

Paul Hansen, CV

February 2012

Associate Professor *
Department of Economics
University of Otago
Dunedin, New Zealand

Co-Founder **
1000Minds Ltd
(Decision-making software company)
www.1000minds.com

paul.hansen@otago.ac.nz
P: +64 (0)3 479 8547

paul@1000minds.com
P: +64 (0)3 974 8270

home P: +64 (0)3 477 6046

Born 1 July 1966, Dunedin, New Zealand

Education

PhD, Economics, University of Otago, 1994
Mac, Economics, The Australian National University, 1991
PGDipCom, Economics, University of Otago, 1988
BCom, University of Otago, 1987

Career

2007-present: * Associate Professor, Department of Economics, University of Otago
2003-present: ** Co-Founder, 1000Minds Ltd
1997-2006: Senior Lecturer, Department of Economics, University of Otago
1996: Senior Analyst, New Zealand Treasury (1 year secondment)
1994-6: Lecturer, Department of Economics, University of Otago
1992-3: Teaching Fellow
1989-90: Assistant Lecturer
1988: Junior Research Fellow (funded by Ministry of Health)

Visiting Positions

2010: Sabbatical Visitor, Indian Institute of Management Bangalore (IIMB), India
2008: Sabbatical Visitor, The Gertner Institute for Epidemiology & Health Policy Research, Israel
Visiting Professor, Sungkyunkwan University (SKKU), Korea
2001: Sabbatical Visitor, Stockholm School of Economics, Sweden

Awards & Honours

Nominee, *Otago University Students' Association Supervisor of the Year Award 2011*

Otago University Students' Association Top 20 Teaching Award 2007

Otago University Students' Association Top 10 Teaching Award 2003

NZ's representative, US State Department's *International Visitor Leadership Programme 2003* (1 month tour of US with 21 international representatives studying trade issues and the US economy and political system)

With N Devlin, the first Australasians invited to join *The EuroQol Group* (international researchers into Health-Related Quality of Life), 2000

Senior Research Fellowship (honorary), Central Institute of Technology, 1996

New Zealand Universities Postgraduate Scholarship, 1992-3

Donald Reid Scholarship, 1992-3

Medical Research Council Summer Studentship, 1987

Seven national and international innovation awards for 1000Minds software, as below

Patents (with Franz Ombler)

Patent No. 7552104, "Decision support system and method", United States Patent & Trademark Office (2009)

Patent No. 200423, "Decision support system and method", IP Office, Australian Government (2007)

PCT No. PCT/NZ04/000121, PCT International Preliminary Report on Patentability, International Preliminary Examining Authority (2005)

Patent No. 526447, "Decision support system and method", Intellectual Property Office of New Zealand (2004)

Patent No. 527785 (cognated), "A choice-based method for choosing from a restricted group of alternatives", Intellectual Property Office of New Zealand (2004)

Patent pending in Canada (national examination underway)

Proprietary Software (with Franz Ombler)



www.1000minds.com is software for Multi-Criteria Decision-Making and Conjoint Analysis.

As well as dozens of commercial users, 1000Minds is used around the world for research – resulting in more than 150 journal articles, conference papers, theses, research projects, etc (see www.1000minds.com/researchers).

Over 60 stories on 1000Minds have appeared, including in *The Asian Wall Street Journal*, *New Zealand Herald*, *Haaretz*, *National Business Review*, *Radio New Zealand*, *Sunday Star Times*, *The Listener*, *North & South* (see www.1000minds.com/about/news).

Awards for 1000Minds

Finalist, *Telecommunications Users' Association of New Zealand (TUANZ) Education Innovation Award 2009* (with University of Otago)

Finalist, *2008 Bayer Innovators Award, IT & Communications*

Winner, *Consensus Software Awards 2007* ("The only independently judged Awards for Australian and NZ software proudly sponsored by Microsoft and IBM.")

Finalist, *2006 New Zealand Health Innovation Awards* (with Cardiac Society of Australia & NZ and Ministry of Health's Elective Services Prioritisation Team)

Finalist, *2006 Westpac Chamber of Commerce Business Excellence Innovation Awards*

Winner, *Telecommunications Users' Association of New Zealand (TUANZ) Healthcare Innovation Award 2005*

Finalist, *Global Entrepolis @ Singapore Award 2005* (in association with *The Asian Wall Street Journal's Innovation Award* – 1000Minds was 1 of 6 finalists, from 148 entries, 13 countries)

Grants for 1000Minds

Grant for Private Sector R&D, Foundation for Research, Science & Technology, 2006

Enterprise Development Grant – Market Development, NZ Trade & Enterprise, 2006

Market Support Grant, Economic Development Unit, Dunedin City Council, 2006

Enterprise Development Grant – IP Protection, NZ Trade & Enterprise, 2004, 2005

Refereed Journal Articles, Chapters & Books

2012

- (44) "A new process for creating points systems for prioritising patients for elective health services" (with A Hendry, R Naden, F Ombler, R Stewart), *Clinical Governance: An International Journal* (forthcoming)

