. S. (2000). [Review of the book Starting fieldwork: An introduction to qualitative research in New Zealand]. *Nursing Praxis in New Zealand*, 15 (1), 43.

Hall, J. (2000). Equipping nurses to care for dying children. *Kai Tiaki Nursing New Zealand*, June, 18-20.

Haswell, K. (2000). New ideas on the straight leg raise. *New Zealand GP*, May 3, 23.

Hume, P. A., & Gunn, S. (2000). The foot-stretcher angle can affect rowing technique. *New Zealand Rowing Magazine*, August (Issue 38), 37-39.

Hume, P. A., & McCullough, C. (2000). Sports science injury prevention report: Musculoskeletal assessment and injury in elite gymnasts. *Torque Gymnastics Plus*, 1 (6), 3.

Hume, P. A., McCullough, C., Smith, P., Edwards, T., Chong, S., & Stechman, M. (2000). Injuries in New Zealand elite gymnasts: Results of phase 2 screening, training & injury programme. *Torque Gymnastics Plus*, 1 (5), 3.

Hume, P. A., Soper, C., & Luyk, N. (2000). Sports injuries: The use of mouth guards to prevent dental and concussion injuries. *New Zealand Pharmacy*, 20 (2), 25-27.

Jones, M. (2000). Beyond the beaten trail. *New Zealand Adventure*, February/March (98), 12-15.

Jones, M. (2000). The lady of the snow. *New Zealand Adventure*, June/July (100), 42-45.

Jones, M. (2000). Wilderness, adventure and technology. *New Zealand Adventure*, February/March (98), 16-17.

Jull, A. B., & McArthur, J. (1999). [Review of the book: Clinical evidence: A compendium of the best available evidence for effective health care]. *Nursing Praxis in New Zealand*, 14 (3), 54-55.

Kolt, G. S. (2000). Editorial. *Physical Therapy in Sport*, 1 (4), 105.

Latham, N. (2000). [Review of the book Exercise on prescription – cardiovascular activity for health]. *New Zealand Journal of Physiotherapy*, 28 (2), 51.

Latham, N. (2000). Treadmills or rest homes. *New Zealand GP*, December 13, 20.

Reid, D. (2000). New Zealand Medical Team Sydney Olympic Games. *New Zealand GP*, October.

Seedhouse, D. (2000). Against codes of practice. *Health Matters*, 42, 25.

Seedhouse, D. (2000). Give us the money. *Health Matters*, 39, 25.

Seedhouse, D. (2000). Its colonisation, not globalisation. *Health Matters*, 41, 25.

Seedhouse, D. (2000). Voicemail not blackmail. *Health Matters*, 40, 25.

Smythe, L. (2000). Making sense of qualitative research. *Kai Tiaki Nursing New Zealand*, 6 (5), 16-18.

8.5 Reports

Barlow, A. (2000). An educational evaluation of the New Zealand College of Midwives Standards Review process for independent midwives. Summary Research Report September, Auckland New Zealand: New Zealand College of Midwives Auckland Midwives Standards Review Committee.

Giddings, L. S., Curren, H., & Wilson, J. D. (2000). Inter-disciplinary Trauma Research Centre: Report on the preliminary feasibility study. (Publicly circulated) Auckland: Auckland University of Technology, Faculty of Health Studies.

Hocking, C. (2000). Recommendations for adoption of formal assessments (Commissioned), March 2000, Auckland: Presbyterian Support Services.

Hume, P. A., & DePree, R. (2000). Briefing Papers for the National Sports Injury Prevention Panel Meeting, 30th October 2000, Wellington: Report for ACC.

Hume, P. A., & DePree, R. (2000). National strategy for sports injury prevention. Papers following the National Sports Injury Prevention Panel Meeting, 30 October 2000, Wellington: Report for ACC.

8.6 Conferences

Abbott, M. W. (2000). *Cannabis: Public health and human rights perspectives*. Paper presented at the New Zealand Drugs Foundation National Forum on Cannabis Law Reform and Harm Reduction, Wellington, New Zealand, November, Invited paper.

Abbott, M. W. (2000). *Mental health promotion and the prevention of psychopathology: overview and role of the World Federation for Mental Health*. Paper presented at the National Forum on Mental Health Promotion and Prevention, Wellington, New Zealand, August, Invited paper.

Abbott, M. W. (2000). *Why are Australians different? A critical perspective on Australian prevalence surveys of problem gambling*. Paper presented at the Tenth National Conference of the National Association for Gambling Studies, Mildura, Australia, November, Refereed paper.

Abbott, M.W. (2000). *Indicators of the magnitude of problem gambling in New Zealand and changes over time in problem and frequent gamblers first assessed in 1991*. Paper presented at the National Gambling Impact Seminar, Taupo, New Zealand, November, Invited paper.

Abbott, M.W. & Curren, H. (2000) *A multidisciplinary education programme in violence and trauma studies*. Paper presented at the 3rd International Conference on Psychosocial and Social Services in a Changing Society. Kuwait, April, Refereed paper.

Abbott, M.W. & Volberg, R.A. (2000). *Studying pathological gambling, alcohol misuse and minor mental disorder over time. The New Zealand longitudinal survey*. Paper presented at the 11th International Conference on Gambling and Risk Taking. Las Vegas, USA, June, Refereed paper.

Abbott, M.W. & Volberg, R.A. (2000). *The 1991 and 1999 New Zealand national surveys of gambling and problem gambling: key findings and sociopolitical context*. Paper presented at the 11th International Conference on Gambling and Risk Taking. Las Vegas, USA, June, Refereed paper.

Avondoglio, J. B., Brewer, B. W., Cornelius, A. E., Van Raalte, J. L., Petitpas, A. J., Pizzari, T., Schoo, A. M. M., & Kolt, G. S. (2000). *Interrater reliability and construct validity of the Sport Injury Rehabilitation Adherence Scale*. Paper presented at the 15th Annual Conference of the Association for the Advancement of Applied Sport Psychology, Nashville, Tennessee, USA, October, Refereed paper.

Baker, H. I. (2000). *Getting evidence into practice*. Paper presented at the New Zealand Society of Physiotherapists Biennial Conference, Wellington, New Zealand, May, Invited paper.

Baker, H. I., & McArthur, J. (2000). *Getting evidence into practice*. Paper presented at the 7th International Congress on Nursing Informatics: One Step Beyond: The Evolution of Technology and Nursing, Auckland, New Zealand, April, Poster paper.

Barlow, A. (2000). *The New Zealand College of Midwives standards review process: Relevance For Midwives*. Paper presented at the New Zealand College of Midwives 6th National Conference, Cambridge, New Zealand, September, Unrefereed paper.

