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School of Social Sciences, Humanities and Arts
University of California, Merced
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EDUCATION

1990	Ph.D.	University of Wisconsin-Madison.	Economics
1986	M.S.	University of Wisconsin-Madison.	Economics
1982	B.S.	University of California-Santa Barbara.	Economics & Psychology

PROFESSIONAL EXPERIENCE

Professor, University of California, Merced, School of Social Sciences, Humanities and Arts, 2011 to Present.

Director, Health Sciences Research Institute, University of California, Merced, 2012 to Present.

Member, Institute of Pharmacogenomics and Individualized Therapies, University of North Carolina, Chapel Hill, 2010-present.

Research Associate Professor, University of North Carolina, Health Policy and Management, 2010-2010

Member, Lineberger Comprehensive Cancer Center, University of North Carolina, 2010

Member, Cecil G. Sheps Center for Health Services Research, University of North Carolina, 2010

Associate Professor, University of Auckland, School of Population Health, 2009-2010

Director, Centre for Health Services Research and Policy, University of Auckland, School of Population Health, 2004-2009

Senior Lecturer, University of Auckland, School of Population Health, 1999-2010

Senior Health Economist, New Zealand Ministry of Health, Hamilton, NZ, 1997-1998

Associate Professor, University of Massachusetts-Boston, Department of Economics, 1996-1998

Assistant Professor, University of Massachusetts-Boston, Department of Economics, 1990-1996

UNIVERSITY AND PROFESSIONAL SERVICE

University of California, Merced

Chair, Institutional Biosafety Committee Meeting, 2012 to Present.

Chair, Public Health Advisory Committee, January 2011 - Present.

Member, Central California Public Health Consortium, January 2012 - Present

Member, UCOP Health Sciences Committee April 2012 - Present

Member, Health Psychology Search Committee, September 2011 - April 2012

Member, Committee on Academic Planning and Resource Allocation (CAPRA), July 1, 2011 - June 30, 2012

Member, Undergraduate Council (UGC), Vice-Chair July 1, 2011 - June 30, 2012

Chair, Public Health Search Committee, November 2011 - June 2012

Chair, Visiting Assistant Professor in Public Health Search Committee, April 2012 - Present

University of Auckland

Head of Department, Health Systems, University of Auckland, School of Population Health, 2004-2008

Executive Committee, Health Services Research Association of Australia and New Zealand, 2005-2007

Director, Bachelor of Health Sciences Degree, School of Population Health, University of Auckland, 2000-2005

Journal Editor / Membership on Journal Editorial Boards

Associate Editor, BMC Health Services Research

Professional memberships and service (current)

American Society of Health Economists.

Public Health Systems and Services Research Association.

Academy Health

International Health Economics Association

Study section grant reviewer:

Health Research Council of New Zealand (2004, 2005, 2009)

National Science Foundation (US) (2001)

Irish National Health Grants Programme (2008)

Australian National Health and Medical Research Council (2009)

Agency for Healthcare Research and Quality (2010, 2011)

BIBLIOGRAPHY

Books and Book Chapters

- Brown P. Effectiveness, cost effectiveness, and financial viability of personalized medicine: A role for comparative effectiveness research? In *Advances in Predictive, Preventive and Personalised Medicine*, edited by O Golubnitschaja. EPMA / Springer, 2012 (forthcoming).
- Brown P, Wright-St Clair V and Law M. Outcome measures for occupational based service: Costs and Consequences, in *Australian Handbook of Occupational Therapy*. In *Occupation & Practice in Context*, edited by Whiteford G and Wright-St Clair V. Elsevier Press, 2004, 273-298.
- Farquhar C, Brown P. The place of economic analysis in systematic reviews: a clinician's viewpoint. In *Evidence-based Health Economics*, edited by Donaldson, C, Mugford, M and Vale, L. BMJ Books, 2002, 36-55.
- Farquhar C, Brown P. An economic analysis of hormone replacement therapy. In *Reproductive medicine in the twenty-first century*, edited by Healy DL, Kovacs GT, McLachan R, Rodriguez-Armas. Parthenon Publishing, 2001, 397-405.

