

Paul Hansen

ACADEMIC C.V.

March 2022

Professor
Department of Economics
University of Otago
Dunedin, New Zealand

paul.hansen@otago.ac.nz

office: +64 3 479 8547

paul@1000minds.com

mob: +64 204 028 6482

Born 1 July 1966, Dunedin, New Zealand

Education

PhD, Economics, University of Otago, 1994

MEc, Economics, The Australian National University, 1991

PGDipCom, Economics, University of Otago, 1988

BCom, University of Otago, 1987

Career

2018- present: Professor, Department of Economics, University of Otago

2003-present: Co-founder, 1000minds Ltd and GoSkills Ltd

2019-2020: Head of Department, Economics, University of Otago

2007-17: Associate Professor, Department of Economics, University of Otago

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

2017: Temporary Advisor to the World Health Organization, Switzerland

2014: Google Contractor, USA

2010: Sabbatical Visitor, Indian Institute of Management Bangalore (IIMB), India

2008: Sabbatical Visitor, The Gertner Institute, Israel

Visiting Professor, Sungkyunkwan University (SKKU), Korea

2001: Sabbatical Visitor, Stockholm School of Economics, Sweden

Awards & Honours

Teaching Awards

Finalist, *Otago University Students' Association Top 10 Teaching Award 2016*
Nominee, *Otago University Students' Association Top 10 Teaching Award 2015, 2017*
Otago University Students' Association Top 20 Teaching Award 2007
Otago University Students' Association Top 10 Teaching Award 2003

Research Awards

Winner, *Otago Business School Research Impact Award 2018*

PhD Supervision Awards

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

Innovation Awards (with F Ombler, 1000minds Ltd)

Finalist, *Telecommunications Users' Association of New Zealand (TUANZ) Education Innovation Award 2009* (with University of Otago)
Finalist, *2008 Bayer Innovators Award, IT & Communications* (with F Ombler)
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)

Other Honours

Invited affiliate of the Bioethics Centre, University of Otago, 2021
Invited by New Zealand Sea Lion Trust to name a sea lion pup born at Long Beach, Dunedin, 2021: "Poseidon"
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 of addition, to New Zealand Patent 526447, No. 607753, “Decision support system and method supplemented by strength-of-preference and scaling information”, Intellectual Property Office of New Zealand (2015)

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)

Proprietary Software (with Franz Ombler, Julian Moller and others)



www.1000minds.com: a web application based on the PAPRIKA algorithm to help individuals and groups to discover what matters to people, and to make decisions consistently, fairly and transparently – i.e. Multi-Criteria Decision-Making and Conjoint Analysis.

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



meenymo.com: a free web app for everyday multi-criteria decision-making, powered by 1000minds technology, implementing the PAPRIKA algorithm.



www.nomajordrama.co.nz: a free website for students to learn about majors for Bachelor degrees from across all eight NZ universities and to rank them based on their skills and interests.



www.go.skills.com: a global online-learning platform with 80+ courses on *Excel*, *PowerPoint*, *Photoshop*, Project Management, Finance, Business Writing, Agile/Scrum, etc.

Peer-Reviewed Publications

2022

- (82) “Lockdown design: Which features of lockdowns are most important to Covid-19 experts?” (with D Wesselbaum), *Journal of the Royal Society of New Zealand*, forthcoming
- (81) “Development of radiographic classification criteria for hand osteoarthritis: Methodological report (Phase 2)” (with I Haugen, D Felson ... , M Kloppenburg), *RMD Open*, 8, 1-10
- (80) “Stakeholder-based conjoint analysis for branding wellness tourism in Kerala, India” (with J Romão, P Seal, S Joseph, S Piramanayagam), *Asia-Pacific Journal of Regional Science*, 6, 91-111

2021

- (79) “New Zealand population norms for the EQ-5D-5L constructed from the personal value sets of participants in a national survey” (with T Sullivan, S Derrett, R Turner), *Value in Health*, 24, 1308-18
- (78) “Rapid development of a tool for prioritizing Covid-19 patients for intensive care” (with M Roy, T Sullivan, F Ombler, M Kiore, A Carr & A Stapleton), *Critical Care Explorations*, 3, e0368
- (77) “Creating a priority list of non-communicable diseases to support health research funding decision-making” (with S Babashahi, T Sullivan), *Health Policy*, 125, 221-28