2011

- (43) "Cost-effectiveness of non-pharmacologic, non-surgical interventions for hip and/or knee osteoarthritis: Systematic review" (with D Pinto, C Robertson, J Abbott), *Value in Health* (forthcoming)
- (42) "A preference-based approach to deriving breeding objectives – applied to sheep breeding" (with T Byrne, P Amer, P Fennessy, B Wickham), *Animal: The International Journal of Animal Biosciences* (forthcoming)
- (41) "Prospective Outcomes of Injury Study: Recruitment, and participant characteristics, health and disability status" (with S Derrett, G Davie, S Ameratunga, E Wyeth, S Colhoun, S Wilson, A Samaranayaka, R Lilley, B Hokowhitu, J Langley), *Injury Prevention* (forthcoming, published online 1 July)
- (40) "Economic evaluation within a factorial-design randomised controlled trial of exercise, manual therapy, or both interventions for osteoarthritis of the hip or knee:

Study protocol” (with D Pinto, M Robertson, J Abbott on behalf of the MOA Trial Team) *BMJ Open* 1, e000136

- (39) “Good agreement between questionnaire and administrative databases for health care use and costs in patients with osteoarthritis” (with D Pinto, M Robertson, J Abbott) *BMC Medical Research Methodology* 11, 45
- (38) “Health technology prioritization: Which criteria for prioritizing new technologies and what are their relative weights?” (with O Golan, G Kaplan, O Tal) *Health Policy* 102, 126-35

2010

- (37) “Economic evaluation of a community-based obesity prevention program in children: the APPLE project” (with K McAuley, R Taylor, V Farmer, S Williams, C Booker, J Mann) *Obesity* 18, 131-6

2009

- (36) “A new method for scoring multi-attribute value models using pairwise rankings of alternatives” (with F Ombler) *Journal of Multi-Criteria Decision Analysis* 15, 87-107.

+ see *Wikipedia* for an introduction to the method explained in the article:

http://en.wikipedia.org/wiki/Potentially_all_pairwise_rankings_of_all_possible_alternatives

- (35) “Prospective outcomes of injury study” (with S Derrett, J Langley, B Hokowhitu, S Ameratunga, G Davie, E Wyeth, R Lilley) *Injury Prevention* 15; 351 & e3
- (34) “Determining optimal approaches for weight maintenance: a randomized controlled trial” (with K Dale, K McAuley, R Taylor, S Williams, V Farmer, S Vorgers, A Chisholm, J Mann) *Canadian Medical Association Journal* 180, E39-E46
- (33) “Commentary on ‘What is a priority?’ by Paul Spicker”, *Journal of Health Services Research & Policy* 14, 117-8

2007

- (32) “Is laparoscopic colectomy for cancer cost effective relative to open colectomy?” (with J Hayes) *ANZ Journal of Surgery* 77, 782-6

2006

- (31) “Pharmacoeconomic analyses of azathioprine, methotrexate and prospective pharmacogenetic (TPMT) testing for the management of inflammatory bowel disease” (with V Priest, E Begg, S Gardiner, C Frampton, R Gearry, M Barclay, D Clark) *PharmacoEconomics* 24, 767-81
- (30) “Quality-of-life valuations of advanced breast cancer by New Zealand women” (with R Milne, K Heaton-Brown, V Harvey, A Cubitt, D Thomas) *PharmacoEconomics* 24, 281-92

+ “Authors’ reply” to S Land “Correspondence: Quality-of-life valuations of advanced breast cancer by New Zealand women”, *PharmacoEconomics* 24, 416-7

2005

- (29) “A ‘new and improved’ EQ-5D valuation questionnaire? Results from a pilot study” (with N Devlin, P Herbison, S Macran) *The European Journal of Health Economics* 6, 73-82

2004

- (28) “Understanding health state valuations: a qualitative analysis of respondents’ comments” (with N Devlin, C Selai) *Quality of Life Research* 13, 1265-77
- (27) “The validity and reliability of EQ-5D health state valuations in a survey of Māori” (with M Perkins, N Devlin) *Quality of Life Research* 13, 271-4
- (26) “A critique of the multi-sector model of the effects of military spending on economic growth” (with R Alexander) *Applied Econometrics and International Development* 4, 35-54
- (25) *Keeping Economics Real: New Zealand Economic Issues* (edited with A King) Pearson Education New Zealand, 215 pp (2004)
- + 4 chapters: “Will New Zealand be held to account some day soon?”
“Human organ transplants, for love or money?” (with A Graham)
“Borrowing to learn, or learning to borrow? Student fees and the Student Loans Scheme”
“Who shall live and who shall die? Rationing health care in New Zealand” (with N Devlin)