Refereed Articles

- Panattoni L., Brown P, Te Ao B, Webster M, Gladding P. Personalised thienopyridine therapy: the cost effectiveness of genetic testing for CYP2C19 variants to guide treatment in patients with acute coronary syndromes: A New Zealand Evaluation. *Pharmacoeconomics* (in press).
- Ferguson J, Goyal R, Raynor M, Nielsen M, Pruthi R, Brown P, Wallen E. Cost analysis of robot-assisted laparoscopic verses hand-assisted laparoscopic partial nephrectomy. *Journal of Endourology* (in press).
- Panattoni L, Brown P, Windsor J. Do market fees differ from relative value scale fees? Examining surgeon payments in New Zealand. *Journal of Health Services Research and Policy*, 2011, 16(4) 203-210.
- Foley L, Maddison R, Jones Z, Brown P, Davys A. Comparison of two modes of delivery of an exercise prescription scheme. *NZMJ* 8 July 2011, Vol 124 No 1338; ISSN 1175 8716
- Te Ao B, Brown P, Feigin V, Anderson C. Are stroke units cost effective? Evidence from a New Zealand stroke incidence and population-based study. *International Journal of Stroke*, 2011, DOI: 10.1111/j.1747-4949.2011.00632.x
- Cameron L, Marteau T, Brown P, Klein W, Sherman K. Communication Strategies for Enhancing Understanding of the Behavioral Implications of Genetic and Biomarker Tests for Disease Risk: The Role of Coherence. *Journal of Behavioral Medicine*, 2011, 35(3); 286-298.
- Reeve J, James F, McNeill R, Brown P, Cameron L, Mills S. Functional and psychological outcomes following burn injury: Reduced income and hidden emotion are predictors of greater distress. *Journal of Burn Care and Research*, 2011, doi: 10.1097/BCR.0b013e3182223c46.
- Brown P, McNeill R, Leung W, Radwan E, Willingale J. Current and future economic burden of osteoporosis in New Zealand. *Applied Health Economics and Health Policy*, 2011, 9(2):111-123.
- Brown P. Personalized medicine and comparative effectiveness research in an era of fixed budgets. *The European Personalized Medicine Association Journal*, 2010, 1 (4): 633-640.

- Wilkinson-Meyers L, Brown P, McNeill R, Patston P, Dylan S, Baker R. Estimating the additional cost of disability: Beyond budget standards. *Social Science and Medicine*, 2010, 71(10): 1882-1889.
- Gordon L, Hirst N, Young R, Brown P. Within a smoking-cessation program, what impact does genetic information on lung cancer need to have to demonstrate cost-effectiveness? *Cost Effectiveness and Resource Allocation*, 2010, 8:18 doi:10.1186/1478-7547-8-18.
- Maddison R, Roberts V, Bullen C, McRobbie H, Jiang Y, Prapavessis H, Glover M, Taylor S, Brown P. Design and conduct of a pragmatic randomized controlled trial to enhance smoking cessation outcomes with exercise: The Fit2Quit study. *Mental Health and Physical Activity*, 2010, 3 (2): 92-101.
- Brown P, Diaz J. Where to next for Colombia's Health System? The case for an independent priority setting agency. *Review of Colombian Anaesthesiology*, 2010, 38(4): 431-437.
- Herd D, Newbury C, Brown P. Cost analysis of amethocaine (Ametop™) compared to EMLA™ for intravenous cannulation in a children's emergency department. *Emergency Medical Journal*. 2010; 27:456-460.
- Bennett J.A., Cameron L, Brown P, Whitehead L, Porter D., Ottaway-Parkes T. Robinson, E. Time since diagnosis as a predictor of symptoms, depression, cognition, social concerns, perceived benefits, and overall health in cancer survivors. *Oncology Nursing Forum*, 2010, Vol 37 (3), 331-338.
- Walton L, Reeve J, Brown P, Farquhar C. Gynaecologic cancer patients' needs and experiences of supportive health services in New Zealand. *Psycho-Oncology*, 2010 Volume 19, Issue 2, 201-208.
- Brown P, Wilkinson-Meyers L, Parsons M, Weidenbohm K, McNeill R, Brandt T. Cost of prescribed and delivered health services resulting from a comprehensive geriatric assessment tool in New Zealand. *Health & Social Care in the Community*. 2009. 17(5): 514-521.
- Bennett J, Brown P, Cameron L, Whitehead L, Porter D, McPherson K. Changes in employment and household income during the 24 months following a cancer diagnosis. *Supportive Care in Cancer*, 2009, Vol 17 (8), August, 1057-1064.
- Cameron L, Sherman K, Marteau T, Brown P. Impact of genetic risk information and type of disease on perceived risk, anticipated affect, and expected consequences of genetic tests. *Health Psychology*, 2009, Vol 28(3), May, 307-316.
- Feigin V, Barker-Collo S, McNaughton H, Brown P, Kerse N. Long-term neuropsychological and functional outcomes in stroke survivors: current evidence and perspectives for new research. *International Journal of Stroke*; 2009, 3:33-40
- Peri K, Kerse N, Kiata L, Wilkinson T, Robinson E, Parsons J, Willingale J, Parsons M, Brown P, Pearson J, von Randow M, Arroll B. Promoting Independence in Residential Care: Successful recruitment for a randomised controlled trial. *Journal of the American Medical Directors Association*. 2008, May;9(4):251-6.
- Brown P, Ashton T. What is the state of health services research in New Zealand? *New Zealand Medical Journal*. 2008, Vol 121 (1272).
- Kerse N, Peri K, Robinson E, Wilkinson T, von Randow M, Kiata L, Parsons J, Latham N, Parsons M, Willingale J, Brown P, Arroll B. Does a functional activity programme improve function, quality of life and falls for residents in long term care? A cluster randomised controlled trial. *BMJ* 2008; 337-340.
- Dyall L, Feign V, Brown P. Stroke: A picture of health disparities in New Zealand. *Social Policy Journal of New Zealand*. 2008, Issue 33: 178-91.