Bassett, S. F., Horne, K., & White, F. (2000). *Perceptions of physiotherapy of people who identify as New Zealand Maori*. Paper presented at the New Zealand Society of Physiotherapists Biennial Conference, Wellington, New Zealand, May, Refereed paper.

- Bassett, S. F., Horne, K., White, F., White, N., & Mavoia, H. (2000).** *Health and illness beliefs of people who identify as New Zealand Maori.* Paper presented at the International Journal of Behavioral Medicine, Sixth International Congress of Behavioral Medicine, Brisbane, Australia, November, Refereed poster paper.
- Bassett, S. F., Horne, K., White, N., White, F., & Mavoia, H. (2000).** *Utilisation of health care services by people who identify as New Zealand Maori.* Paper presented at the Integrating Psychology and Medicine, Satellite Conference to the Sixth International Congress of Behavioural Medicine, Waiheke Island, New Zealand, Refereed poster paper.
- Bradnam, L. (2000).** *Peripheral effects of acupuncture.* Paper presented at the Physiotherapy Acupuncture Association of New Zealand & Medical Acupuncturists of New Zealand Combined Annual Conference, Auckland, New Zealand, July, Unrefereed paper.
- Bressel, E., Bressel, M. E., Marquez, M., & Heise, G. D. (2000).** *The effect of hand position on the EMG response to arm cranking exercise.* Paper presented at the 3rd Australian Biomechanics Conference, Gold Coast, Australia, February, Refereed paper.
- Corbett, T. M. (2000).** *ActiveZone: An integrated health promotion programme for raising physical activity levels in secondary schools.* Paper presented at the Physical Education New Zealand Conference, Wellington, New Zealand, July, Refereed paper.
- Corbett, T. M. (2000).** *Exercise behaviour change.* Paper presented at the Obesity and Weight Management Conference, Roche Pharmaceuticals, Noosa, Australia, August, Unrefereed invited paper.
- Corbett, T. M. (2000).** *The role of exercise in obesity management.* Paper presented at the Obesity and Weight Management Conference, Roche Pharmaceuticals, Fiji, April, Unrefereed invited paper.
- Cowan, C. (1999).** *Using recovery in programmes for mental health support workers.* Paper presented at the Best Practice in Mental Health Conference, Wellington, New Zealand, November, Poster paper.
- Cowan, C. (2000).** *Partnerships in community mental health discovery, the balance between industry need, NZQA requirements and tertiary training realities.* Paper presented at the Building Bridges in Community Mental Health Conference, Auckland, New Zealand, March, Refereed paper.
- Cronin, J. B. (2000).** *Flexibility and strength training: some new directions.* Paper presented at the Network NZ 2000 Conference, Auckland, New Zealand, June, Unrefereed paper.
- Cronin, J. B. (2000).** *Leg assessment and its relation to functional performance.* Paper presented at the Network NZ 2000 Conference, Auckland, New Zealand, June, Unrefereed paper.
- Cronin, J. B. (2000).** *Strength training and transference to functional performance.* Paper presented at the Sport Science New Zealand Annual Conference, Wellington, New Zealand, October, Refereed invited paper.
- Cronin, J. B., McNair, P. J., & Marshall, R. N. (2000).** *Developing explosive power: a comparison of technique and training loads.* Paper presented at the Australia and New Zealand Society of Biomechanics Conference, Gold Coast, Australia, February, Refereed paper.

Cronin, J. B., McNair, P. J., & Marshall, R. (2000). *The effects of bungy weight training on muscle function and functional performance*. Paper presented at the Sport Science New Zealand Annual Conference, Wellington, New Zealand, October, Refereed paper.

Cronin, J. B., McNair, P. J., & Marshall, R. (2000). *The effects of bungy weight training on muscle function and functional performance*. Paper presented at the 2nd International Conference on Weightlifting and Strength Training, Ipoh, Malaysia, December, Refereed paper.

Cronin, J. B., McNair, P. J., & Marshall, R. (2000). *Velocity specificity, combination training and functional performance*. Paper presented at the 2nd International Conference on Weightlifting and Strength Training, Ipoh, Malaysia, December, Refereed paper.

Dombroski, E. (2000). *Where is technology taking the physiotherapy profession?* Paper presented at the New Zealand Society of Physiotherapists Biennial Conference, Wellington, New Zealand, May, Refereed paper.

Dunn, T. (2000). *Unemployment: An occupational perspective*. Paper presented at the New Zealand Association of Occupational Therapists Conference, Rotorua, New Zealand, September, Unrefereed paper.

Elderkamp, C., & Hocking, C. (2000). *Recovery after stroke or head injury: Integrating new findings*. Paper presented at the New Zealand Association of Occupational Therapists Conference, Rotorua, New Zealand, September, Unrefereed paper.

Emery, I. (2000). *Clarifying roles in a mental health setting*. Paper presented at the New Zealand Association of Occupational Therapists Conference, Rotorua, New Zealand, September, Unrefereed paper.

Gajdosik, R. L., Stanley, S., & McNair, P. (2000). *Effects of a six-week aerobic exercise program on timed functional activities in older women*. Paper presented at the Combined Sections Meeting, American Physical Therapy Association, New Orleans, USA, February, Refereed paper.

Giddings, L. S. (2000). *Don't ask; don't tell: Stories from the margins*. Paper presented at the Auckland University of Technology, Woman on Campus Research Seminar, Auckland, New Zealand, August, Unrefereed keynote paper.

Giddings, L. S. (2000). *In/Visibility in nursing: Stories from the margins*. Paper presented at the School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, November, Unrefereed keynote paper.

Giddings, L. S. (2000). *What does the 'V' stand for in Research Scholarship 'V' Practice?* Paper presented at the Auckland University of Technology, School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, November, Unrefereed invited paper.

Giles, L. C., & Ryan, P. R. (2000). *Changes in Mobility: Results from the Australian Longitudinal Study of Ageing*. Paper presented at the 15th Australian Statistical Conference, Adelaide, Australia, July, Unrefereed paper.

Gooder, J. (2000). *Considering the client. What does it really mean*. Paper presented at the New Zealand Association of Occupational Therapists Conference, Rotorua, New Zealand, September, Unrefereed paper.