2003

- (24) “Logical inconsistencies in survey respondents’ health state valuations – a methodological challenge for estimating social tariffs” (with N Devlin, P Kind, A Williams) *Health Economics* 12, 529-44
- (23) “Prioritizing patients for elective surgery) A prospective study of clinical priority assessment criteria in New Zealand” (with S Derrett, N Devlin, P Herbison) *International Journal of Technology Assessment in Health Care* 19, 91-105
- (22) “EQ-5D in selected countries around the world” (with R Brooks, J Coons, P De Cock, N Devlin, W De Weert, N Ikegami, J Jelsma, J Johnson, C Marra). Chapter 13 of RG Brooks, R Rabin & F de Charro (eds), *The Measurement and Valuation of Health Status Using EQ-5D: A European Perspective*, Kluwer

2002

- (21) “Another graphical proof of Arrow’s Impossibility Theorem”, *Journal of Economic Education* 33, 217-35

2001

- (20) “Health care spending and economic output: Granger causality” (with N Devlin) *Applied Economics Letters* 8, 561-4
- (19) “Economic growth in Sub-Saharan Africa” (with R Alexander). Chapter 6 of FH Columbus (ed), *Politics and Economics of Africa*, vol. 1, Nova Science Books, Huntington, New York (adapted from article #13 below)

2000

- (18) “The health state preferences and logical inconsistencies of New Zealanders: A tale of two tariffs” (with N Devlin, P Kind, A Williams) *CHE Discussion Paper 180*, Centre for Health Economics, The University of York
- (17) “Variations in self-reported health status: results from a New Zealand survey” (with N Devlin, P Herbison) *New Zealand Medical Journal* 1123, 517-20

1999

- (16) “Ethical precepts of cost-utility analysis” (with N Devlin) *Otago Bioethics Report 2*, 16-20

1998

- (15) “Health care expenditure and GDP: panel data unit root test results – comment” (with A King) *Journal of Health Economics* 17, 377-81
- (14) “Human capital and returns to scale” (with S Knowles) *Journal of Economic Studies* 25, 118-23
- (13) “Government, exports and instability, and economic growth in sub-Saharan Africa” (with R Alexander) *South African Journal of Economics* 66, 492-511

1997

- (12) “Inference on ‘Earnings dynamics over the life cycle: new evidence for New Zealand’”, *New Zealand Economic Papers* 31, 221-7

1996

- (11) “The determinants of health care expenditure: a cointegration approach” (with A King) *Journal of Health Economics* 15, 127-37
- (10) “Inference on productivity differentials in multi-sector models of economic growth” (with R Alexander, D Owen) *Journal of Development Economics* 51, 315-25
- (9) “Uncertain income, uncertain taxes and Ricardian equivalence”, *Bulletin of Economic Research* 48, 317-28
- (8) “Kaldor’s technical progress function: a comment”, *Applied Economics Letters* 3, 729-31
- (7) “Aggregate health care expenditure in the United States: evidence from cointegration tests: a comment” (with A King) *Applied Economics Letters* 3, 37-9

1995

- (6) “Financing New Zealand’s tertiary education: comment” (with N Devlin, S Knowles) *Agenda* 2, 223-5
- (5) “The cost-effectiveness of compulsory bicycle helmets in New Zealand” (with P Scuffham) *Australian Journal of Public Health* 5, 450-4

1994

- (4) “The government, exporters and economic growth in New Zealand”, *New Zealand*

Economic Papers 28, 133-42

- (3) “Investment data and the empirical relationship between exporters, government and economic growth”, *Applied Economics Letters* 1, 107-10

1992

- (2) “Costs of asthma”, *PharmacoEconomics* 2, 249-51

1988

- (1) “Economic costs and benefits of treating mild hypertension: results from a cross-sectional model” (with A Millar) *New Zealand Medical Journal* 101, 623-5

Major Commissioned Reports

“Access to high-cost, highly-specialised medicines in New Zealand” (with P McCormack & J Quigley). Report of the High-Cost, Highly-Specialised Medicines Review Panel to the Minister of Health, Hon Tony Ryall, 87 pp (2010)
www.beehive.govt.nz/release/access+high+cost+medicines+report+received

“A theoretical review of PHARMAC’s over-arching approach to deciding which pharmaceuticals to fund, including high cost ones.” A report commissioned by PHARMAC, 36 pp (2006) www.pharmac.govt.nz/2006/06/06/HCM2.pdf

“A review of PHARMAC’s *Draft Prescription for Pharmacoeconomic Analysis*, Volume 2.” A report commissioned by New Zealand’s Pharmaceutical Management Agency (PHARMAC), 23 pp (2006)

Other Publications

Minor Commissioned Reports

“1000Minds MCDA software – implementing the PAPRIKA method” (with F Ombler), Software report, *Newsletter of EURO Working Group on Multicriteria Decision Aiding* 3, 9-13 (2011)

“The ‘worth’ of a degree” (with N Devlin, S Knowles). A report for the Association of University Teachers (1994)

Reviews

“Website for economists” review. For *Asymmetric Information*, newsletter for the New Zealand Association of Economists (1998)

Book review of B Easton, *The Commercialisation of New Zealand*, Auckland University Press, 1997, 288pp. For *New Zealand Journal of Industrial Relations* (1997)

