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## Paul Matthew Brown

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### EDUCATION

PhD, University of Wisconsin, Madison, 1990.	Economics
MS, University of Wisconsin, Madison, 1986.	Economics
BS, University of California, Santa Barbara, 1982.	Economics
BS, University of California, Santa Barbara, 1982.	Psychology

### RESEARCH INTERESTS

Health and Behavioral Economics:	Development of interventions using Behavioral Economics and valuation using discrete choice experiments.
Public Health Systems Research:	Return on Investment and economic evaluations of health care initiatives for health care providers and funders.
Rural Health Services Research:	Examining cost, access and quality of care in rural areas.

### PROFESSIONAL EXPERIENCE

#### *Current positions*

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

#### *Current affiliations*

Auckland University of Technology, Auckland, New Zealand, 2011 to Present

#### *Past positions*

Director, Health Sciences Research Institute, University of California, Merced (2012 to 2018).

Institute of Pharmacogenomics and Individualized Therapies, University of North Carolina, Chapel Hill (2010-2017).

Department of Health Policy and Management, Gillings School of Global Public Health, University of North Carolina, Chapel Hill (2010).

Associate Professor, Department of Health Policy and Management & Lineberger Comprehensive Cancer Center, University of North Carolina. (2010).

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

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

Director, Center for Health Services Research & Policy. (2004 - 2009).

Head of Department, Health Systems. (2004 - 2007).

Director, Bachelor of Health Sciences Degree, School of Population Health, University of Auckland, Auckland, New Zealand. (2000 - 2005).

Senior Health Economist, New Zealand Ministry of Health. (1997 - 1998).

Associate Professor of Economics, University of Massachusetts, Boston. (1996 - 1998).

Assistant Professor of Economics, University of Massachusetts, Boston. (1990 - 1996).

## **HONORS AND AWARDS**

Distinguished Scholarly Public Service award, UC Merced (2015 – 2016)

Supreme Award, New Zealand Health Innovations Awards, with Andrea Steinberg and Allan Pelkowitz. “Dyspepsia: A cost-effective primary care intervention for reducing unnecessary endoscopies.” Wellington, NZ. (2004)

## **UC MERCED - UNIVERSITY AND PROFESSIONAL SERVICE**

### **Department Service**

Chair, Public Health Graduate Group (2016 to 2019).

Chair, Public Health Advisory Group. (2011 - 2015).

Author, Public Health Graduate Proposal. (April 2014 - July 2016).

Author, Bylaw Unit Proposal for Public Health. (June 2014 - December 2015).

Chair, Public Health Search Committee. (2012, 2013, 2014).

Author, Undergraduate proposal in Public Health. (September 2012 - August 2014).

### **University Service**

Director, Health Sciences Research Institute. (July 2012 - 2018).

Chair, Medical Education Task Force. (April 2015 - 2019).

Co-Chair, Human Health Strategic Academic Focusing Initiative. (November 2013 - 2015).

Member, UCOP Health Sciences Committee. (April 2012 - 2015).

Chair, Institutional Biosafety Committee Meeting. (June 2012 - March 2015).

### **Public Service**

Advisor, Environmental Tracking Unit, California Department of Public Health. (2012 - 2015).

Member, San Joaquin Valley Public Health Consortium, San Joaquin Valley. (2012 - 2015).

### **Professional Service**

Referee

British Medical Journal

Health Policy

Health expectations

Journal of Behavioral Decision Making

Australian Medical Journal

New Zealand Medical Journal

Therapeutics and Clinical Risk Management

Journal of Socioeconomics

Health and Social Care in the Community

Social Science and Medicine

International Society of Behavioral Medicine, Scientific Committee Track Chair. (2014, 2016, 2018).

BMC Health Services Research, Associate Editor, Appointed, Pro Bono. (2010 - 2013).

Agency for Healthcare Research and Quality, Panelist, Washington, DC, Appointed, Pro Bono. (2013, 2015).