- Graham, S. F.** (2000). *Extending the learning boundaries through a new theory based pedagogical approach*. Paper presented at the Dance and the Child International Conference, Regina, Canada, July/August, Refereed paper.
- Greener, P.** (2000). *The role of the media in conflict resolution*. Paper presented at the Turning the Tide - A New Approach to Conflict Resolution Conference, Auckland, New Zealand, November, Poster paper.
- Gunn, J.** (2000). *Antecedents to labour? Events experienced by women in the last weeks of pregnancy - (preliminary results)*. Paper presented at the New Zealand College of Midwives 6th National Conference, Cambridge, New Zealand, Unrefereed paper.
- Haswell, K., Williams, M., & Hing, W.** (2000). *Intertherapist reliability of symptom provoking sidebend, rotation, sideglide and combined movement tests*. Paper presented at the 7th Scientific Conference of the International Federation of Manipulative Therapists, Perth, Australia, November, Refereed paper.
- Henare, D.** (2000). *Images of pain: A phenomenological study of the meaning of chronic pain using art and narrative*. Paper presented at the New Zealand Association of Occupational Therapists Conference, Rotorua, New Zealand, September, Unrefereed paper.
- Hewson, D. J., McNair, P. J., & Marshall, R. N.** (2000). *Aircraft control forces and EMG activity in a UH-1H Iroquois helicopter during emergency manoeuvres*. Paper presented at the Australia and New Zealand Society of Biomechanics Conference, Gold Coast, Australia, February, Refereed paper.
- Hewson, D. J., McNair, P. J., & Marshall, R. N.** (2000). *Aircraft control forces and EMG activity of pilots during emergency manoeuvres in a C-130 Hercules aircraft*. Paper presented at the 12th Conference of the European Society of Biomechanics, Dublin, Ireland, August, Refereed paper.
- Hing, W. A.** (2000). *Dynamic imaging of chondron behaviour IN VITRO*. Paper presented at the MicrOzcopy 2000, Australian Microscopy Conference, Canberra, Australia, February, Refereed invited paper.
- Hing, W. A.** (2000). *The influence of the pericellular microenvironment on the physiological response of the chondrocyte to dynamic osmotic change*. Paper presented at the 7th Scientific Conference of the International Federation of Manipulative Therapists, Perth, Australia, November, Refereed paper.
- Hocking, C.** (2000). *Having and using objects in the Western world*. Paper presented at the Third Australasian Occupational Science Symposium, Albury, Australia, September, Invited paper.
- Hocking, C., & Penman, M.** (2000). *Postgraduate study: A path to the future*. Paper presented at the New Zealand Association of Occupational Therapists Conference, Rotorua, New Zealand, September, Unrefereed paper.
- Holland, D., Kerins, R., & MacGregor, D.** (2000). *Influence of birth outcomes and practice philosophy*. Paper presented at the Auckland University of Technology, School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland New Zealand, November, Unrefereed preconference workshop.
- Holland, D., Kerins, R., & MacGregor, D.** (2000). *Influence of birth outcomes and practice philosophy*. Paper presented at the New Zealand College of Midwives 6th National Conference, Cambridge, New Zealand, September, Unrefereed preconference workshop.

Horne, W. (2000). *Enhancing the strategic direction of the university through the professional development of staff*. Paper presented at the Assessment and Planning in Higher Education Conference, Hawaii, USA, June, Refereed paper.

Hume, P. A., Depree, R., & Gerrard, D. (2000). *SportSmart[©] injury prevention programme*. Paper presented at the Sport Science New Zealand Annual Conference, Wellington, New Zealand, October, Refereed invited paper.

Hume, P. A., McCullough, C., & Edwards, T. (2000). *Can injury in elite gymnasts be predicted by musculo-skeletal assessment?* Paper presented at the Sports Medicine New Zealand Annual Conference, Napier, New Zealand, November, Refereed paper.

Hume, P. A., & Potts, G. (2000). *SportSmart[©] injury prevention programme*. Paper presented at the International Congress on Sport Science, Sports Medicine and Physical Education, Brisbane, Australia, September, Refereed paper.

Hume, P. A., & Smith, P. M. (2000). *Stressed gymnasts and possible strategies for coping?* Paper presented at the Sport Science New Zealand Annual Conference, Wellington, New Zealand, October, Refereed paper.

Hume, P. A., Soper, C., Joe, G., Williams, T., Aitcheson, D., & Gunn, S. (2000). *Effects of foot-stretcher angle on the drive phase in ergometer rowing*. Paper presented at the International Congress on Sport Science, Sports Medicine and Physical Education, Brisbane, Australia, September, Refereed paper.

Hume, P. A., Soper, C., Joe, G., Williams, T., Aitcheson, D., & Gunn, S. (2000). *Effects of foot-stretcher angle on the drive phase in ergometer rowing*. Paper presented at the Sport Science New Zealand Annual Conference, Wellington, New Zealand, October, Refereed paper.

Hunter, M. (2000). *Differences between providing intrapartum care in small maternity units as compared with large obstetric hospitals*. Paper presented at the New Zealand College of Midwives 6th National Conference, Cambridge, New Zealand., September, Unrefereed paper.

Hunter, M. (2000). *The experience of independent midwives providing intrapartum care in small and large hospitals*. Paper presented at the Auckland University of Technology, School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, November, Unrefereed paper.

Jones, E. M. (2000). *Perioperative team practice*. Paper presented at the National Perioperative Nursing Conference of the New Zealand Nursing Organisation, Christchurch, New Zealand, November, Refereed paper.

Jones, E. M. (2000). *Social and symbolic capital of team practice*. Paper presented at the Critical and Feminist Nursing Conference, San Diego, USA, October, Keynote paper.

Kolt, G. S. (2000). *Physical activity in older Australians: Reasons for participation*. Paper presented at the International Congress on Sport Science, Sports Medicine and Physical Education, Brisbane, Australia, September, Refereed paper.

Kolt, G. S. (2000). *Sport and physical activity for older people: Motives for participation*. Paper presented at the Sport Science New Zealand Annual Conference, Wellington, New Zealand, October, Refereed paper.

Kolt, G. S., Pizzari, T., Schoo, A., & Brewer, B. W. (2000). *A reliable measure of rehabilitation adherence: The Sport Injury Rehabilitation Adherence Scale.* Paper presented at the Sports Medicine New Zealand 2000 Annual Conference, Napier, New Zealand, November, Refereed paper.

Latham, N. (2000). *Exercise for older people.* Paper presented at the Annual New Zealand Home Health Association Conference, Auckland, New Zealand, September, Invited paper.

Latham, N., Stretton, C., Lee, A., & Anderson, C. (2000). *The frailty intervention trial in elderly subjects (FITNESS): Experience with the first 100 participants.* Paper presented at the New Zealand Society of Physiotherapists Biennial Conference, Wellington, New Zealand, May, Refereed paper.

Lim, A. G. (2000). *Cultural safety in the clinical setting.* Paper presented at the Auckland University of Technology, School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, November, Unrefereed paper.

Lim, A. G. (2000). *Drugs and the elderly.* Paper presented at the Science in Nursing Education Conference, Auckland, New Zealand, December, Unrefereed paper.