Refereed Conference Proceedings

“Preference-based approaches to deriving breeding objectives: Application to sheep and plant breeding” (with T Byrne, P Fennessy, K Smith, P Amer), 19th Conference of Association for the Advancement of Animal Breeding and Genetics (AAABG), Perth, *AAABG Conference Proceedings* 20 (2011)

“Cost-effectiveness of manual therapy, exercise, and manual therapy and exercise combined for the management of osteoarthritis of the hip and knee” (with D Pinto, M Robertson, J Abbott), *Proceedings of 33rd Annual Meeting of the Society for Medical Decision Making*, Chicago (2011)

“Capturing data on health care use and costs for patients with osteoarthritis: Agreement between a patient-completed questionnaire and administrative records” (with D Pinto, M Robertson, J Garcia, J Abbott), *Proceedings of International Society for Pharmacoeconomics & Outcomes Research (ISPOR) 15th Annual International Meeting*, Atlanta. Finalist, Best Poster Award (2010)

“A systematic review of economic evaluations for conservative, non-pharmacologic management of hip and/or knee osteoarthritis” (with D Pinto, M Robertson, J Abbott), *Proceedings of the Australian Physiotherapy Association Conference*, Sydney (2009)

“A ‘new and improved’ EQ-5D valuation questionnaire? Results from a pilot study” (with N Devlin, S Macran), pp. 323-60. In P Kind & S Macran (eds), *19th Plenary Meeting of the EuroQol Group Discussion Papers*, University of York, United Kingdom (2002)

“Prioritising patients for elective surgery: A prospective study of Clinical Priority Assessment Criteria (CPAC) in New Zealand” (with S Derrett, N Devlin, P Herbison), pp. 65-80; and

“Understanding health state valuations: a qualitative analysis of respondents’ comments” (with N Devlin, C Selai), pp. 81-103. In A Norinder, K Pedersen & P Roos (eds), *Proceedings of the 18th Plenary Meeting of the EuroQol Group*, Copenhagen, Denmark (2001)

“The health state preferences and logical inconsistencies of New Zealanders: A tale of two tariffs” (with N Devlin, A Williams, P Kind), pp. 61-86; and

“Does it matter whose valuations are used to estimate health state tariffs, and which tariffs are used for CUA?” (with K Buckingham, N Devlin), pp. 137-52. In J Cabasés & I Gaminde (eds), *17th Plenary Meeting of the EuroQol Group Discussion Papers*, Pamplona, Spain (2000)

Published Abstracts

“Can participants be trusted sources for valuing health resource use in economic evaluation studies?” (with D Pinto, M Robertson, J Garcia, J Abbott), *Proceedings of the American Physical Therapy Association (APTA) Combined Sections Meeting 2010*, San Diego. Winner, Best Research Platform Presentation. Abstract published in *HPA Journal* 10, J11 (2010)

“Identifying and valuing health resource use in economic evaluation studies. Can participants be trusted sources?” (with D Pinto, M Robertson, J Garcia, J Abbott), *Proceedings of the 198th Scientific Meeting of the Otago Medical School Research Society*, Dunedin. Abstract published in *New Zealand Medical Journal* 122, 61-2 (2009)

“An interactive online personal planner for healthy food choices and exercise” (with P McKewen, B Bannister, M Hodges, F Omblor), 7th International Diabetes Federation Western Pacific Region Congress. Abstract published in *Diabetes Research and Clinical Practice* 79, S53 (2008)

Discussion Papers (not published elsewhere)

“Allocating Vote Health – ‘needs assessment’ and an economics-based approach” (with N Devlin) *Treasury Working Paper* 00/4, New Zealand Treasury (2000)

“The management of waiting lists: an exercise in social choice”, *Economics Discussion Papers*, No. 9509, University of Otago (1995)

“Health care spending and economic growth: a time-series analysis” (with N Devlin) *Economics Discussion Papers*, No. 9426, University of Otago (1994)

“Universities: who benefits from them and who should pay? A response to the 1994 Todd report” (with N Devlin, S Knowles) No. 9418, *Economics Discussion Papers*, University of Otago (1994)

“Discounting the value of health care outputs to reflect their opportunity costs”, *Economics Discussion Papers*, No. 9301, University of Otago (1993)

Articles in *EcoNZ@Otago* (a magazine about economics issues published by Department of Economics, University of Otago)

“Entrepreneurship: The long and winding road to commercial success” (with A Paradkar, J Knight), Issue 26 (2011)

“Eeny, meeny, miny, moe. Catch a patient by the toe. To whom should the treatments go?”, Issue 21 (2008)

“Fun-loving – and rational? – criminals: The economic theory of crime and punishment” (with D Trendle), Issue 12 (2004)

“Human organ transplants. For love or money?” (with A Graham), Issue 11 (2003)

“Borrowing to learn, or learning to borrow? Student fees and the loans scheme”, Issue 9 (2002)

“Who shall live & who shall die? Rationing publicly-funded health care” (with N Devlin), Issue 3 (1999)

“Some day soon will New Zealand be called to account?”, Issue 1 (1988)