2020

- (76) “Stakeholders’ preferences for osteoarthritis interventions in health services: a cross-sectional study using multi-criteria decision analysis” (with J Chua, A Briggs, R Wilson, D Gwynne-Jones, J Abbott), *Osteoarthritis and Cartilage Open*, 2, 100110
- (75) “What matters most to patients when choosing treatment for mild-moderate asthma? Results from a discrete choice experiment” (with C Baggott, R Hancox, J Hardy, J Sparks, M Holliday, M Weatherall, R Beasley, H Reddel, J Fingleton), *Thorax*, 75, 842-48
- (74) “Multi-Criteria Decision Analysis to prioritize hospital admission of patients affected by COVID-19 in low-resource settings with hospital-bed shortage” (with P De Nardo, E Gentilotti, F Mazzaferri, E Cremonini, H Goossens, E Tacconelli and COVID-19 MCDA Group), *International Journal of Infectious Diseases*, 98, 494-500
- (73) “Choosing interventions for hip or knee osteoarthritis: what matters to stakeholders? A mixed-methods study” (with J Chua, A Briggs, C Chapple, J Abbott), *Osteoarthritis and Cartilage Open*, 2, 100062
- (72) “A new tool for creating personal and social EQ-5D-5L value sets, including valuing ‘dead’” (with T Sullivan, F Ombler, S Derrett, N Devlin), *Social Science & Medicine*, 246, 112707

2019

- (71) “Donor motives, public preferences and the allocation of UK foreign aid: A Discrete Choice Experiment approach” (with S Feeny, S Knowles, M McGillivray, F Ombler), *Review of World Economics*, 155, 511-37

- (70) “Multi-Criteria Decision Analysis (MCDA) in health care decision making” (with N Devlin), In: *Oxford Research Encyclopedia of Economics and Finance*, Oxford University Press
- (69) “Is point-of-care cervical cancer screening cost-effective for Samoa? A cost-utility analysis based on a cohort Markov model” (with V Rijnberg, A Ekeroma, J-A Stanton), *Pacific Journal of Reproductive Health*, 1, 423-39
- (68) “Preferences for physical activity: A conjoint analysis involving people with chronic knee pain” (with D Pinto, U Bockenholt, J Lee, R Chang, L Sharma, D Finn, A Heinemann, J Holl), *Osteoarthritis and Cartilage*, 27, 240-47
- (67) “Issues in the design of discrete choice experiments” (with R Norman, B Craig, M Jonker, J Rose, D Street, B Mulhern), *The Patient – Patient-Centered Outcomes Research*, 12, 281-85

2018

- (66) “How significant are ‘high’ correlations between EQ-5D value sets?” (with F Ombler, M Albert), *Medical Decision Making*, 38, 635-45
- (65) “Discovery, research, and development of new antibiotics: the WHO priority list of antibiotic-resistant bacteria and tuberculosis” (with E Tacconelli, E Carrara, ... N Magrini and the WHO Pathogens Priority List working group), *The Lancet Infectious Diseases*, 18, 318-327

2017

- (64) “The quality-of-life burden of knee osteoarthritis in New Zealand adults: A model-based evaluation” (with J Abbott, I Usiskin, R Wilson, E Losina), *PLOS One*, 12, e0185676
- (63) “2016 ACR-EULAR adult dermatomyositis and polymyositis and juvenile dermatomyositis response criteria – methodological aspects” (with L Rider, N Ruperto, ... J Vencovsky, R Aggarwal), *Rheumatology*, 56, 1884-93
- (62) “Qualitative development of a discrete choice experiment for physical activity interventions to improve knee osteoarthritis” (with D Pinto, M Danilovich, D Finn, R Chang, J Holl, A Heinemann, U Bockenholt), *Archives of Physical Medicine and Rehabilitation*, 98, 1210-16
- (61) “Determining criteria and weights for prioritizing health technologies based on the preferences of the general population: A New Zealand pilot study” (with T Sullivan), *Value in Health*, 20, 679-686
- (60) “Bilateral foreign aid: How important is aid effectiveness to people for choosing countries to support?” (with H Cunningham, S Knowles), *Applied Economics Letters*, 24, 306-310
- (59) “A tool for measuring SMEs’ reputation, engagement and goodwill: A New Zealand exploratory study” (with R Whiting, A Sen), *Journal of Intellectual Capital*, 18, 170-88
- (58) “Subsequent Injury Study (SInS): Improving outcomes for injured New Zealanders” (with S Derrett, H Harcombe, E Wyeth, G Davie, A Samaranayaka, G Hall, I Cameron, B Gabbe, D Powell, T Sullivan, S Wilson, D Barson), *Injury Prevention*, 23, 429-34

2016

- (57) “Mobile nudging: Youth engagement with banking apps” (with R Wijland, F Gardezi), *Journal of Financial Services Marketing*, 21, 51-63
- (56) “Combining multi-criteria decision analysis and mini-health technology assessment: A funding decision-support tool for medical devices in a university hospital setting” (with N Martelli, H van den Brink, A Boudard, A-L Cordonnier, C Devaux, J Pineau, P Prognon, I Borget), *Journal of Biomedical Informatics*, 59, 201-8