Lim, A. G. (2000). *The effects of drugs on the elderly.* Paper presented at the New Zealand Nurses Association, 2nd National Gerontology Conference, Auckland, New Zealand, August, Unrefereed paper.

MacCulloch, T. (2000). *Challenging the throne without losing your head: survival and success strategies for the transformative educator.* Paper presented at the Annual Conference of the Australia & New Zealand Association of Medical Educators, Perth, Australia, July, Refereed paper.

MacCulloch, T. (2000). *Emotional competence and the health professional: Pre-doctoral research questions and reflections.* Paper presented at the Auckland University of Technology, School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, November, Unrefereed paper.

McAra-Couper, J. (2000). *A new model for a new millennium: Teaching cultural safety in Midwifery.* Paper presented at the Transcultural Nursing Conference, Newcastle, Australia, October, Refereed paper.

McArthur, J. (2000). *Evidence based decision making and beliefs.* Paper presented at the 2nd Australasian Colloquium on Evidence Based Nursing and Midwifery, Brisbane, Australia, February, Refereed paper.

McKenna, B. (2000). *'Risk assessment' of violence to others: A time for action.* Paper presented at the Auckland University of Technology, School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, November, Unrefereed paper.

McKenna, B. (2000). *'Risk assessment' of violence to others: An essential skill for forensic nurses.* Paper presented at the International Forensic Nursing Conference, Adelaide, Australia, September, Refereed paper.

McKenna, B., Simpson, A., & Coverdale, J. (2000). *Patients' perceptions of coercion on admission to forensic psychiatric hospital: The role of expectation.* Paper presented at the 25th Anniversary Congress on Law and Mental Health, International Academy on Law and Mental Health, Sienna, Italy, July, Refereed paper.

McKenna, B., Simpson, A., & Coverdale, J. (2000). *What is the role of procedural justice in civil commitment?* Paper presented at the Australian and New Zealand Association of Psychiatry, Psychology and the Law 20th Annual Congress, Auckland, New Zealand, August, Refereed poster paper.

McKinney, C., Gerrard, D., Long, S., Simpson, S., Lim, G., Beale, J., & Cassels-Brown, K. (2000). *Linking cultural safety to practice in the medical wards at A+.* Paper presented at the Auckland University of Technology, School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, November, Unrefereed paper.

McNair, P. J. (2000). *Back braces: Their efficacy.* Paper presented at the Sports Medicine New Zealand Annual Conference, Napier, New Zealand, October, Refereed paper.

McNair, P. J. (2000). *Proprioception: Changes following upper limb injuries.* Paper presented at the Hand Therapy Association of New Zealand Annual Conference, Auckland, New Zealand, November, Keynote paper.

McNair, P. J. (2000). *Proprioception: Effects of injury and rehabilitation.* Paper presented at the Sports 2000 Orthopaedic Conference, Wellington, New Zealand, November, Keynote paper.

McNair, P. J. (2000). *Rehabilitation after posterior cruciate ligament injury.* Paper presented at the Sports 2000 Orthopaedic Conference, Wellington, New Zealand, November, Keynote paper.

McNair, P. J. (2000). *Stretching to change stiffness and range of motion.* Paper presented at the Hand Therapy Association of New Zealand Annual Conference, Auckland, New Zealand, November, Keynote paper.

McNair, P. J. (2000). *Stretching: Prescriptions and programmes.* Paper presented at the International Congress on Sport Science, Sports Medicine and Physical Education, Brisbane, Australia, September, Refereed invited paper.

McNair, P. J., & Bressel, E. (2000). *Viscoelasticity and achilles tendon rupture.* Paper presented at the International Congress on Sport Science, Sports Medicine and Physical Education, Brisbane, Australia, September, Refereed paper.

McNair, P. J., & Bressel, E. (2000). *Achilles tendon rupture: Range of motion and proprioception changes after injury.* Paper presented at the New Zealand Society of Physiotherapists Biennial Conference, Wellington, New Zealand, May, Refereed paper.

McNair, P. J., Hewson, D., Dombroski, E., & Stanley, S. (2000). *Effect of joint angular velocity on viscoelastic properties at the ankle joint.* Paper presented at the 7th Scientific Conference of the International Federation of Manipulative Therapists, Perth, Australia, November, Refereed paper.

McNair, P. J., Hewson, D. J., & Marshall, R. N. (2000). *Muscle activity in emergency conditions during flight in an Hercules aircraft.* Paper presented at the Australia and New Zealand Society of Biomechanics Conference, Gold Coast, Australia, February, Refereed paper.

Myers, G. C., Giles, L. C., & Andrews, G. R. (2000). *Dynamics of late life disability and mortality: Analyses over five waves of an Australian Longitudinal Study of Ageing (ALSA).* Paper presented at the 12th Réseau Esperance de Vie en Sante (International Network on Health Expectancy and the Disability Process Conference), Los Angeles, USA, March, Refereed paper.

Paterson, J., & Dorrenstein, M. (2000). *The effectiveness of the Hierarchic Dementia Scale in tailoring interventions to reduce problem behaviours in individuals with Alzheimers Disease*. Paper presented at the New Zealand Association of Occupational Therapists Conference, Rotorua, New Zealand, September, Unrefereed paper.

Payne, D. (2000). *Doing discourse analysis*. Paper presented at the Auckland University of Technology, School Of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, Unrefereed paper.

Prapavessis, H., McNair, P. J., & Callender, K. (2000). *Landings from a jump: Strategies to decrease forces*. Paper presented at the International Congress on Sport Science, Sports Medicine and Physical Education, Brisbane, Australia, September, Refereed paper.

Pudney, W. (2000). *Boys in schools*. Paper presented at the Awareness to Action Conference, Auckland, New Zealand, July, Workshop.

Pudney, W. (2000). *Boys in secondary schools*. Paper presented at the Resource Teacher of Learning Behaviour Conference, Auckland, New Zealand, June, Workshop.

Pudney, W. (2000). *Listening to children's anger*. Paper presented at the Beyond Violence Conference, New Plymouth, New Zealand, November, Workshop.

Pudney, W. (2000). *Men, power and peace*. Paper presented at the Just Peace Conference, Auckland, New Zealand, April, Workshop.

Pudney, W. (2000). *Training mothers as mentees*. Paper presented at the Mentoring Conference, Dunedin, New Zealand, July, Invited paper.

Puls, B. (2000). *Clinical movement therapy with eating disordered women*. Paper presented at the Gestalt Australia/New Zealand Conference, Brisbane, Australia, September, Unrefereed poster paper.

Puls, B. (2000). *Clinical movement therapy with eating disordered women*. Paper presented at the New Zealand Association of Psychotherapists Conference, Tauranga, New Zealand, February, Refereed paper.