## BIBLIOGRAPHY

### *Refereed Articles (\* Student)*

- Goldman-Mellor, S., Kwan, K., Boyajian, J., Gruenewald, P., Brown, P., Wiebe, D., & Cerdá, M. (2019). Predictors of self-harm emergency department visits in adolescents: A statewide longitudinal study. *General hospital psychiatry*, 56, 28-35.
- Lidón-Moyano, C., Wiebe, D., Gruenewald, P., Cerdá, M., Brown, P., & Goldman-Mellor, S. (2019). Associations between self-harm and chronic disease among adolescents: Cohort study using statewide emergency department data. *Journal of adolescence*, 72, 132-140.
- Wilson, L., Ting, J., Lin, H., Shah, R., MacLean, M., Peterson, M. W., ... & Brown, P. (2019). The Rise of Valley Fever: Prevalence and Cost Burden of Coccidioidomycosis Infection in California. *International Journal of Environmental Research and Public Health*, 16(7), 1113.
- Aponte-González, J., González-Acuña, A., Lopez, J., Brown, P., & Eslava-Schmalbach, J. (2019). Perceptions in the community about the use of antibiotics without a prescription: Exploring ideas behind this practice. *Pharmacy Practice*, 17(1), 1394-1394.
- Gharibi, H., Entwistle, M. R., Ha, S., Gonzalez, M., Brown, P., Schweizer, D., & Cisneros, R. (2018). Ozone pollution and asthma emergency department visits in the Central Valley, California, USA, during June to September of 2015: a time-stratified case-crossover analysis. *Journal of Asthma*, 1-12.
- Díaz-Rojas, J.A.\*, Caro, J., and Brown, P. (2018) Healthcare cost for early rheumatoid arthritis, the case of a health insurer in Colombia. *Value in Health Regional* (in press).
- Parkinson, B., Sherman, K. A., Brown, P., Laura-Kate, E. S., Boyages, J., Cameron, L. D., Elder, E. & Lam, T. (2018). Cost-effectiveness of the BRECONDA decision aid for women with breast cancer: Results from a randomized controlled trial. *Psycho-oncology*, 27(6), 1589-1596.
- So, T.\*, Brown, P., Chaudhuri, A., Ryvkin, D. and Cameron, L., (2017). Piece-rates and tournaments: Implications for learning in a cognitively challenging task. *Journal of Economic Behavior & Organization*, 142, pp.11-23.
- Cisneros, R., Brown, P., Cameron, L., Gaab, E., Gonzalez, M., Ramondt, S., Veloz, D., Song, A. and Schweizer, D. (2017) Understanding public views about air quality and air pollution sources in the San Joaquin Valley, California. *Journal of Environmental and Public Health*, Volume 2017 (2017), Article ID 4535142, 7 pages.
- Wheeler, S. B., Kuo, T. M., Meyer, A. M., Martens, C. E., Lich, K. M. H., Tangka, F. K., Richardson, L.C., Hall, I.J., Smith, J.L., Mayorga, M.E., & Brown, P. (2017) Multilevel predictors of colorectal cancer testing modality among publicly and privately insured people turning 50. *Preventive Medicine Reports*, 6, 9-16.
- Cisneros, R., Gonzalez, M., Brown, P., & Schweizer, D. (2016) Soda consumption and hospital admissions among Californian adults with asthma. *Journal of Asthma*, Nov (16), 1-5.
- Brown, P., Cameron, L., Cisneros, R., Cox, R., Gaab, E., Gonzalez, M., Ramondt S, & Song, A. (2016) Latino and Non-Latino Perceptions of the Air Quality in California's San Joaquin Valley. *International Journal of Environmental Research and Public Health*, 13(12), 1242.
- Sherman, K.A., Shaw, L.K.E., Winch, C.J., Harcourt, D., Boyages, J., Cameron, L.D., Brown, P., Lam, T., Elder, E., French, J. and Spillane, A., 2016. Reducing decisional conflict and enhancing satisfaction with information among