2015

- (55) “Innovation in start-ups: Ideas filling the void or ideas devoid of resources and capabilities?” (with A Paradkar, J Knight), *Technovation*, 41-42, 1-10

2014

- (54) “Developing countries in need: Which characteristics appeal most to people when donating money?” (with N Kergozou, S Knowles, P Thorsnes), *Journal of Development Studies*, 50, 1494-1509
- (53) “A comparison of injured patient and general population valuations of EQ-5D health states for New Zealand” (with R Wilson, S Derrett, J Langley), *Health and Quality of Life Outcomes* 12, 21

2013

- (52) “Factors associated with non-participation in one or two follow-up phases in a cohort study of injured adults” (with J Langley, R Lilley, S Wilson, S Derrett, A Samaranyaka, G Davie, S Ameratunga, E Wyeth, B Hokowhitu), *Injury Prevention* 19, 428-33
- (51) “Does cancer deserve special treatment when health technologies are prioritized?” (Commentary), *Israel Journal of Health Policy Research* 2, 45
- (50) “Manual therapy, exercise therapy, or both, in addition to usual care, for osteoarthritis of the hip or knee: 2. Economic evaluation alongside a randomized controlled trial” (with D Pinto, C Robertson, J Abbott, A Campbell, MOA Trial Team), *Osteoarthritis and Cartilage* 21, 1504-13
- (49) “OARSI recommended performance-based tests to assess physical function in people diagnosed with hip or knee osteoarthritis” (with F Dobson, R Hinman, E Roos, J Abbott, P Stratford, A Davis, R Buchbinder, L Snyder-Mackler, Y Henrotin, J Thumboo, K Bennell), *Osteoarthritis and Cartilage* 21, 1042-52

+ “Authors’ reply” to J Dekker “Letter to the Editor: OARSI recommended performance-based tests to assess physical function in people diagnosed with hip or knee osteoarthritis”, *Osteoarthritis and Cartilage* 21
- (48) “Costs of injury in New Zealand: Accident Compensation Corporation spending, personal spending and quality-adjusted life years lost” (with R Wilson, S Derrett, J Langley), *Injury Prevention* 19, 124-29

2012

- (47) “Which health technologies should be funded? A prioritization framework based explicitly on value for money” (with O Golan), *Israel Journal of Health Policy Research* 1, 44
- (46) “Retrospective evaluation versus population norms for the measurement of baseline health status” (with R Wilson, S Derrett, J Langley), *Health and Quality of Life*

Outcomes 10, 1-6

- (45) “Health sector decision-making: More than just cost-per-QALY calculations” (Editorial), *Journal of Health Services Research & Policy* 17, 129-30
- (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* 17, 200-209
- (43) “Cost-effectiveness of nonpharmacologic, nonsurgical interventions for hip and/or knee osteoarthritis: Systematic review” (with D Pinto, C Robertson, J Abbott), *Value in Health* 15, 1-12
- (42) “A preference-based approach to deriving breeding objectives: applied to sheep breeding” (with T Byrne, P Amer, P Fennessy, B Wickham), *Animal* 6, 778-88

2011

- (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* 17, 415-18
- (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) “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
- (35) “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
- (34) “Commentary on ‘What is a priority?’ by Paul Spicker” (Commentary), *Journal of Health Services Research & Policy* 14, 117-8

2008

- (33) “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

+ *Wikipedia* article introducing the method explained in the article:
http://en.wikipedia.org/wiki/Potentially_all_pairwise_rankings_of_all_possible_alternatives

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 Geary, 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 pages
- + 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

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

“Which ones? Selecting and applying sustainability indicators and measures using choice modelling and 1000minds software” (with H Moller, C MacLeod, J Whitehead, M Sautier, F Ombler), The NZ Sustainability Dashboard Internal Research Report IN15/03 (2015)

“Measuring health-related quality of life.” An ‘expert’ opinion in response to questions from New Zealand’s Pharmaceutical Management Agency (PHARMAC), 14 pages (2015)

“A survey of Sustainability Dashboards in use internationally” (with F Ombler and E Post). A report for the New Zealand Sustainability Dashboard project, *ARGOS Research Report* No. 13/03, 43 pages (2013)
www.nzdashboard.org.nz/uploads/2/3/7/3/23730248/13_03_a_survey_of_sustainability_dashboards_in_use_internationally.pdf

“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 pages (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 pages (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 pages (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)

Major Submissions

Submission to the inquiry by the Productivity Commission into “new models of tertiary education” (2016)

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, 288 pages. For *New Zealand Journal of Industrial Relations* (1997)

Conference Proceedings (refereed)