Reed, F. (2000). *The dementia care nurse educator pilot project: Tensions between philosophical and pragmatic agendas*. Paper presented at the New Zealand Nurses Association, 2nd National Gerontology Conference, Auckland, New Zealand, August, Unrefereed paper.

Reid, D. A., & McNair, P. J. (2000). *Factors influencing back injuries in rowing*. Paper presented at the Sports Medicine New Zealand Annual Conference, Napier, New Zealand, November, Refereed paper.

Ritchie, S. (2000). *Health promotion at what cost?* Paper presented at the 3rd International Conference on Adolescent Health and Welfare, British Society of Adolescent Health and Youth Support, London, UK, October, Refereed paper.

Rochester, L., & Vujnovich, A. L. (2000). *Modulation of short latency reciprocal inhibition in subjects with spasticity*. Paper presented at the New Zealand Society of Physiotherapists Biennial Conference, Wellington, New Zealand, May, Refereed paper.

Ronnberg, S., Volberg, R.A., Abbott, M.W., Munck, I. (2000). *Prevalence estimates of pathological gambling in a cultural context: The example of Sweden*. Paper presented at the

11th International Conference on Gambling and Risk Taking. Las Vegas, USA, June, Refereed paper.

Schoo, A. M. M., & Kolt, G. S. (2000). *The importance of adherence to physical activity in rural health management*. Paper presented at the 5th Biennial Australian Rural Remote Health Scientific Conference, Toowoomba, Australia, February, Refereed paper.

Schoo, A. M. M., & Kolt, G. S. (2000). *Physiotherapy and adherence to exercise in health management*. Paper presented at the Sixth International Physiotherapy Congress, Canberra, Australia, May, Refereed paper.

Schoo, A. M. M., & Kolt, G. S. (2000). *Theoretical and practical adherence issues pertinent to exercise prescription in the management of osteoarthritis*. Paper presented at the 5th Biennial Australian Rural Remote Health Scientific Conference, Toowoomba, Australia, February, Refereed paper.

Shaw, S. (2000). *Chronicity in the curriculum: Should patients be part of the team*. Paper presented at the Australian and New Zealand Association for Medical Education Conference, Perth, Australia, July, Unrefereed paper.

Shaw, S. (2000). *Learning to care in an uncaring environment*. Paper presented at the NZARE Conference on Health Professional Education, Hamilton, New Zealand, December, Unrefereed paper.

Shelah, G. (2000). *Making bio better at the bedside*. Paper presented at the Auckland University of Technology, School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, November, Unrefereed paper.

Shelah, G., & Wigley, B. (2000). *What's science got to do with it? Bringing bio to the bedside*. Paper presented at the Australian and New Zealand Association for Medical Education Conference, Perth, Australia, July, Unrefereed paper.

Shinkfield, C., & Goulding, J. (2000). *Development of a training programme for workers and child mental health and child psychotherapy*. Paper presented at the Child and Adolescent Mental Health Services Conference, Auckland, New Zealand, June, Unrefereed poster paper.

Smythe, L. (2000). *Being safe in childbirth: A hermeneutic approach*. Paper presented at the Advanced Institute of Heideggerian Studies, Madison, WI, USA, July, Workshop.

Smythe, L. (2000). *Interviewing in qualitative research*. Paper presented at the Qualitative Health Research Workshop, Health Research Methods Advisory Service, Christchurch, New Zealand, August, Unrefereed invited paper.

Smythe, L. (2000). *Phenomenology*. Paper presented at the Qualitative Health Research Workshop, Health Research Methods Advisory Service, Christchurch, New Zealand, August, Unrefereed invited paper.

Smythe, L. (2000). *Writing up the data*. Paper presented at the Qualitative Health Research Workshop, Health Research Methods Advisory Service, Christchurch, New Zealand, August, Unrefereed invited paper.

Smythe, L. (2000). *Qualitative health research (data gathering and analysis): Phenomenology*. Paper presented at the Health Research Methods Advisory Service Workshop, Auckland, New Zealand, June, Unrefereed workshop.

- Smythe, L.** (2000). *Relationships and safety*. Paper presented at the New Zealand College of Midwives 6th National Conference, Cambridge, New Zealand, September, Unrefereed workshop.
- Spence, D. G.** (2000). *Nursing people from cultures other than one's own*. Paper presented at the Nurses' Education and Research Section Conference, Wellington, New Zealand, May, Unrefereed paper.
- Spence, D. G.** (2000). *Prejudice, paradox and possibility: Nursing people from cultures other than one's own*. Paper presented at the Transcultural Nursing Conference, Gold Coast, Australia, October, Refereed paper.
- Stanley, S., Purdam, C., Bond, T., & McNair, P.** (2000). *Effects of massage on viscoelastic properties at the ankle joint*. Paper presented at the 7th Scientific Conference of the International Federation of Manipulative Therapists, Perth, Australia, November, Refereed paper.
- Stewart, J.** (2000). *Compressing disability and dependence: Physical activity and keeping physically active*. Paper presented at the New Zealand Parkinson's Disease Association, National Field Officers Conference, Auckland, New Zealand, April, Unrefereed invited paper.
- Stewart, J., & Paterson, J.** (2000). *Adults with acquired brain injury: Experiences of their social world*. Paper presented at the 8th Annual Scientific Meeting of the Australasian Faculty of Rehabilitation Medicine, Melbourne, Australia, August, Refereed paper.
- Stretton, C., Latham, N., Lee, A., & Anderson, C.** (2000). *Measuring physical function in frail older adults: Self-report versus physical performance measures*. Paper presented at the New Zealand Society of Physiotherapists Biennial Conference, Wellington, New Zealand, May, Refereed paper.
- Tatton, B. I., & Blake-Palmer, L.** (2000). *Collaboration for whom? How representatives from 2 institutions developed a Preceptor Programme*. Paper presented at the Association for Health Professional Education Annual Conference, Perth, Australia, July, Refereed paper.
- Vague, S.** (2000). *In pursuit of 'warmth' in practice*. Paper presented at the Auckland University of Technology, School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, November, Unrefereed paper.
- Vujnovich, A. L., Rochester, L., Dawson, N. J., & Taylor, L.** (2000). *Changes in excitability of the motor cortex during fatigue*. Paper presented at the New Zealand Society of Physiotherapists Biennial Conference, Wellington, New Zealand, May, Refereed paper.
- White, S., & McNair, P. J.** (2000). *Cluster analysis of emg from trunk muscles during gait*. Paper presented at the 7th Scientific Conference of the International Federation of Manipulative Therapists, Perth, Australia, November, Refereed paper.
- Witten-Hannah, C.** (2000). *Attachment, bonding and trauma*. Paper presented at the Child, Youth and Family Senior Conference, Auckland, New Zealand, April, Unrefereed paper.
- Wong, G.** (2000). *Nursing, smoking and older New Zealanders*. Paper presented at the New Zealand Nurses Association, 2nd National Gerontology Conference, Auckland, New Zealand, August, Unrefereed paper.
- Wong, G., Strauss, P., & Holloway, T.** (2000). *Nursing and midwifery students from Asia: Enabling communication in clinical settings*. Paper presented at the Auckland University of Technology, School of Nursing and Midwifery, Research, Scholarship and Practice Conference, Auckland, New Zealand, November, Unrefereed paper.