Consulting Activity

International Research Consortia

Consultant economist to “Identification of a standardised set of physical performance outcome measures for lower limb osteoarthritis” (K Bennell, F Dobson, R Hinman, et al), OA Working Party project administered via University of Melbourne, 2011-

Australian Public Sector

Member of Health Services Research Working Group (HSRWG), Australian National Health & Medical Research Council, 2004-6

New Zealand Public Sector

Commissioned peer reviewer of the final draft of “Value for Money Review of Problem Gambling Services” by KPMG, for Ministry of Health, 2011

Member of High-Cost, Highly-Specialised Medicines Review Panel, Ministry of Health, 2009-10

Member of Public Sector Productivity Advisory Group, Statistics New Zealand, 2009

Consultant to Business Environmental Assessment Tool (BEAT) Evaluation Panel, Ministry of Economic Development, 2009

Peer reviewer (*pro bono*) of ‘Economics’ content on Sorted website (www.sorted.org.nz), Retirement Commission, 2009

Commissioned peer reviewer of “Growing pains: The valuation and cost of human capital” by Greg Clydesdale, for Ministry of Pacific Islands Affairs, 2008

Consultant economist to New Zealand’s Pharmaceutical Management Agency (PHARMAC), Theoretical review of PHARMAC’s over-arching approach to deciding which pharmaceuticals to fund, including high cost ones, 2005-6

Adviser (*pro bono*) to the Ministry of Education-sponsored reference group for high school curriculum development in social sciences, in particular Economics, 2005

Member of Technical Advisory Group, Ministry of Health, Prioritisation project, 2002-3

Member of Advisory Group, Ministry of Health, The ‘Maori health factor’ for prioritisation, 2003

Consultant economist (*pro bono*) to Housing New Zealand, Healthy Housing project, 2002-3

Consultant economist (*pro bono*) to New Zealand Treasury, 1999-2000 2001

Invited participant to Employment Relations Act Evaluation economic analysis workshop, Labour Market Policy Group, Department of Labour, 2001

Member of Technical Advisory Group, Ministry of Health, Sustainable Funding project, 1998-2000

Consultant economist to Central Regional Health Authority (and later Transitional Health Authority), 1996-8

University of Otago Research Groups

Consultant economist to “Prospective Outcomes of Injury Study (POIS)” (S Derrett, J Langley, et al), funded by Health Research Council of New Zealand and Accident Compensation Corporation, 2008-present

Consultant economist to “Management of Osteoarthritis (MOA) Trial” (J Abbott, C Robertson, et al), funded by Health Research Council and Lottery Health Grants Board, 2008-present

Consultant economist to “Preventing obesity in children via environmental intervention” (R Taylor, J Mann, et al), funded by Health Research Council, 2005-8

Consultant economist to “Optimal approaches for maintenance of weight loss” (K McAuley, J Mann, et al), funded by National Heart Foundation Grants and Lottery Health Grants Board, 2005-8

Consultant economist (*pro bono*) to Dunedin Multi-Disciplinary Health & Development Research Unit, Mental Health on Transition to Adulthood project, 1997

Other Organisations

Consultant economist (*pro bono*) to Otago Chamber of Commerce & Industry, Appraisal of Dunedin City Council's draft Economic Development Strategy, 2005

Consultant economist to Law & Economics Consulting Group (LECG), 1998-2001

Supervision of Research Students (many shared with colleagues)

PhD Theses

D Samaranayake, "Application of genomics to the diagnosis, management and prevention of disease: Two case studies from colorectal cancer and childhood type 1 diabetes", 2011-

T Byrne, "Development and comparison of approaches to the genetic improvement of sheep", 2009-present

T Sullivan, "Health Technology Prioritisation: Setting priorities in a publicly-funded healthcare system", 2009-present

D Pinto, "The cost-effectiveness of a manual physical therapy program for managing symptomatic osteoarthritis: A randomised controlled trial", 2008-present (submitted for examination)

A Paradkar, "Innovation and resources: A qualitative study of entrepreneurial ventures through the lens of the Resource-Based View", 2008-11 (awarded 2011)

M Lee, "Economic evaluation of pharmacogenomic-based treatments", 2007-09 (deferred)

A Lépine, "Why and how should we invest in the health sector in developing countries? Evidence from rural Senegal", 2009-10

J Drysdale (The Australian National University), "Avoiding the resource curse: Challenges to sustainable development in Timor Leste", 2005-7 (adviser) (awarded 2007)

N Laird, "Valuing design: Assessing competence within design education", 2005-6 (deferred)

C Smithies, "The generation of cardinal value data from ordinal rankings", 2004-8 (deferred)

C Weatherston, "Deep determinants of economic growth: Geography, institutions, etc.", 2003-5 (awarded 2007)

F Tokalau, "Assessing the impact of communal value of land on tourism development in Fiji: A contingent valuation and social scoping approach", 2003-4 (awarded 2008)

P Scuffham, "An econometric analysis of motor vehicle traffic crashes and macroeconomic factors", 1994-8 (awarded 1999)