- women considering breast reconstruction following mastectomy: results from the BRECONDA randomized controlled trial. *Plastic and reconstructive surgery*, 138(4), pp.592e-602e.
- Díaz, J.A. \*, Dávila, F.A., Quintana, G., Aristizábal, F. and Brown, P., (2016). Rheumatoid arthritis prevalence in Colombia: An approach based on burden of disease study during 2005. *Revista Colombiana de Reumatología (English Edition)*, 23(1), pp.11-16.
- Díaz, J.,\* Urrego, J., Moreno, A., Reyes, J., Peralta, F., Prieto, V., & Brown, P. (2015). Economic impact of vaccination with PCV13 vs. vaccination with PCV 10 in Colombia. *Revista Colombiana de Ciencias Químico-Farmacéuticas*, 44(3), 397-415.
- Feigin V., Krishnamurthi R., Barker-Collo S., McPherson K, Barber P., Parag V., Arroll B., Bennett D., Tobias M., Jones A., Witt E., Brown P., Abbott M., Bhattacharjee R., Rush E., Suh F., Theadom A., Rathnasabapathy Y., Te Ao B., Parmar G., Anderson C., Bonita R. (2015). 30-year trends in stroke rates and outcome in Auckland, New Zealand (1981-2012): a multi-ethnic population-based series of studies. *PLoS one*, 10(8), e0134609.
- Brown P, Panattoni L\*, Cameron L, Knox S, Ashton T, Tenbensen T, Windsor J. Hospital sector choice and support for public hospital care in New Zealand: Results from a labeled discrete choice survey. *Journal of Health Economics*, 2015, 43, 118-127.
- Brown P, Gonzalez M, Sandhu Dhaur R\*. Cost of Chronic Disease in California: Estimates at the county level. *Journal of Public Health Management and Practice*, 2015, 21(1), E10-E19.
- Te Ao B \*, Tobias M, Ameratunga S, Barker-Collo S, Brown P, Dowell A, Jones K, McPherson K, Starkey N, Theodom A, Feigin V. Burden of traumatic brain injury in New Zealand: incidence, prevalence and disability-adjusted life years. *Neuroepidemiology*, 2015, 44.4, 2015, 255-261.
- Wilkinson-Meyers L\*, Brown P, Reeve J, McNeill R, Patston P, Dylan S, Baker R, Ryan B, McEldowney J. To live an ordinary life: Resource needs and additional costs for people with a physical impairment, *Disability and Society*, 2015, 30(7), 976-990.
- Wilkinson-Meyers L\*, Brown P, Reeve J, McNeill R, Patston P, Dylan S, Baker R, Ryan B, McEldowney J. Reducing Disablement with Adequate and Appropriate Resources: A New Zealand Perspective, *Disability & Society* 29, no. 10, 2014, 1540-1553.
- Pignone M, Crutchfield T, Brown P, Hawley S, Laping J, Lewis C, Hassmiller K, Richardson L, Tangka F, Wheeler S. Using a discrete choice experiment to inform the design of programs to promote colon cancer screening for vulnerable populations in North Carolina. *BMC health services research* 14, no. 1, 2014, 611.
- Sheets, N., Wheeler, S., Kohler, R., Fried, R., Brown, P., Chera, B. (2014). Costs of care in a matched pair comparison of intensity-modulated radiation therapy (IMRT) versus conventional radiation therapy (CRT) for the treatment of head and neck cancer. *American journal of clinical oncology*, 37(6), 539-544.
- Kerse, N, McLean C, Moyes S, Peri K, Ng T, Wilkinson-Meyers\* L, Brown P, Latham N, Connolly M. "The Cluster-Randomized BRIGHT Trial: Proactive Case Finding for Community-Dwelling Older Adults." *The Annals of Family Medicine* 12, no. 6, 2014, 514-524.
- Craig B, Reeve B, Brown P, Cella D, Hays R, Lipscomb J, Pickard S, Revicki D. US Valuation of Health Outcomes Measured Using the PROMIS-29. *Value in Health* 17, no. 8, 2014, 846-853.
- Brown P, Cameron L, Ramondt S\*. Sustainability of Behavioral Interventions: Beyond Cost Effectiveness Analysis. *International journal of behavioral medicine*, 2014, 1-9.