Woods, M. (2000). *Process groups as a part of psychotherapy training*. Paper presented at the 14th International Congress of the International Association of Group Psychotherapy "The Spirit of Groups 2000 from Conflict to Generative Dialogue", Jerusalem, Israel, August, Poster paper.

Wouldes, T. (2000). *Hope vs denial*. Paper presented at the Auckland Rehabilitation Conference, Auckland, New Zealand, October, Symposium.

Wouldes, T. (2000). *Infant recognition memory in infants exposed prenatally to methadone*. Paper presented at the World Association of Infant Mental Health Conference, Montreal, Canada, July, Poster paper.

Wouldes, T. (2000). *Methadone maintenance in pregnancy: Do higher doses mean higher risks?* Paper presented at the International Conference on Infant Studies, Brighton, UK, July, Poster paper.

Wright, N. (2000). *Exploring the student occupational therapist's experience of fieldwork*. Paper presented at the New Zealand Association of Occupational Therapists Conference, Rotorua, New Zealand, September, Unrefereed paper.

Wright-St Clair, V. (2000). *Caring: The moral motivation for good occupational therapy practice*. Paper presented at the New Zealand Association of Occupational Therapists Conference, Rotorua, New Zealand, Keynote paper.

8.7 Other Outputs

Abbott, M.W. (2000). Taking the pulse of gambling and problem gambling in New Zealand: An overview of the major findings from Report Number 3 of the New Zealand Gaming Survey. Committee on Problem Gambling Management Meeting. Wellington, New Zealand. (Invited presentation and official launch of Abbott, M.W. & Volberg, R. A. Taking the pulse on gambling and problem gambling in New Zealand).

Abbott, M. W. (2000). The New Zealand gaming survey - some results [Seminar, Faculty of Health Studies, Auckland University of Technology]. Auckland, New Zealand.

Abbott, M.W. (2000). Working with the media [Invited presentation and panel discussion. Auckland University of Technology, Staff Research Development Symposium], Auckland, New Zealand.

Abbott, M.W. (2000). Taking the psychosocial pulse of New Zealanders: From alcohol, sex and stress to ageing, gambling and migration. Professorial address, Auckland University of Technology, Auckland, New Zealand.

Abbott, M.W. (2000). Keeping a healthy balance. Welcome and opening address. Allied Staff Development Conference, Auckland University of Technology, Auckland, New Zealand.

Abbott, M.W. (2000). Cannabis: Drug, myth and reality. [Forum on cannabis law reform. National Organisation for the Reform of Marijuana Law, New Zealand Inc.], Wellington, New Zealand.

Bassett, S. (2000). Perceptions of health and illness of Maori identifying with Ngati Tama Iwi [Seminar, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.

Borrows, J. (2000). Good proposals and bad proposals - development of a research grant application [Invited seminar, Postgraduate Masters Programme, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.

Borrows, J. (2000). Good proposals and bad proposals - development of a research grant application [Invited seminar, Faculty of Science and Engineering, Auckland University of Technology], Auckland, New Zealand.

Borrows, J. (2000). Securing external research grants - sources and strategies [Invited presentation and panel discussion, Auckland University of Technology, Staff Research Development Symposium], Auckland, New Zealand.

Borrows, J. (2000). This research is no accident [Invited Commentary at the "Festschrift" to mark the appointment of Adjunct Professor Phil A Silva as Emeritus Director of the Dunedin Multidisciplinary Health and Development Research Unit], Dunedin, New Zealand.

Corbett, T. (2000). Physical activity and health promotion - an interactive Web based approach to exercise behaviour change [Seminar, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.

Giddings, L., Curren, H., & Wilson, J. (2000). Trauma research [Seminar, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.

Giddings, L. S. (2000). Introduction to research for Allied Health Professionals [On-line Course, Auckland University of Technology], Auckland, New Zealand.

Giles, L. (2000). The Australian Longitudinal Study of Ageing - (1) Design and recruitment [Seminar, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.

Giles, L. (2000). The Australian Longitudinal Study of Ageing - (2) Changes in Mobility [Seminar, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.

Giles, L. (2000). Changes in Mobility: Results from the Australian Longitudinal Study of Ageing [Seminar, Department of Community Health, University of Auckland], Auckland, New Zealand.

Giles, L. C. (2000). The Australian Longitudinal Study of Ageing: Design and recruitment [Seminar, University of Auckland], Auckland, New Zealand.

Giles, L. C. (2000). The Australian Longitudinal Study of Ageing: Design Issues [Seminar, Clinical Trials Research Unit, University of Auckland], Auckland, New Zealand.

Graham, S. (2000). Extending the learning boundaries through a new theory based pedagogical approach [Seminar, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.

Gunn, J. (2000). Antecedents to labour? Events experienced by women in the last weeks of pregnancy - (preliminary results) [Internal seminar, School of Nursing and Midwifery, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.

Hewson, D., McNair, P. J., & Marshall, R. (2000). Safety in aircraft: Research into muscle activity and forces during flying [Radio Broadcast.], Auckland New Zealand: Eureka: Radio program of the Broadcasting Corporation NZ.