“A tool for measuring SMEs’ reputation, engagement and goodwill including internet and social media presence“ (with R Whiting, A Sen), *Proceedings of the 8th Asia-Pacific Interdisciplinary Research in Accounting (APIRA) Conference*, Melbourne, Australia (2016)

“MOOCs: revolution and/or hyperbole? An Otago perspective” (with L Houghton, M McGuire, M Winikof), Abstract (by SK Loke), *Proceedings of Spotlight on Teaching & Learning Colloquium*, University of Otago (2013)

“Estimating prior health status using EQ-5D: Self-recall or population norms” (with R Wilson, S Derrett, J Langley), Poster, pp. 178-79. In J Busschbach (ed), *Proceedings of the 29th Plenary Meeting of the EuroQol Group*, Rotterdam, The Netherlands (2013)

“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 ‘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 (2002)

“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 (2001)

Published Abstracts

“Lack of agreement in experts’ classification of patients with early-stage knee osteoarthritis” (with A Mahmoudian, S Lohmander, M Englund, F Luyten & International Early-stage Knee OA Classification Criteria Expert Panel), 2021 OARSI Virtual World Congress on Osteoarthritis: OARSI Connect ’21. Abstract published in *Osteoarthritis and Cartilage* 29, S299-S300 (2021)

“Discrete choice experiments identifying attributes influencing treatment preference in mild asthma” (with C Baggott, J Hardy, H Reddel, et al), 2019 European Respiratory Society (ERS) International Congress, Madrid, Spain. Abstract published in *European Respiratory Journal* 54, PA4189 (2019)

“What attributes of interventions for osteoarthritis drive preferences? A discrete choice experiment involving cross-sectoral and multi-disciplinary stakeholder groups” (with J Chua, A Briggs J Abbott), 2019 OARSI World Congress on Osteoarthritis: Promoting Clinical and Basic Research in Osteoarthritis, Toronto, Canada. Abstract published in *Osteoarthritis and Cartilage* 27, S302 (2019)

“Integrating values and preferences with the best available evidence: a multi-criteria decision analysis approach” (with J Chua, A Briggs, R Wilson, D Gwynne-Jones, J Abbott), 2019 OARSI World Congress on Osteoarthritis: Promoting Clinical and Basic Research in Osteoarthritis, Toronto, Canada. Abstract published in *Osteoarthritis and Cartilage* 27, S308-S309 (2019)

“What physical activity program features are important to patients with knee osteoarthritis? A discrete choice experiment” (with D Pinto, R Chang, U Bockenholt, D Finn, J Holl, A Heinemann), World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases 2017, Florence, Italy. Poster abstract published in *Osteoporosis International* 28(Suppl1), S516-17 (2017)

“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 Abbott), *Proceedings of International Society for Pharmacoeconomics & Outcomes Research (ISPOR) 15th Annual International Meeting*. Abstract published in *Value in Health* 13, A129 (2010)

“Disability outcomes following injury: Results from phase one of the prospective

outcomes of injury study (POIS)” (with S Derrett, J Langley, B Hokowhitu, S Ameratunga, G Davie, E Wyeth, R Lilley), Safety 2010, 10th World Conference on Injury Prevention and Safety Promotion. Abstract published in *Injury Prevention* 16 (Suppl 1), A51 (2010)

“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)

“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. Abstract published in *e-Australian Journal of Physiotherapy* 55(Suppl 4), 34 (2009)

“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 Ombler), 7th International Diabetes Federation Western Pacific Region Congress. Abstract published in *Diabetes Research and Clinical Practice* 79, S53 (2008)

Working Papers (not published elsewhere)

“The *New Zealand Sustainability Dashboard*: Unified monitoring and learning for sustainable agriculture in New Zealand” (with J Manhire, H Moller, A Barber, C Saunders, C MacLeod, C Rosin, D Lucock, E Post, F Ombler, H Campbell, J Benge, J Reid, L Hunt L, P Carey, S Rotarangi, S Ford, T Barr), *ARGOS Working Paper* No. 8, Agriculture Research Group on Sustainability (2012)

“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), *Economics Discussion Papers*, No. 9418, 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)

“An online tool for valuing people’s health, including valuing ‘dead’” (with T Sullivan, F Ombler), Issue 43 (2019)

“The world’s deadliest diseases: The WHO priority list of antibiotic-resistant bacteria” Issue 40 (2018)

“Economic psychology applied to business: Designing a mobile-banking app” (with R Wijland, F Gardezi), Issue 37 (2016)

“Which drugs, medical procedures and equipment should be funded?” (with T Sullivan), Issue 34 (2015)

“Charitable giving: How recipient-country characteristics influence donors’ behaviour” (with N Kergozou, S Knowles), Issue 31 (2013)

“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 (1998)