- Krishnamurthi R, Eitt E, Barker Collo S, McPherson K, Davis-Martin K, Bennett D, Rush E, Suh F, Starkey N, Parag V, Rathnasabapathy V, Jones A, Brown P, Te Ao B, Feigin V. Reducing recurrent stroke: Methodology of the motivational interviewing in stroke (MIST) randomized clinical trial. *International Journal of Stroke*, 2014, 9(1), 133-139.
- Te Ao B\*, Brown P, Tobias M, Ameratunga S, Barker-Collo S, Theadom A, McPherson K, Starkey N, Dowell A, Jones K, Feigin V. Cost of traumatic brain injury in New Zealand: Evidence from a population based study. *Neurology* 83, no. 18, 2014, 1645-1652.
- Song A, Brown P, Glantz S. Health Policy and Empirical Evidence Collide: The Case of Cigarette Package Warning Labels and Economic Consumer Surplus. *American Journal of Public Health*; February 2014, Vol. 104, No. 2, pp. e42-e51.
- Wilkinson-Meyers L\*, Brown P, Kerse N. Met and unmet need for personal assistance among community-dwelling New Zealanders aged 75 or more. *Health & Social Care in the Community*; 2014, May; 22(3):317-27
- Maddison R, Roberts V, McRobbie H, Bullen C, Prapavessis H, Glover M, Jiang Y, Brown P, Leung W, Tsai M. Exercise counseling to enhance smoking cessation outcomes: The Fit2Quit randomized controlled trial. *Annals of Behavioral Medicine*, 2014, 48(2), 194-204.
- Ashton T, Brown P, Sopina E, Cameron L, Tenbensen T, Windsor J. Sources of satisfaction and dissatisfaction of specialists with the public and private health sectors. *New Zealand Medical Journal*; September 2013, Vol 126 No 1383; ISSN 1175 8716 Page 9, URL: <http://journal.nzma.org.nz/journal/126-1383/5843/>
- Diaz J\*, Rodriguez M, Rodriguez A, Brown P. Impact of group purchasing in cooperative of hospital in Colombia, using a price index from 1999 to 2011. *Review of Colombian Anaesthesiology*, 2013, Vol. 42 (1), 80-102,
- Te Ao B\*, Brown P, Fink J, Vivian M, Feigin V. Potential gains and costs from increasing access to thrombolysis for acute ischemic stroke patients in New Zealand hospitals. *International Journal of Stroke*; 2013; DOI: 10.1111/ij.s.12152.
- 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*; 2012, Volume 30, Issue 11, pp 1067-1084.
- Saywell N, Vandal A, Brown P, Hanger H, Hale L, Mudge S, Milosavljevic S, Feigin V, Taylor D. 2012. Telerehabilitation to improve outcomes for people with stroke: study protocol for a randomised controlled trial. *Trials* 2012, 13(1), 233.
- Wood W, Whitley J, Goyal R\*, Brown P, Sharf A, Irons R, Rao K, Essenmacher A, Serody J, Coghill J, Armistead P, Sarantopoulos S, Gabriel D, Shea T. 2012. Effectiveness of etoposide chemomobilization in lymphoma patients undergoing auto-SCT. *Bone Marrow Transplant*, 2012, 48(6), 7741-776.
- 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*. 2012, 26(8): 1030-1037. doi:10.1089/end.2011.0568.
- Feigin V, Theadom A, Barker-Collo S, Starkey N, McPherson K, Kahan M, Dowel A, Brown P, Parag V, Kydd R, Jones K, Jones A, Ameratunga S. Incidence of traumatic brain injury in New Zealand: a population-based study. *Lancet Neurology*. 2012, 12(1), 53-64.
- 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. *New Zealand Medical Journal*, 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.

### ***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, 399-413.
- 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.