Master of Public Health Theses

E Penno, "New Zealand's Population-Based Funding Formula: an analysis of the relationship between health funding and need", 2011

MCom Theses

D Trendle, “Is an apple a day enough to keep the doctor away? A time-series investigation into the determinants of selected diseases and aggregate mortality for New Zealand”, 2004

G Cambridge, “The evolution of education policy in New Zealand”, 1995

Master of Business Theses

M Lion, “The benefits of pharmaceuticals: A review of the literature surrounding cost-benefit and cost-utility analysis”; and “Is there wisdom in the removal of wisdom teeth: An economic evaluation of the prophylactic removal of lower impacted wisdom teeth”, 2009

Master of International Studies Theses

W McGimpsey, “Sustainability preferences: An investigation of consumer demand for sustainability attributes with regard to New Zealand’s agricultural sector, 2011

MBA Consultancy Projects

P Baron, “Shared Electronic Health Records (SEHR): A feasibility study and a conjoint analysis”, 2011

H Almakky, “Productisation of 1000Minds for deriving breeding objectives for AbacusBio Ltd”, 2011

M Keller, “CentrePort Wellington: An analysis of labour costs, workforce planning and scheduling”, Project report; and “A review of workforce planning and scheduling methods for port operations”, Research dissertation, 2011

S Atherton, “Cost structure of Zoom Tech Ltd”, 2009

P Waters, “Genetic engineering and New Zealand: An analysis of the key issues”, 2003

Master of Entrepreneurship Business Incubation Projects

A Guenther, “*Pledge Me* – A platform to crowd-source funding for creative projects in New Zealand”, 2011-

S Wrigley, “Mobetio International Limited. Mobile solutions that help diagnose, treat and prevent disease”, 2010-11

B Fay, “*InFays* – A new online tool for allocating advertising budgets”, 2010-11

Economics Honours Dissertations

N Kergozou de la boessiere, “Do aid donors care about the characteristics of the recipient country, and what the money is spent on?”, 2012

”D Taylor, “Demeanour or degree: Which characteristics are perceived as the most important in prospective entrepreneurs?”, 2011

R Bell, “Estimating the cost of childhood obesity to adult socio-economic status”, 2011

T Lawson, “Mole mapping to reduce melanoma: a cost-utility analysis for New Zealand”, 2010

C Hall, “An economic analysis of wind power generation in New Zealand”, 2006

S Pannett, "What is the optimal number/size of hospitals in New Zealand?", 2005

C Burrows, "Ministry of Health objectives: stated versus revealed", 2004

A Stiven, "Alcohol policy and STDs", 2004

A Carson, "Health care and growth", 2004

D Trendle, "Demand for crime in New Zealand", 2003

S Wilson, "An economic analysis of an Air New Zealand-Qantas merger", 2003

N Masters, "A cost-benefit analysis of the proposed Blueskin Bay mussel farm", 2003

R Sullivan, "Economic and environmental impacts of mussel farming", 2002

C Wilson, "Sectoral government spending and Ricardian equivalence", 2002

W Dunlop, "Ethical foundations of cost-utility analysis", 2001

M Cochrane, "A cost-utility analysis of treatment options for morbid obesity", 2000

A Graham, "An economic analysis of the market for organs, blood and body products", 2000

M Perkins, "Māori perceptions of health states", 2000

L Rawlinson, "Evaluating available instruments for eliciting health state utilities", 1999

R Gilchrist, "Cost-utility analysis of bone marrow transplants for breast cancer", 1999

H Rawlings, "Universality versus targeting of 'social assistance'", 1999

E Rush, "Optimal government size and economic growth: a critique of Scully (1995) and development of an alternative model", 1998

L Ashby, "Modelling the time-varying risk premium on the NZ dollar", 1997

K Mather, "A cost-effectiveness analysis of balloon angioplasty with coronary stents", 1995

L Bunt, "Unemployment and health: a time series analysis"

D Borrie, "The effect of advertising on macroeconomic variables", 1995

T Sullivan, "Rates of return to university education", 1994

P Mellor, "Demand for university education", 1994

D Anderson, "Cost-benefit analysis of liver transplants", 1994

Examination of Research Students

'External' Examiner

MBA Project Presentations, Indian Institute of Management Bangalore (IIMB), 2010

Clinical Economics & Pharmacoeconomics coursework, University of Auckland, 2004

Master of Commerce & Management Thesis, Lincoln University, 2003

PhD Thesis, University of Auckland, 2000

Master of Commerce & Administration (Honours) Thesis, Victoria University, 1999

MPhil Research Essay, University of Auckland, 1994

‘Internal’ Examiner, University of Otago

MBA Consultancy Project, 2003, 2005, 2010 (twice), 2011 (thrice)
Master of Entrepreneurship Business Incubation Project, 2011 (twice)
Master of Public Health Thesis, 2004, 2010, 2012
Master of Health Sciences Thesis, 2006
PhD Thesis, 2001
Master of Commerce Thesis, 2000
Master of Commerce Thesis, 1998

Teaching Experience (mostly University of Otago, 1989-present)