Supervision of Research Students (many shared with colleagues)

PhD Theses

In progress

K Ibrahim, “Brand machines and the prediction of kindness between familiar strangers”, 2019-

W Leung, “Cost-effectiveness of interventions for severe respiratory diseases”, 2017-

C Schousboe, “Enhancing PHARMAC’s method for estimating quality of life in technology investment decisions”, 2016-

K Taylor, “Evaluating the primary care and decision-making process for acute shoulder injuries in New Zealand”, 2015-

Submitted

J Chan, “Patient preference for bDMARD dose tapering”, 2018-

Completed

J Chua, “Bridging the gap between evidence and what people value from osteoarthritis care in New Zealand using multi-criteria decision analysis (MCDA)”, 2016-21 (awarded 2021)

F Ombler, “Improving PAPRIKA”, 2015-20 (awarded 2021)

S Babashahi, “A comparative study of chronic diseases through new and traditional scoring methods and the resulting health equality as a possible outcome in society”, 2016-20 (awarded 2020)

E Penno, “An evaluation of New Zealand’s Population-Based Funding Formula”, 2013-16 (awarded 2016)

T Sullivan, “Health Technology Prioritisation: Setting priorities in a publicly-funded healthcare system”, supervision 2009-12 (awarded 2013)

D Pinto, “Cost-consequences analysis of physiotherapy in the management of hip or knee osteoarthritis”, supervision 2008-12 (awarded 2012)

T Byrne, “Development and comparison of breeding objective methodologies for the genetic improvement of sheep”, supervision 2009-12 (awarded 2012)

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

A Lépine, “Why and how should we invest in the health sector in developing countries? Evidence from rural Senegal”, supervision 2009-10 (awarded 2013)

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

C Weatherston, “Deep determinants of economic growth: Geography, institutions, etc.”, supervision 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”, supervision 2003-4 (awarded 2008)

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

Withdrawn

D Samaranayake, “Application of genomics to the diagnosis, management and prevention of disease: Two case studies from colorectal cancer and childhood type 1 diabetes”, 2011-13

M Lee, “Economic evaluation of pharmacogenomic-based treatments”, 2007-09, 2012

N Laird, “Valuing design: Assessing competence within design education”, 2005-6

C Smithies, “The generation of cardinal value data from ordinal rankings”, 2004-8

Doctorate of Business Administration (DBA) Theses

K Venkateswaran, “Universal health for Tanzanian Citizens”, 2021-

Master of Public Health Theses

M Roy, “Prioritising Covid-19 patients for intensive care”, 2019-20

E Penno, “New Zealand’s Population-Based Funding Formula: an analysis of the relationship between health funding and need”, 2011-12 (upgraded to PhD thesis)

Master of Health Science Theses

J Ward, “A new method for creating EQ-5D-5L preference weight value sets at population and individual levels based on the PAPRIKA method and 1000minds software: a pilot study”, 2018-20

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 Economics Dissertations

C Rollinson, “An evaluation tool for assessing the ‘fitness’ of not-for-profit organisations and charities”, 2021-22

J Weston, “The future is here, but are we ready for it: Consumer preferences for meat alternatives in New Zealand”, 2020-21

S Pask, “Was the lockdown worth it? An economic evaluation of New Zealand’s Covid-19 response”, 2020-21

R O’Hara, “Evaluating the New Zealand EQ-5D-5L”, 2019-20

V Rijnberg “Is a cervical cancer screening programme cost-effective in Samoa?”, 2017-18

C Staite, “Smoking out New Zealand’s preferred cannabis policy”, 2017-18

Master of Business Theses

F Gardezi, “Planning, behavioural nudging and the *Be Good with Money* campaign”, 2013

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

J Hall, “Framework for strategic planning for Otago Polytechnic”, 2017

P Barron, “Shared Electronic Health Records (SEHR): A feasibility study and a conjoint analysis”, 2011-13

H Almakky, “Productisation of 1000minds for deriving breeding objectives for AbacusBio Ltd”, 2011-12

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

D Ballantyne, “Encouraging emerging generations to prosper”, 2018

T Robinson, “*Gradity*TM – website that helps students find graduate jobs and internships”, 2016-17

D Burton, “*Maths Ninjas*TM”, 2015-16

A Guenther, “*Pledge Me – A platform to crowd-source funding for creative projects in New Zealand*”, 2011-12

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

Post Graduate Diploma in Executive Management Project

R Collins, “Evaluation of multi-criteria decision-making software and its value to NZ Police”, 2013

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, “Childhood and teenage obesity, and labour market outcomes”, 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

Health Science Elective Project

C Cai, “Cost effectiveness of a tooth cleaning machine – Air Polishing (AirFlow)”, 2017