### ***Conference Proceedings***

- Sherman, K., Shaw, L., Winch, C., Harcourt, D., Cameron, L., & Brown, P. (2015). Psychological distress, age and salience of physical appearance: mediator and moderator effects of the Breconda web-based decision aid for women considering breast reconstruction following mastectomy. *Psycho-oncology*, 24, 44.
- Theadom, A., K. Mitchell, R. Roxburgh, M. Rodrigues, T. Taylor, R. Baker, K. Jones et al. "Unmet needs of people living with myotonic dystrophy: Data from a national, population-based study." *Neuromuscular Disorders* 26 (2016): S195.
- 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.

## ***Presentations/Invited talks***

### ***Master Classes:***

Brown (2018) “Cost Effectiveness, Return on Investment, and Social Return on Investment for assessing healthcare interventions and services,” One-day workshop for health researchers at the Auckland University of Technology. The workshop provided an overview and examples of ROI, the complexities of conducting a Social ROI, and the situations where it is more appropriate to conduct a cost effectiveness study. The workshop involves graduate students from UC Merced assisting the researchers in designing projects. Held in Auckland, New Zealand. (March 27, 2018)

Brown (2016) “Using Return on Investment in Public Health Departments,” Two-day workshop for staff from Public Health Departments in the San Joaquin Valley and the California Department of Public Health focusing on using return on investment (ROI) analysis for public health services. Held in Wawona, Yosemite National Park. (April 21 to 22, 2016)

Brown (2015) “Using Behavioral Economics to reduce medical errors and promote patient safety in hospitals,” Two day workshop for medical professionals in Bogota, Colombia focused on how to use behavioral economics to develop interventions for reducing medical errors in hospitals. Held in Bogota, Colombia. (October 24 to 25, 2015).

Brown (2015) “Cost Effectiveness Analysis and Priority Setting in Mexicali,” Two day workshop in conjunction with the Society of Public Health in Baja California. The workshop provided researchers and public health officials from Baja region of Mexico with training in topics relevant to public health practice. Held in Wawona, Yosemite National Park. (August 20 to 21 2015)

Brown, (2014) Using Behavioral Economics to Develop Behavioral Interventions. Day-long long workshop for researchers and students at Auckland University of Technology. (March 24, 2014).

Brown, P. (2009) Master Class in Cost Effectiveness Evaluation. National University of Colombia. Bogota, Colombia. (July 10 to 12, 2009).

### ***Keynotes:***

Brown (2008) “Cost of adverse events in public hospitals.” National University of Colombia. Bogota, Colombia. November 5 to 10.

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

Brown (2005) “Whole Body Screening: Looking for Needles in a Haystack”. University of Auckland Winter Lecture Series. Auckland, New Zealand, 11 July.

### ***Pre-Conference Sessions:***

Brown (2009) “Translational research: How to drive policy change.” Australasian Society of Behavioural Medicine, Auckland, New Zealand, February

Brown (2007) “Mixed Methods in Evaluation Research” with Dr Janet Clinton. Health Services Research Association Conference. Auckland, New Zealand. 5 December.

### ***Invited Talks:***

Brown, P. (2016) “Perceptions of the air quality in California’s San Joaquin Valley.” Air Quality in the San Joaquin Valley Conference, Valley Children’s Hospital, Nov 29, 2016.

Brown, P. (2014) “Economic Burden of Chronic Conditions in California.” CDPH Cal-EIS Fellowship and Preventive Medicine Residency Program. Sacramento, CA. (April 24, 2014).

- Brown (2009) "Comparative (including cost) effectiveness research: Implications for cancer research and control." Lineberger Cancer Center, University of North Carolina. 23 June.
- Brown (2009) "Translational research: Lessons from New Zealand." Division of Public Health, Wake Forest University. April 15.
- Brown (2008) "Should NZ adopt a Relative Value Scale for surgical fees?" Congressional Budget Office, Washington DC. September 28.
- Brown (2008) "Modeling chronic care management in New Zealand primary care." John Hopkins University. 18 September.
- Brown (2008) "LBD and chronic care management in New Zealand". State College of New Jersey at Trenton. 10 September.
- Brown (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.
- Brown (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.
- Brown (2001) "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.