- Brown P., Cameron L., Reeve J. Assessing the clinical utility of genetic tests: Implications for health technology assessment, *Journal of Healthcare Technology and Management*, 2007, 8(5): 522-535.
- Vandegrift D, Yavas A, Brown P. Incentive effects and overcrowding in tournaments: An experimental analysis, *Journal of Experimental Economics*. 2007, Vol 10(4); 345-368
- Brown P, Farquhar C, Lethaby A, Sadler L, Neil Johnson. Cost-effectiveness analysis of levonorgestrel intrauterine system and thermal balloon ablation for heavy menstrual bleeding. *British Journal of Obstetrics and Gynaecology*, 2006, 113(7):797-803
- Busfield, R, Farquhar C, Sowter M, Lethaby A, Sprecher M, Yu Y, Sadler L, Brown P, Johnson N. A randomised trial comparing the levonorgestrel intrauterine system and thermal balloon ablation for heavy menstrual bleeding. *British Journal of Obstetrics and Gynaecology*, 2006, 3(3):257-63.
- Dyall L, Carter K, Bonita R, Brown P, Anderson C. Incidence of stroke in women in Auckland, New Zealand. Ethnic trends over two decades', *New Zealand Medical Journal*, 119, 2006, (1245), p1981-2003.
- Brown P, Guy M, Broad J. Individual socio-economic status, community socio-economic status and stroke in New Zealand: a case control study. *Social Science and Medicine*, 2005, 61(6):1174-88.
- Vandegrift D, Brown P. Gender differences in the use of high-variance strategies in tournament competition, *Journal of Socio-Economics*. 2005, 34(6): 834-849.
- Brown P, Law M, Windsor J. Dollars and Sense: Is there a better way to determine private surgical fees in New Zealand? *New Zealand Medical Journal*, 2005, Vol. 118(1226).
- Law M, Brown P, Windsor J. Variation in specialist fees: Evidence from New Zealand insurance claims, *Journal of Health Services Research & Policy*, 2004; 9 Suppl 2:48-55.
- Farquhar C, Williamson K, Brown P, Garland J. Laparoscopic ovarian diathermy versus gonadotropin therapy for women with clomiphene citrate resistant polycystic ovarian syndrome, *Human Reproduction*, 2004;19(5):1110-5.
- Vandegrift D, Brown P. Task difficulty, incentive effects, and the selection of high-variance strategies: An experimental examination of tournament behavior, *Labor Economics*, August 2003, v. 10, issue 4, pp. 481-97.
- Farquhar C, Brown P, Furness S. Cost effectiveness of preoperative gonadotrophin releasing analogues for women with uterine fibroids undergoing hysterectomy or myomectomy, *British Journal of Obstetrics Gynaecology*, 2003, 109(11): 1273-80.
- Brown P, McArthur C, Newby L, Lay-Yee R, Davis P, Briant R. Cost of medical injury in New Zealand: A retrospective cohort study, *Journal of Health Services Research and Policy*, 2002, vol. 7, Supplemental, S1:29-S1:34.
- Anderson C, Ni Mhurchu C, Brown P, Carter K. Stroke rehabilitation services to accelerate hospital discharge and provide home-based care: an overview and cost analysis, *Pharmacoeconomics*, 2002, 20 (8), 537-552
- Andreoni J, Brown P, Vesterlund L. What makes an allocation fair? Some experimental results, *Games and Economic Behavior*, 2002, 40, July, 1-24
- Salkeld G, Cameron I, Cumming R, Easter S, Seymour J, Kurrle S, Quine S, Ameratunga S, and Brown P, Quality of life related to fear of falling and hip fracture in older women: a time trade off study. Commentary: Older people's perspectives on life after hip fractures, *British Medical Journal*, 2000, 320(7231):341-346.
- Brown P, Cameron L. What can be done to reduce over-consumption? *Ecological Economics*, 1999, 32, 1, 27-41.