- Horne, W.** (2000). MEd [Completed a coursework MEd through Charles Sturt University, NSW, Australia], NSW, Australia.
- MacCulloch, T.** (2000). Challenging the throne without losing your head - survival and success strategies for the transformative educator [Seminar, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.
- McArthur, J.** (2000). Evidence based nursing in New Zealand [Open lecture, Dunedin Hospital], Dunedin, New Zealand.
- Paterson, J.** (2000). Research Project Management [Panel Discussion, Auckland University of Technology Staff Research Development Symposium]. Auckland, New Zealand.
- Paterson, J.** (2000). Royal New Zealand Plunket Society, Papakura Branch. Pacific Islands Families Study: First Nursing Assessment. Papakura, New Zealand.
- Paterson, J., & Butler, S.** (2000). Developmental aspects of the Pacific Islands Families Study [Invited forum, Department of Psychology, University of Otago], Dunedin, New Zealand.
- Shaw, S.** (2000). Chroncity in the curriculum: Should the patients be part of the team? [Seminar, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.
- Smythe, L.** (2000). Being safe: Meanings for the new graduate [Workshop, Middlemore Hospital, New Graduate programme], Auckland, New Zealand.
- Smythe, L.** (2000). 'Being safe' in childbirth [Workshop, Waitemata Hospital], Auckland, New Zealand.
- Smythe, L.** (2000). The meaning of being safe in childbirth [Invited workshop, Whangarei College of Midwives], Whangarei, New Zealand.
- Smythe, L.** (2000). The meaning of 'being safe' in childbirth [Invited workshop, Northland Midwives, College of Midwives], Whangarei, New Zealand.
- Smythe, L.** (2000). The meaning of 'being safe' in childbirth [Seminar, Midwifery Masters students, Victoria University], Wellington, New Zealand.
- Smythe, L.** (2000). The meaning of 'being safe' in practice. [Invited presentation, Middlemore Hospital], Auckland, New Zealand.
- Smythe, L.** (2000). Phenomenology: Data gathering and analysis [Invited paper, Massey University], Albany, New Zealand.
- Solomon, P.** (2000). Conflict and co-operation. Reflections on the International Group Psychiatry Association Conference, Jerusalem, Israel [Workshop, New Zealand Association of Psychiatrists, Auckland Branch], Auckland, New Zealand.
- Woods, M.** (2000). Process groups as part of psychotherapy training [Seminar, Faculty of Health Studies, Auckland University of Technology], Auckland, New Zealand.
- Wouldes, T.** (2000). Methadone maintenance during pregnancy: Consequences for the neonate [Staff seminar, Auckland Regional Methadone Treatment Service], Auckland, New Zealand.

Wouldes, T. (2000). Methadone maintenance in pregnancy: Developmental consequences for the neonate [Lecture, Healthcare Research Unit, Brighton University], Brighton, UK.

Wouldes, T. (2000). Neonatal abstinence syndrome in methadone exposed neonates [Grand Rounds, New Born Services - National Women's Hospital], Auckland, New Zealand.

8.8 Staff Theses

McCook, D. (2000). *An evaluation of the DASH questionnaire in a clinical setting.* School of Physiotherapy, Auckland University of Technology, MHSc, Dissertation, Auckland, New Zealand.

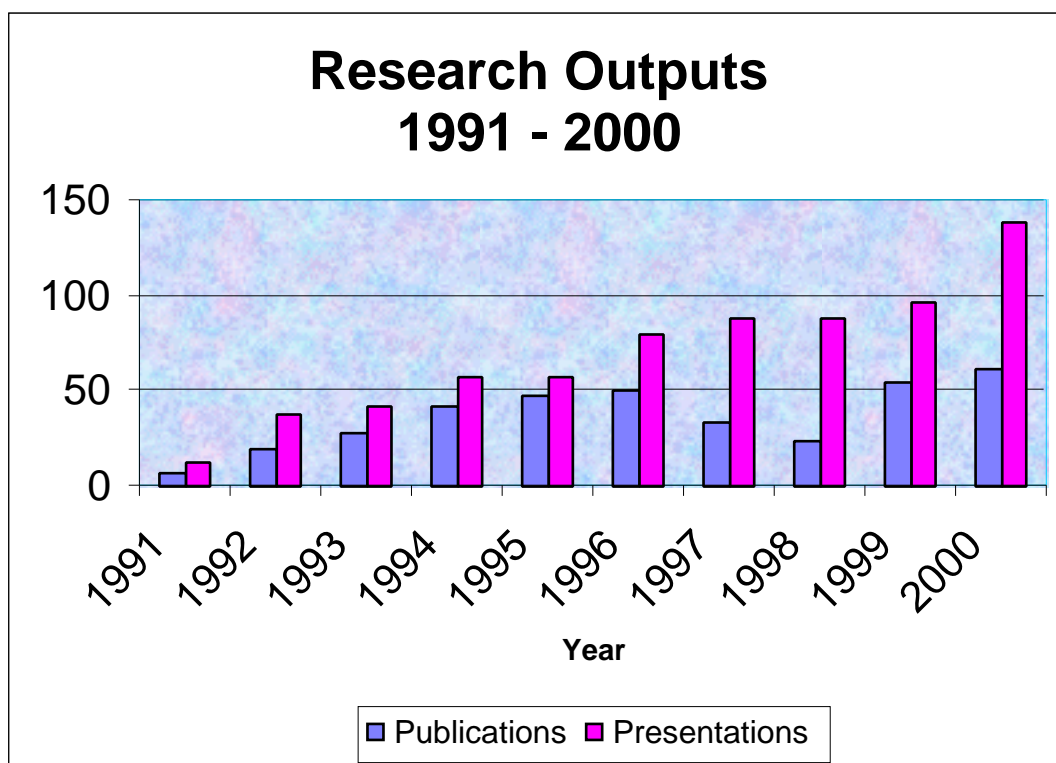
Reeve, J. (2000). *The physiotherapy management of the uncomplicated CABG patient. A survey of current practice throughout the UK.* School of Health and Community Studies, Sheffield Hallam University,, MSc (Physiotherapy), Thesis, Sheffield, UK.

Spence, D. G. (1999). *Prejudice, paradox and possibility: Nursing people from cultures other than one's own.* School of Nursing and Midwifery, Massey University, PhD (Nursing), Thesis, Auckland, New Zealand.

Vujnovich, A. L. (2000). *Modulation of premotoneuron interneurons in normal and hemiplegic subjects.* University of Auckland, PhD, Thesis, Auckland, New Zealand.

Wright-St Clair, V. (2000). *Caring: The moral motivation for good occupational therapy practice.* Department of Philosophy, University of Auckland, Graduate Diploma in Professional Ethics, Dissertation, Auckland, New Zealand.

8.9 Summary of Outputs



9. Graduate Student Research

The following information outlines the thesis and dissertation topics for postgraduate students during 2000.