***Conference Presentations:***

- Aponte-Gonzalez J., Brown P., and Eslava J. (2016) "Preferences among students about self-medicating with antibiotics: A discrete choice experiment." International Congress of Behavioral Medicine, Melbourne, Australia, December 2016.
- Boyajian J., Brown P. (2016) "Differences in colorectal cancer screening preferences: A latent class analysis of discrete choice data." International Congress of Behavioral Medicine, Melbourne, Australia, December 2016.
- Moreno M., Brown P., and Eslava J. (2016) "Understanding women's choices about childbirth: Allais paradox and preferences." International Congress of Behavioral Medicine, Melbourne, Australia, December 2016.
- Mantoan G., Schnier K., Boyajian J., Singh R., Brown P. "Preferences regarding organ donations: Evidence from a discrete choice survey." International Congress of Behavioral Medicine, Melbourne, Australia, December 2016.
- Parkinson B., Brown P., Sherman K. "Cost effectiveness of a decision aid for breast reconstruction after surgery." International Congress of Behavioral Medicine, Melbourne, Australia, December 2016.
- Te Ao B., Brown P., Derrett S., V Feigin. (2016) "Quality-adjusted life years associated with traumatic brain injury: Evidence from the Brain Injury Outcome New Zealand in the Community study." International Congress of Behavioral Medicine, Melbourne, Australia, December 2016.
- Brown, P. "Using Behavioral Economics to develop new health interventions." Invited talk, National University of Colombia, Bogota, Colombia. Oct 27, 2015.
- Brown, P., Coccidiomycosis Study Group Conference, "What to do about Valley Fever? A critical review of options for Public Health," San Diego, CA. (May 2015).
- Sandhu, R. (Presenter), Brown, P. (Author), Keeneland Public Health Services and Systems Conference, "Economic Burden of Chronic Disease in California 2015," Lexington, KY. (April 2015).

Do-Reynoso, V. (Author), Brown, P. (Presenter & Author), Keeneland Public Health Services and Systems Conference, "The impact of the Affordable Care Act on Delivery of Childhood Immunization Services in Rural Communities," Lexington, KY. (April 2015).

Brown, P., Western Economic Association International, "Using Behavioral Economics to Design Health Interventions," Wellington, New Zealand. (January 2015).

Brown, P., International Congress of Behavioral Medicine, "Behavioral Health Economics and the development of behavioral interventions," Groningen, the Netherlands. (August 2014).

Brown, P., International Congress of Behavioral Medicine, "Smoking preferences among youth: Results from a DCE," Groningen, the Netherlands. (August 2014).

Brown, P., International Congress of Behavioral Medicine, "Sustainability of Behavioral Interventions: Beyond Cost Effectiveness Analysis," Panel: ICBM 2014 Satellite Workshop Forum, Groningen, the Netherlands. (August 2014).

Brown, P., American Society of Health Economists, "Tobacco use, consumer surplus, and FDA policy: Results from a discrete choice experiment on smoking preferences," USC. Los Angeles California. (June 2014).

Brown, P., International Congress of Behavioral Medicine, "Adapting Budget Standards to Identify the Additional Resources and Costs Associated with disability," Budapest, Hungary. (August 2012 - September 2012).

Brown, P., International Congress of Behavioral Medicine, "Understanding Preferences for Pre-Birth Testing for Genetic Conditions Using a Discrete Choice Survey," Budapest, Hungary. (August 2012 - September 2012).

Brown, P., Center for Disease Prevention and Control, "Using behavioral economics to design colorectal cancer screening programs for vulnerable populations." (May 2012).

Brown, P., Keeneland Conference of Public Health Services and Systems Research, "Assessing the value of a public health system using discrete choice experiments," Robert Wood Johnson Foundation, Lexington, KY. (May 2012).

Brown, P., Ministry of Health of Colombia, "Personalized Medicine and Cost Effectiveness Analysis using individual and country-wide genetic information," Bogota, Colombia. (March 2012).

Brown, P., National University of Colombia, Bogota, "Outcome measurement for cost effectiveness," Bogota, CO. (July 2011).

Te Ao, B. (Presenter), Brown, P. (Author), AcademyHealth, "The Burden of Traumatic Brain Injury," Seattle WA. (June 2011).