Brown P, *Stewart S*. Avoiding severe environmental consequences: The role of loss avoidance and risk attitudes on environmental decisions, *Journal of Economic Behavior and Organization*, 1999, 32, 179-198.

Brown P. Evidence on the importance of competing for profits on forecasting accuracy, *Journal of Economic Behavior and Organization*, 1998, January 21-47.

Cameron L, Brown P, Chapman J. Value orientations and the decision to take pro-environmental action, *Journal of Applied Social Psychology*, 1998, 28, 675-697.

Brown P. An experimental study of money as a medium of exchange, *Journal of Economic Dynamics and Control*, 1996, 20, 583-600.

Brown P. Learning from experience, reference points, and decision costs, *Journal of Economic Behavior and Organization*, 1995, 27, 381-399.

Conference Proceedings

Feigin V, Barker-Collo S, Parag V, Brown P. Is neuropsychological impairment associated with other stroke functional outcomes? A rationale and design of the ASTRO study, 2006-2009, *11th Congress of the European Federation of Neurological Societies, European Journal of Neurology*, 14, 1, Brussels, 25 - 28 August, 2007, p.105-106

Brown P. Socio-economic status, income inequality and health in economics, *Proceedings of the V Annual Australian Health Economics Conference*, 2007, 151-167.

Master Class

Developed and led 3 day Master Class in Outcome Measurement for Cost Effectiveness. National University of Colombia. Bogota, Colombia. July 14 to 16, 2011.

Developed and led 3 day Master Class in Cost Effectiveness Evaluation. National University of Colombia. Bogota, Colombia. July 10 to 12, 2009.

Conferences

Keynote:

Cost of adverse events in public hospitals. National University of Colombia. Bogota, Colombia. November 5 to 10, 2008.

Systematic reviews of cost-effectiveness studies: Messages for non-economists. Effective Care in Gynecology Conference Auckland, New Zealand, 28 February, 2006.

Whole Body Screening: Looking for Needles in a Haystack. University of Auckland Winter Lecture Series. Auckland, New Zealand, 11 July, 2006.

Conference Workshops:

Expert Panel on session "Potential Stumbling Blocks Along the Road: Comparative Effectiveness, Reimbursements, and Biomarkers as Intellectual Property." Personalized Medicine Conference, Durham, North Carolina, June 15, 2010.

Led working group session on "International cost comparisons for cancer screening." International Cancer Screening Network meeting, Oxford, UK, June 2010.

Organized and led workshop on "Translational research: How to drive policy change." Australasian Society of Behavioural Medicine, Auckland, New Zealand, February, 2009.

Organize and led workshop on “Mixed Methods in Evaluation Research” with Dr Janet Clinton. Health Services Research Association Conference. Auckland, New Zealand. 5 December, 2007.

Invited talks:

Comparative (including cost) effectiveness research: Implications for cancer research and control. Lineberger Cancer Center, University of North Carolina. 23 June, 2009.