PhD students

Student	Supervisor	Topic
Sandra Bassett	Gregory Kolt	Adherence to sport injury rehabilitation programmes
Jane Briscoe	David Seedhouse	What does dignity mean for health workers involved in secluding patients?
Annette Dickinson	Liz Smythe	Managing the care of children with chronic illness: Parent and practitioner perspective
Kerry Gould	Andrew Duncan Hans Everts	Preventative interventions to reduce the impact of divorce on children
Wendy Horne	David Seedhouse	Interdisciplinary education and practice for health professions
Debra Nelson	David Seedhouse	The philosophy and practice of holistic care
Susan Ritchie	David Seedhouse	Maori and Western understandings of health promotion

MHSc Thesis students

Student	Supervisors	Topic
Rhoda Allison	Debbie Payne Lynne Giddings	A discourse analysis of rehabilitation service users participation in goal setting
Bridget Armstrong	Peter McNair Maynard Williams	Deep cervical flexor muscle activity and cervicocephalic proprioception in asymptomatic subjects and subjects following whiplash injury of the neck
Vivienne Axon	Lynne Giddings Brian McKenna	The lived experience of Maori nurses caring for patients in seclusion in an acute mental health in-patient facility
Jane Bebbington	Lynne Gidings Heather Baker	How nurses manage triage decisions – a grounded theory study
Jillian Caldwell	Peter McNair Maynard Williams	Rowing: Kinematics and electromyographic activity in the trunk

Jonathan Claxton	John Cronin Martin Dowson	The effect of different stretching techniques on muscle stiffness and muscle power output
Louise Cooper	Peter McNair Lynne Taylor	Trunk muscle activation patterns associated with standing perturbations in subjects with chronic low back pain
Sidney Cuthbertson	Heather Baker Stephen Street	The ability of FACESII to determine bereavement outcome in next-of-kin of patients who have died following critical illness
Margaret Davidson	Lynn Rochester Jane Harding	Ontogeny of head shape in newborns
Jill Depledge	Peter McNair Cheryl Keals-Smith	The use of pelvic support belts in the treatment of symphysis pubis dysfunction during pregnancy
Karin Drummond	Marion Jones Lynne Giles	The perceived attributes of the clinical leader in the new millennium
Gudrun Frerichs-Penz	Peter Greener Ondra Williams	What is the main concern during the therapy process of people who have dissociative identity disorder
Brian Gabolinscy	Lynne Giddings Heather Baker	The role of emergency nurse practitioner in NZ
Jill Gooder	Clare Hocking Liz Smythe	Older adult's experience of rehabilitation
Jennifer Green	Liz Smythe Jonathan Fay	A phenomenological inquiry into the lived experience of women who have undergone long-term psychotherapy and have not attended for at least one year
Sandra Hall	Lynne Taylor Liz Culav	Effects of soft tissue mobilisation on palmar fibrous oedema
Keir Hansen	John Cronin Peter McNair	Kinematics of resisted sprinting
La Vauney Harris	Deb Spence Evan Sherrard	Deaf to their cries? A phenomenological / hermeneutic study of the experience of deaf clients in verbally based psychotherapy needing to use a sign language interpreter
Diane Henare	Clare Hocking Liz Smythe	Images of pain
Philippa Jackson	Liz Smythe Celie Eales	The meaning expert practice to the parents of children receiving physiotherapy

Jill Kerr	Andrea Vujnovich Lynley Bradnam	The effect of the cervical sensitising manoeuvre in slump on alpha motor neuron excitability
Gaela Kilgour	Peter McNair Susan Stott	The relationship between lower limb range of motion measures to phases in the gait cycle in children with spastic diplegia
Grant Mawston	Peter McNair Simon Cairns	Kinematic and electromyographic responses to sudden loading in the trunk: effects of fatigue
John McArthur	Marion Jones Liz Smythe	Discursive understandings of knowledge and action within advanced nursing practice roles: a co-operative inquiry
Kathryn McCallum	Janis Paterson Bob Large	The radiology conference. Helping patients demystify their pain
Ann Paddy	Valerie Wright-St Clair Liz Smythe	Experiencing the relationship: The client and the community occupational therapist. A phenomenological study
Elicebat Pasan Labong	Debbie Payne Annie Tyson	A discourse analysis of Malaysian registered nurses experience of managing painful dressing procedures with children with burn injuries
Jarrold Presland-Tack	Martin Dowson Henry Duncan	Comparing critical flicker fusion and the twitch interpolation technique in the measure of central fatigue from endurance exercise
Zabidah Putit	Deb Spence Helen Curreen	Lived experience of abused women in Malaysia
Duncan Reid	Peter McNair Lynne Taylor	The influence of hamstring flexibility on lumbo-pelvic angle during the rowing stroke: A kinematic analysis
Diane Roud	Lynne Giddings Heather Baker	A longitudinal descriptive study of nursing performance to evaluate the new graduate registered nurses' perception of their performance
Madeline Sands	Marion Jones Liz Smythe	An interpretative study to uncover the meaning of the team meeting for health professionals working in a multidisciplinary team
Sidiah Siop	Max Abbott Lynne Giles	Identifying the health care needs of older people (60 years and over) in Sarawak, Malaysia
Francis Tracey	Liz Smythe Sandy Simpson	Mentally disordered offenders – their experience of rehabilitation
Vanessa Trent	Peter McNair Maynard Williams	Frequency of stretching required to increase range of motion at the ankle joint

Bruce Webber	Jenny Fleming Harvey White	The significance of clinical variables on coronary artery blood flow, as assessed by the corrected TIMI frame count method, in patients with: a) normal coronary arteries and b) diseased coronary arteries
Barbara Williams	Heather Baker Harvey White	An evaluation of informed consent for trial participation during acute myocardial infarction (A sub-study of the HERO-2) Trial Short title: Consent Study
Elizabeth Wood	Deb Spence Liz Smythe	The experiences of registered nurses who participate in a professional development programme: A phenomenological hermeneutic inquiry
Graham Zinsli	Liz Smythe Tony MacCulloch	The experience of NZ nurses working in disaster / relief settings overseas: A phenomenological approach

MHSc Dissertation students

<i>Student</i>	<i>Supervisor</i>	<i>Topic</i>
Hamish Ashton	Lynley Bradnam	A critical analysis of the efficacy of ultrasound and acupuncture on inflammation
Jackie Chiplin	Sandra Bassett	Competency issues in the maintenance of safe practice of physiotherapists in NZ
Caroline Conroy	Anne Barlow	Exploring the difference in birth outcomes for low risk women in a small community based maternity unit with birth outcomes in other delivery settings
Moira Fahy	Lynley Bradnam	The efficacy of acupuncture in the treatment of occupational overuse disorders: A critical analysis of research evidence
Alison Hope	Deb Spence	An exploratory study into the perceived educational needs of registered nurses
Donna McCook	Lynne Taylor	The role of functional evaluation questionnaires (like the DASH) in the assessment of upper extremity musculoskeletal problems
Jennifer Michel	Debbie Payne	Restraining the confused elderly: A discourse analyse
Julie Moffett	Lynley Bradnam	An investigation into the optimum intervention for lateral epicondylitis - Acupuncture or manual therapy: A review of the literature
Sandra Trent	Deb Spence	Administration of IV antibiotics at home
Lester Wong	Liz Smythe	Wellness care or sickness care? A phenomenological study of the Feldenkrais method and other movement therapies