L Holding, “Economic evaluation of catheter-based renal denervation in patients with drug-resistant hypertension”, Advanced Topic in Pharmacology & Toxicology, 2012

A Gilliland, Health care markets, 1994

School of Business Internship and Project Report

D Williams, “Effective matrix organisations”, 2017

E Pirrit, “Prioritising and managing the New Zealand Treasury’s research projects”, 2016

Examination of Research Students

‘External’ Examiner

Doctor of Business Administration, University of Wollongong, 2020

Master of Commerce in Economics Thesis, University of Auckland, 2015

PhD Thesis, University of Auckland, 2000, 2012, 2013, 2014

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

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

MPhil Research Essay, University of Auckland, 1994

‘Internal’ Examiner, University of Otago

Convener of PhD examination, 2018, 2022

PhD Thesis, 2001, 2013, 2018

School of Business Internship Project Reports, 2017, 2018

Master of Commerce Thesis, 2000, 2016, 2017

Master of Economics Dissertation, 2017

Master of Public Health Thesis, 2004, 2010, 2012, 2017

Post Graduate Diploma in Executive Management Project, 2015

MBA Consultancy Project, 2003, 2005, 2010 (twice), 2011 (thrice), 2012 (four times), 2013 (thrice), 2014 (twice), 2015, 2017

Master of Entrepreneurship Business Incubation Project, 2011 (twice), 2012, 2014, 2015

MBus Thesis proposal, 2014

Master of Medical Science, 2012

Health Science Elective Project, 1994, 2012

Master of Health Sciences Thesis, 2006

Master of Commerce Thesis, 1998

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

Microeconomics

- 1st-year Introductory (Principles)
- 2nd-year Intermediate
- 2nd-year Trade Theory ('World Economy')
- 2nd-year Intermediate Microeconomic Theory
- 3rd-year 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

Entrepreneurship & Innovation

- 'guest' lectures to:
- Masters of Design Enterprise (Otago Polytechnic)
- Introduction to Entrepreneurship
- Science, Technology & Entrepreneurship

Master of Regional & Resource Planning (MRRP)

- Cost-Benefit Analysis & Project Appraisal

Conjoint Analysis

- Strategic Design, Department of Design

Consulting / Grant Participation

International Research Projects

Consultant decision analyst to “Pathogens Priority List (PPL) for antibiotic-resistant bacteria and R&D of new antibiotics” (E Tacconelli, E Carrara, A Savoldi, N Magrini, et al), World Health Organization and Tübingen University, 2016-17

Consultant economist and decision analyst to “Cultivating the ethics of ecological research: Towards a participatory procedure for enhancing responsible field study practices” (G Crozier, A Schulte-Hostedde), Centre for Evolutionary Ecology & Ethical Conservation, Laurentian University, 2014-16

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, 2011-13

Australian Public Sector

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

New Zealand Public Sector

Consultant decision analyst concerning funding decision-making for Creative New Zealand, 2018-

Commissioned ‘expert’ opinion concerning “Measuring health-related quality of life”, for New Zealand’s Pharmaceutical Management Agency (PHARMAC), 2015

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 and decision analyst to “A new method for valuing EQ-5D health states based on the preferences of the New Zealand general population” (T Sullican, S Derrett, et al), funded by Department of Preventative & Social Medicine, University of Otago, 2017-present

Consultant economist to “Subsequent Injury Study (SInS)” (S Derrett, H Harcombe, et al), funded by Health Research Council of New Zealand, 2015-18

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, 2008-13

Consultant economist to “Management of Osteoarthritis (MOA) Trial” (J Abbott, C Robertson, et al), funded by Health Research Council and Lottery Health Grants Board, 2008-12