Microeconomics

1st-year Introductory (Principles)
2nd-year Intermediate
2nd-year Intermediate Microeconomic Theory

Macroeconomics

1st-year Introductory (Principles)
2nd-year Intermediate
3rd-year Honours

Health Economics

3rd-year Intermediate
4th-year Honours

+ ‘guest’ lectures to:

Medical Decision-Making (5th-year & 3rd-year Medical School courses)
Prioritisation and Health Care (4th-year Public Health course)
Masters of General Practice (residential course)
Post-Graduate Nursing Leadership & Management course
Masters of Public Health
Health Informatics Workshop (Department of Information Science)

Master of Business Administration (MBA)

Managerial Economics
Executive Master of Business Administration (EMBA)
Economics Environment, MBA International Business week
EMBA course, Sungkyunkwan University (SKKU), Korea
Post Graduate Programme in Management, Indian Institute of Management Bangalore (IIMB), India

Master of Regional & Resource Planning (MRRP)

Cost-Benefit Analysis & Project Appraisal

Conjoint Analysis

Strategic Design, Department of Design

Reviewing

Journal Articles

Defence & Peace Economics, 2011
Injury Prevention, 2011
Journal of Health Services Research & Policy, 2000, 2001, 2007, 2008, 2011
Asia-Pacific Journal of Public Health, 2010 (twice)
PharmacoEconomics, 1992, 1993, 1994, 1995, 2009, 2010
British Medical Journal, 2009
New Zealand Economic Papers, 1995, 1996, 1997, 2001, 2009
The Economic Record, 2008
Cost Effectiveness & Resource Allocation, 2008
Journal of Health Economics, 2000, 2001, 2007
Health Economics, 1999, 2001, 2007
Journal of Bioethical Inquiry, 2005
Social Science and Medicine, 2003
Journal of Environmental Management, 2003
Journal of Economics Education, 2000, 2002
Applied Health Economics and Health Policy, 2002
New Zealand Treasury Working Papers, 2001
Journal of Economic Psychology, 2000
Applied Economics, 2000
Australian Journal of Public Administration, 1999
New Zealand Ministry of Health Occasional Papers, 1999

Textbook Adaptations

J Sloman, *Economics*, Pearson, 2007, for New Zealand
NG Mankiw, *Principles of Macroeconomics*, Thomson, 2005, for New Zealand
RH Frank & BS Bernanke, *Microeconomics*, McGraw-Hill, 2005, for Australia

Research Grant Applications

Marsden Fund grants, Royal Society of New Zealand, 2011
Australian Development Research Awards (ADRA) grants, AusAID, Australian Government, 2009
HRC grants, Health Research Council of New Zealand, Primary Prevention of Cancer & Other Chronic Disease, 2009
Health Services Research Programme Grants, Australian National Health & Medical Research Council, 2004-6
Otago Research Grants, University of Otago, 2005-9
School of Business Research Grants, University of Otago, 2004-8
HRC grants, Health Research Council of New Zealand, Māori Health Joint Venture, 2002

Course Proposals

Honours in Health Economics, University of Canterbury, 2004

Conference Submissions

6th, 7th, 8th & 9th *International Conference on Education & Information Systems, Technologies & Applications*, 3 abstracts & 9 papers, 2008-11
2nd *International Conference on Education, Training & Informatics*, 3 papers, 2011

Editorship of *EcoNZ@Otago*

A magazine about contemporary economics issues produced by Department of Economics, University of Otago, 2003-6

Seminars

Centre for Health Economics, Monash University, 2011
Departments of Consumer Science & Information Science, University of Otago, 2011
Department of Oral Sciences, Orthodontics section, University of Otago, 2011
Department of Management & Microeconomics, Goethe University Frankfurt, 2010
Political Economy of Reforms Collaborative Research Center, University of Mannheim, 2010
Indian Institute of Management Bangalore (IIMB), India, 2010
New Zealand Treasury, *Guest Lectures by Visiting Academics*, 2010
www.treasury.govt.nz/publications/media-speeches/guestlectures/hansen-mar10
Public Health Association and Department of Preventive & Social Medicine, University of Otago, 1998, 2000, 2005, 2010
Pharmaceutical Management Agency (PHARMAC), 2009
Technion – Israel Institute of Technology, 2008 (twice)
The Gertner Institute for Epidemiology & Health Policy Research, Israel, 2008 (twice)
Israeli Medical Association Health Technology Assessment Workshop, 2008
Social Justice Group, The Gertner Institute, Israel, 2008
Maccabi Health Service, Israel, 2008
IT Seminar, University of Otago, 2007
Department of Finance, University of Otago, 2006
Centre for Resource & Environmental Studies, Australian National University, 2005
Bioethics Centre, University of Otago, 2005
Department of Human Nutrition, University of Otago, 2005
Department of Mathematics & Statistics, University of Otago, 2004
Department of Surgery, University of Otago, 2004
Department of Marketing, University of Otago, 2004
CPAC (Clinical Priority Access Criteria) Consortium Group, 2003
Housing New Zealand, 2002
Economics Department, Stockholm School of Economics, 2001 (twice)
Health Economists Group, University of Canterbury, 2000
Health Services Research Centre, Victoria University of Wellington, 2000
Bioethics Research Centre's Journal Club, 2000
Bioethics Summer Seminar, 2000
Department of Economics, University of Otago, 1998, 1999, 2000, 2001, 2002, 2003