Translational research: Lessons from New Zealand. Division of Public Health, Wake Forest University. April 15, 2009.

Should NZ adopt a Relative Value Scale for surgical fees? Congressional Budget Office, Washington DC. September 28, 2008.

LBD and chronic care management in New Zealand. State College of New Jersey at Trenton. 10 September, 2008.

Interest and Willingness to Pay for Genetic Risk Information. Presented to Centre for Health Economics and Evaluation. University of Technology Sydney. Sydney, AU. 27 May, 2008.

Understanding a community-wide diabetes prevention and treatment programme: Let's Beat Diabetes in New Zealand. Presented at Deakin University, Melbourne, AU. 24 May, 2008.

Socio-economic status, income inequality and stroke: (Preliminary) Results from the 1991 Stroke Study, presented at the Wellington School of Medicine, Wellington, New Zealand. 7 July, 2001.

Monographs, Technical Reports, and Unrefereed Articles:

Armstrong D, Brown P, Perkins R, Leung W. 2009. Estimating the demand for residential care beds in Auckland. Prepared for the Selwyn Foundation.

Clinton J., McNeill R., Irvine R, Silva M., Brown P. 2009. An evaluation of the Gardening for Health and Sustainability initiative: an initiative supported by Let's Beat Diabetes, Counties Manukau District Health Board, 1-44.

Silva M., Clinton J, McNeill R, Irvine R, Brown P. 2009. An evaluation of the Let's Beat Diabetes - Diabetes in Pregnancy work stream, Counties Manukau District Health Board, 1-44.

Clinton J., McNeill R., Irvine R, Silva M., Brown P. 2009. An evaluation of the ASB Polyfest Healthy Food Policy initiative: an initiative supported by Let's Beat Diabetes, Counties Manukau District Health Board, 1-66.

Clinton J., McNeill R., Irvine R, Silva M., Brown P. 2009. An evaluation of the redevelopment of Templeton Park: an initiative supported by Let's Beat Diabetes, Counties Manukau District Health Board, 1-38.

Clinton J., McNeill R., Irvine R, Silva M., Brown P. 2009. LBD Monitoring Report', Counties Manukau District Health Board, 1-146.

Brown P, Windsor J, McRae I, Law M, Davys A. 2008. Review of Relative Value Scales for setting Fees for Surgical Procedures and their Applicability to New Zealand. Prepared for the NZ Association of General Surgeons, Southern Cross Medical Society and Health Funds New Zealand.

Travaglia S, Brown P, Wilkinson-Meyers L, Ryan R, Patston P, Baker R, Dylan S. 2008 The Cost of Disability. Prepared for the Health Research Council and Ministry for Social Development.