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

Reviewing

Journal Articles

Pediatric Obesity, 2021, 2022

MDM Policy & Practice, 2021

PLOS One, 2018, 2019, 2020

Value in Health, 2014, 2016, 2019 (twice), 2020

Frontiers in Medicine, 2020

Health Economics, 1999, 2001, 2007, 2019

Applied Health Economics and Health Policy, 2002, 2014, 2018, 2019

Health Care Analysis, 2019

Oxford Research Encyclopedia of Economics and Finance, 2018

The Patient: Patient-Centered Outcomes Research, 2018

Operations Research for Health Care, 2017

International Journal of Multicriteria Decision Making, 2017

BMC Health Services Research, 2017
Israel Journal of Health Policy Research, 2013, 2014, 2016, 2017
Injury Prevention, 2012, 2013, 2017
Scientific Reports, 2017
Annals of Surgery, 2017
Bulletin of the World Health Organization, 2016
International Journal of Technology Assessment in Health Care, 2016
Journal of Health Services Research & Policy, 2000, 2001, 2007, 2008, 2011, 2013, 2016
Community Dentistry and Oral Epidemiology, 2016
The Economic Record, 2015
British Medical Journal, 2009, 2012 (twice), 2014
Cost Effectiveness & Resource Allocation, 2008, 2013
Journal of Health Economics, 2000, 2001, 2007, 2012
The European Journal of Health Economics, 2012
Defence & Peace Economics, 2011
Asia-Pacific Journal of Public Health, 2010 (twice)
PharmacoEconomics, 1992, 1993, 1994, 1995, 2009, 2010
New Zealand Economic Papers, 1995, 1996, 1997, 2001, 2009
The Economic Record, 2008
Journal of Bioethical Inquiry, 2005
Social Science and Medicine, 2003
Journal of Environmental Management, 2003
Journal of Economics Education, 2000, 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

Reports

ISPOR MCDA Task Force, *MCDA for Health Care Decision Making – An Introduction: Report 1 of the ISPOR MCDA Emerging Good Practices Task Force*, 2015
 ISPOR MCDA Task Force, *MCDA for Health Care Decisions – Emerging Good Practices: Report 2 of the ISPOR MCDA Emerging Good Practices Task Force*, 2015

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

The British Academy, 2021
 United States-Israel Binational Science Foundation, 2018
 HRC grants, Health Research Council of New Zealand, 2002, 2009, 2013
 Medical Research Council (United Kingdom), 2012
 Marsden Fund grants, Royal Society of New Zealand, 2011

Australian Development Research Awards (ADRA) grants, AusAID, Australian Government, 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

Course Proposals

Honours in Health Economics, University of Canterbury, 2004

Conference Submissions

2nd, 5th, 6th, 7th & 8th International Conference on Education, Training & Informatics, 1 abstract & 7 papers, 2011, 2014-17
6th, 7th, 8th & 9th International Conference on Education & Information Systems, Technologies & Applications, 3 abstracts & 9 papers, 2008-11

Editorship of *EcoNZ@Otago*

A magazine about contemporary economics issues produced by Department of Economics, University of Otago, 2003-6, 2016-19

Seminars

Research Prioritisation workshop, Australian Clinical Trials Alliance (ACTA), 2021
Africa Oxford (AfOx) Health Entrepreneurship and Innovation Programme, Oxford University, 2021
Digital Health, Information Science, University of Otago, 2021
1000minds webinar 3, “Group decision-making: How to reduce ‘noise’ and make better decisions”, 2021
1000minds webinar 2, “Analyzing consumer and stakeholder preferences using Conjoint Analysis”, 2021
1000minds webinar 1, “Tough decisions in the health sector: How to fairly and efficiently allocate scarce resources”, 2021
Department of Medicine, University of Otago, 2021
International Society for Pharmacoeconomics and Outcomes Research (ISPOR) NZ, 2020
Bioethics Centre, University of Otago, 2005, 2020
Department of Accountancy & Finance, University of Otago, 2016, 2019
School of Economics, Finance & Marketing, RMIT University, 2018
World Health Organization, 2017
Department of Marketing, University of Otago, 2004, 2017
Department of Mathematics & Statistics, University of Otago, 2012
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
Department of Human Nutrition, University of Otago, 2005
Department of Mathematics & Statistics, University of Otago, 2004
Department of Surgery, 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 Talks

University of the 3rd Age (U3A), 2010, 2013, 2015, 2021
University of Otago Wellington Summer School, “Unseen algorithms in healthcare”,
2021
Otago Boys High School Scholarship programme, 2020
Māori Business Boot Camp, University of Otago, 2020
SHIFT induction session, SIGNAL ICT Graduate School, 2020
Induction Course for Academic Heads, University of Otago, 2020
Hands-on at Otago, “Wonders of human decision behaviour”, University of Otago,
2020
NZ Data Science + Analytics Forum, University of Otago, 2019
Finance Advisory Meeting, University of Otago, 2019
Dunedin Branch Committee for Institute of IT Professionals, lunchtime talk,
“Decisions: the good, the bad, the ugly and the divine”, 2019
Techweek TV: Innovation that's good for the world – Dunedin showcase, 2019
NZ Tertiary Education Risk Managers Forum, 2019
Post-Graduate Students Writing Workshop, 2019
Otago Schools Liaison Update Meeting, 2019
Commerce Students Association (COMSA), University of Otago, 2018, 2019
Celebrating Higher Education Symposium, Higher Education Development Centre,
Higher Education Policies and Practices forum, 2018
Inaugural Professorial Lecture (IPL), University of Otago, “‘*Choices are the hinges of
destiny*’ (Pythagoras, c. 500 BC) ... Can we help people make better ones?”,
2018

Senior Entrepreneurs New Zealand (SENZ), “Entrepreneurial Thinking Across the Ages” forum, 2018