Invited Presentations

PHARMAC Forum, 2012
'Asset Sales' Forum at St Paul's Cathedral, 2012
Symposium on Computational Modelling, University of Otago, 2010
University of the 3rd Age (U3A), 2010
University of Otago Conference for Teachers, 2009
Hampden Union Celebrity Challenge Debate, A 350 Event for Climate Action at
Copenhagen, 2009
University of Otago Design Studies Keynote Lecture (with A Gilks), 2009
Technology Business In Action – IT & Health, 2009
Applied Science Student Association, Seminar Series, 2009
The Israel National Institute of Health Policy Research, International Workshop, 2008
University of Otago School of Business, Teaching Seminar Series, 2008
University of Otago General Staff Conference (with M Harte), 2007
New Zealand Society of Oncology Conference, 2007
3rd OUSA Postgraduate Symposium, 2007
New Zealand Future Medicines Policy Summit, 2006
Otago Area Health Board, 2006
bioSouth, 2006
NBR Audacious Business Plan Competition launch, 2006
Commerce & Economics Teachers' Association (CETA), 1998, 2000, 2005
The University Club, 2004
High School Careers Advisers' Conference, 1999
Mornington & Castle St branches of the Labour Party, 1998
New Zealand University Students' Association Annual Conference, 1995

Media Interviews

TVNZ Breakfast, 2011
Newstalk ZB, 2011
BellaOnLine, 2011
Otago Daily Times, 2004, 2005 (twice), 2009 (thrice), 2011
The Press, 2007, 2009, 2010
He Kitenga, 2004, 2010
D Scene, 2009, 2010
The Star, 2009
INsite, 2009
The Dominion Post, 2008
Radio Pacific Live, 2008
Morning Report, National Radio, 2008
Computerworld NZ, 2007
National Business Review, 2005, 2007 (twice)
One News, 2005
The Listener, 2005
Otago Bulletin, 2005
Critic, 2005, 2006, 2009

Channel 9, 2000 (twice), 2001, 2004 (twice), 2005 (4 times), 2006 (twice)
Sunday Star Times, 2004, 2005, 2007
Radio Slovakia, 2004
University of Otago Magazine, 2004
Nine-to-Noon with Linda Clark, National Radio, 2004
School of Business News, 2003, 2007
Radio 1, 2003
TelstraClear Business (TV One), pre-election commentary, 2002
Radio Rhema, 2001
Netline, 1997

Conference Organising & Chairing

Programme Committee member, Pan-Pacific Conference XXIV, “Digital Convergence & e-Globalization”, 2006-7
Conference Co-Director, 40th University of Otago Foreign Policy School, “Human Security & Development: Meeting the Millennium Development Goals?”, 2005
Session Chair, Otago Foreign Policy School, 2001-11

University of Otago Service

University-wide

Three Minute Thesis Competition, judge, 2009, 2011
Division of Humanities Promotions Committee, member, 2008
Department of Management Review, member, 2007
Appointment of PVC & Dean Advisory Committee, member, 2006
Otago Research Grants, Social Science Panel, member, 2005-7, 2009
40th Otago Foreign Policy School, “Human Security & Development: Meeting the Millennium Development Goals?”, Co-Director, 2005
Career Advisers’ Update Day (Auckland region), speaker, 2005
Otago Foreign Policy School Committee, member, 2000-present
The Erkin Bairam Memorial Prize (awarded to the 2 best 3rd-Year Economics Honours students), ‘founder’, 2003
Department of Design Appointments Committee, member, 2003, 2005
Student Overseas Exchanges, interviewer, 2000
NewStart Seminar, speaker, 2002-4
Summer School Board, member, 2000-1

School of Business

Postgraduate Certificate in Technology & Entrepreneurship (PGCertTechEntr), course co-ordinator, 2011
Master of Entrepreneurship, academic leader, 2009-10
School of Business Postgraduate Colloquium, discussant, 2009
School of Business Promotions Committee, member, 2008
Health Sciences Divisional Board, School of Business representative, 2007-8
Research Committee, member, 2003-present
Vice-Chancellor Selection Focus Group, member, 2003

Department of Economics

1st-year Principles of Economics 1, course co-ordinator, 2005-8
2nd-year Microeconomics, course co-ordinator, 2002-6, 2008-present
1st-year Microeconomics, course co-ordinator, 1998-2002
'Schools' liaison co-ordinator, 1997-2007
Māori liaison co-ordinator, 2004
Honours students liaison, 1998-2000, 2003
Enrolments adviser, 1997-present, 2007
300-level papers co-ordinator, 1995
Academic Board, member, 1995, 1999-2001, 2004