- Foley L, Maddison R, Brown P, Davys A. 2008. Cost-Benefit Analysis of the Green Prescription (GRx) Modes of Delivery in Auckland City and Counties Manukau Delivered by Sport Auckland. Sport Auckland.
- McNeill R, Clinton J, Brown P, Appleton S. 2008. An evaluation of the Swap2Win social marketing campaign: a Let's Beat Diabetes initiative, Counties Manukau District Health Board, 1-103.
- Silva M, Clinton J, McNeill R, Appleton S, Perkins R, Brown P. 2008. An evaluation of the Active Families programme in Otara, Mangere and Manurewa', Counties Manukau District Health Board, 1-81.
- McNeill R, Clinton J, Perkins R, Brown P, Radwan E. 2008. Re-analysis of the CMDHB Baseline Survey', Counties Manukau District Health Board, 1-75.
- McNeill R, Clinton R, Clinton J, Perkins R, Brown P, Radwan E. 2008. Hospital data indicators for the Let's Beat Diabetes evaluation: NMDS 2000-06', Counties Manukau District Health Board, 1-134.
- Clinton J., McNeill R., Irvine R, Silva M., Brown P. 2008. A process evaluation of the Let's Beat Diabetes Maori work stream, Counties Manukau District Health Board, 1-23.
- Clinton J., McNeill R., Irvine R, Silva M., Brown P. 2008. LBD Monitoring Report, Counties Manukau District Health Board, 1-106.
- McNeill R, Clinton J, Brown P, Radwan Z. 2008. Results of the NPA Baseline Survey, Nelson Marlborough District Health Board, 1-319.
- McNeill R, Clinton J, Perkins R, Brown P, Radwan E. 2007. Using glucose screening tests as proxy indicators of diabetes screening activity and glucose monitoring in people with diabetes, Counties Manukau District Health Board, 1-100.
- McNeill R, Clinton J, Perkins R, Brown P, Radwan E. 2007. Estimating diabetes-related mortality using the mortality collection and hospitalisation data, Counties Manukau District Health Board, 1-59.
- Clinton J., McNeill R., Irvine R, Silva M., Brown P. 2007. An evaluation of the Community Nutrition Project: a Let's Beat Diabetes initiative, Counties Manukau District Health Board, 1-35.
- Clinton J., McNeill R., Irvine R, Silva M., Brown P. 2007. An evaluation of the McDonalds' low sugar drinks trial: a Let's Beat Diabetes initiative, Counties Manukau District Health Board, 1-15.
- Clinton J., McNeill R., Irvine R, Silva M., Brown P. 2007. LBD Monitoring Report, Counties Manukau District Health Board, 1-130.
- Brown P, McNeill R, Radwan E, Willingale J. 2007. The burden of Osteoporosis in New Zealand: 2007 to 2020. Prepared for Osteoporosis New Zealand.
- Njogu F, Brown P. 2007. Cost effectiveness of impact absorbent flooring in reducing fractures among institutionalized elderly. Prepared for Acma Industries.
- Brown P, Willingale J, Butler K, Kerse N. 2006. Economic Evaluation of an intervention to introduce hip protectors in residential homes in New Zealand. Report for the Accident Compensation Corporation.
- Wilkinson-Meyers, Laura, Paul Brown. 2006. Disability and discrimination: A review of existing literature. Report for the Ministry of Social Development.
- Willingale J, Brown J. 2006. Economic evaluation of three youth sexual offenders programmes in New Zealand. Report for the Department of Child Youth and Family (now part of the Ministry of Social Development).

- Brown P, Willingale J, Butler K. 2006. Economic evaluation of ageing in place initiatives in New Zealand. Report for the Ministry of Health.
- Brown P, Willingale J, Butler K. 2006. Economic evaluation of introducing a rotavirus vaccination programme in New Zealand. Report for Glaxco-Smith-Klein.
- McNeill R, Brown P. 2005. Coverage rates for Meningococcal B Immunisation Trial: Disparities analysis and Data Analysis Report. Report for the Ministry of Health.
- Clinton J, Brown P, McDuff I, McNeill R Bullen C. 2005. Developing a framework and plan for evaluating *Let's Beat Diabetes*. Report for Counties Manukau District Health Board.
- Wilkinson-Meyers L, Brown P. 2005. An Economic Evaluation of Universal Newborn Hearing Screening (UNHS) in New Zealand. Report prepared for the National Screening Unit
- Clinton J, Brown P, McNeill R, Mahony F. 2005. Independent Evaluation of the Newborn Hearing Screening Programme. Report prepared for the National Screening Unit.

Teaching (last 10 years):

University of Auckland

Research Methods in Health (Poplhlth 202) – Core course in the Bachelor of Health Sciences curriculum in which students are taught how to design and conduct a quantitative survey, analyze data, write a journal-style article report, and develop a qualitative interview schedule.

Health Systems II (Poplhlth 301) – Developed course introducing Bachelor of Health Sciences students to health services research including concepts of efficiency, effectiveness and equity as applied to evaluations of the health system.

Internship Course (Poplhlth 302) – Developed internship course that places Bachelor of Health Sciences students with organizations in the private and public sector for the semester.

Cost Effectiveness Analysis (Poplhlth 720) – The course provided Masters of Public Health students with an understanding of the methods and application of cost effectiveness evaluations to public health and clinical decision making.

Health Services Analysis and Policy (Poplhlth 756) – The course provided Masters of Public Health students with an introduction into foundations, tools and techniques used by researchers to examine health services.

Health economics (Econ 616) – Course provided economic graduate students with an introduction to health economics.

Doctoral students and Masters Students

Primary supervisor for two doctoral students

Secondary advisor for four doctoral students

Chair of three doctoral dissertation committees

Primary supervisor for ten Masters of Public health students