School of Agricultural & Wine Sciences, Charles Sturt University, 2018

Commerce Postgrads Gathering, 2017

Departments of Mathematics & Statistics, Surveying, Pharmacology & Toxicology, “Industry engagement: increasing research impact”, 2017

Otago Boys High School Strategic Planning Workshop, perspectives on education and employment, 2017

Urological Society of Australia and New Zealand (USANZ) Meeting, talk on “Decision support tools for prostate cancer”, 2016

Friday with the Faculty, University College, 2016

Ignite Consultants, Training Workshop, 2016

Career Pathways for PhDs Workshop, University of Otago, 2016

Comp Girls Otago Talk, University of Otago, 2016

Talk about trade-offs, Ministry for the Environment, 2016

Post-graduate Commercialisation Workshop, University of Otago, 2015

SEED (Student Enterprise Experience in Dunedin) programme, 2015

St Margaret’s College Academic Breakfast, 2012, 2013, 2015

Talking Points, Discussion forum with eminent guests, Columba College, 2014

Gifted and Talented programme, Bayfield High School, 2014

Dunedin Budget Breakfast, Child Poverty Action Group, 2014

TalentNZ Tour: Dunedin, DCC Meeting & Public Event, 2014

Senior School Prize-Giving, Bayfield High School, invited guest and speaker, 2013

Spotlight on Teaching & Learning Colloquium, University of Otago, 2013

HTA Workshop, Office of Health Economics, London, 2012

PHARMAC National Forum, 2012

Public ‘committee of enquiry’ on ‘Asset Sales / Mixed Ownership Model’, Centre for Theology and Public Issues, 2012

Symposium on Computational Modelling, University of Otago, 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

The Spinoff, 2021
Stuff, 2020 (twice), 2021
New Zealand Herald, 2015, 2020, 2021
Science Media Centre, invited commentary on the Budget, 2019, 2020
Otago Daily Times, 2004, 2005 (twice), 2009 (thrice), 2011, 2012, 2013 (twice), 2015, 2017, 2018, 2020 (four times), 2021
Acuity, 2020
The Spinoff, invited commentary on the Budget, 2018, 2020 (twice)
More FM Wairarapa, 2020
Huffington Post, 2019
NewsTalk ZB, 2015, 2016
New Zealand Doctor, 2014, 2016 (twice)
Channel 9, 2000 (twice), 2001, 2004 (twice), 2005 (4 times), 2006 (twice), 2015
The Timaru Herald, 2014
Sunday Morning, National Radio, 2013
Newstalk ZB, 2011, 2013
39 Dunedin News, 2013
The Star, 2012
TVNZ Breakfast, 2011
BellaOnLine, 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, 2013
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

Chair and Discussant, GEN Annual General Conference, “The Next Five Years: Policy Issues and Practices”, 2015
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, 2001-12

University of Otago Service

University-wide

Hayward College Fellow, 2018-present
Senate, member, 2019-22
Digital Exams Project – *ExamSoft* – Working Group, member, 2020
Staffing Advisory Committee, member, 2012-18
Hayward College Advisory Board, member, 2009-16
William Evans Selection Committee, member, 2013-15
Otago Foreign Policy School Committee, member, 2000-12
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
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

MART306 Innovation & New Product Development, Dragons’ Den judge, 2021
Department of Accountancy & Finance Appointments Committee, member, 2015, 2019
‘Incubate entrepreneurial activity’ Strategic Imperative Leader, 2018-20
Department of Management Appointments Committee, member, 2018
Three Minute Thesis Competition, judge, 2017
OBS Orientation Event Organising Committee, 2015-16
‘Way Forward’ Academic Advisory Group – Teaching, 2014
Divisional PBRF review panel, member, 2012
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, 2003-10
Vice-Chancellor Selection Focus Group, member, 2003

Department of Economics

Deputy Head of Department, 2021-present
Academic Board, member, 1995, 1999-2001, 2004, 2019-present
Head of Department, 2019-20
Appointments Committee, member, 2010, 2020
'Schools' liaison co-ordinator, 1997-2007, 2014-19
Teaching Quality Champion, 2013-15
Honours and MBus dissertation convenor, 2012-15
2nd-year Microeconomics, course co-ordinator, 2002-6, 2008-16
Master's Programme Review Committee, 2014
Teaching Peer-Reviewer, 2013
Department of Economics Research Committee, member, 2012
1st-year Principles of Economics 1, course co-ordinator, 2005-8
1st-year Microeconomics, course co-ordinator, 1998-2002
Māori liaison co-ordinator, 2004
Honours students liaison, 1998-2000, 2003
Enrolments adviser, 1997-2007
300-level papers co-ordinator, 1995