Brown, P. (Presenter & Author), Kohler, K., International Cancer Screening Conference, "Expanding CRC screening: Understanding the options and the costs to providers," National Cancer Institute, Panel: Health Economics, Oxford, UK. (July 2010).

Brown, P., "Is it cost effective to introduce stroke units in Auckland Hospitals?," Health Services Association of Australia and New Zealand, Brisbane, Australia. (December 2009).

Brown, P., "To go public or private: Results from a discrete choice survey of consumer preferences," Health Services Association of Australia and New Zealand, Brisbane. (December 2009).

Brown, P., Australian Health Economics Association Meeting, "The impact of chronic conditions on work and employment in New Zealand," Tasmania, New Zealand. (October 2009).

Brown, P., "Comparative (including cost) effectiveness research: Implications for cancer research and control.," Linberger Cancer Center, University of North Carolina. (June 2009).

Brown, P., "Translational research: Lessons from New Zealand," Division of Public Health, Wake Forest University. (April 2009).

Brown, P., "Living with life after cancer: Impacts on work and income.," Australasian Society of Behavioural Medicine, Auckland, New Zealand. (February 2009).

Brown, P., "Translational research: How to drive policy change," Australasian Society of Behavioural Medicine, Auckland, New Zealand. Invited to organize and lead workshop. Pre-conference session. (February 2009).

- Brown, P. (Keynote Speaker), "Cost of adverse events in public hospitals," National University of Colombia, Bogota. (November 2008).
- Brown, P., "Should NZ adopt a Relative Value Scale for surgical fees?," Congressional Budget Office, Washington, D.C. (September 2008).
- Brown, P., "Modeling chronic care management in New Zealand primary care," Johns Hopkins University. (September 2008).
- Brown, P., AcademyHealth Annual Research Conference, "Specialist reimbursements in Australia, U.S., and NZ," Washington, D.C. (June 2008).
- Brown, P., "Interest and Willingness to Pay for Genetic Risk Information," Centre for Health Economics and Evaluation, University of Technology, Sydney, Sydney, Australia. (May 2008).
- Brown, P., "Understanding a community-wide diabetes prevention and treatment programme: Let's Beat Diabetes in New Zealand," Deakin University, Melbourne, Australia. (May 2008).
- Brown, P., Australasian Experimental Conference, "Performance and (Psychological) Competition," Auckland, New Zealand. (January 2008).
- Brown, P., Health Services Research Association Conference, "Mixed Methods in Evaluation Research," Auckland, New Zealand. Invited to organize and lead workshop with Dr. Janet Clinton. Pre-conference session. (December 2007).
- Brown, P. (Keynote Speaker), Effective Care in Gynecology, "Systematic Reviews of Cost-Effectiveness Studies: Messages for Non-Economists," Auckland, New Zealand. (February 2006).
- Brown, P., University of Auckland Winter Lecture Series, "Whole Body Screening: Looking for Needles in a Haystack," Auckland, New Zealand. (July 2005).
- Brown, P., "Socio-economic status, income inequality and stroke: (Preliminary) Results from the 1991 Stroke Study," Wellington School of Medicine, Wellington, New Zealand. (July 2001).

## **Translation/Dissemination of Research**

### Translational Research Center (2015 to present)

Helped develop center at UC Merced focused on translating and disseminating scientific information to the broader community. Center activities includes leading a Community Advisory Group, working with faculty and students to disseminate information, developing community based research projects, and providing community input to faculty and graduate students about their research.

### Research Week – Translational Research (February 10, 2015).

Day-long session for graduate students and undergraduates at UC Merced focused on translational research and team science.

### Working with Valley Fever in Agriculture (February 11, 2015).

Panel discussion involving researchers and LHD officials, presented at the World Ag Expo, the largest farm expo in the world.

### Building a culture of health in the Central Valley (May 12, 2015).

Day-long workshop for high school teachers in the region on healthy eating and nutrition. The day included academic and community members speaking on four topics: Health eating in schools, health eating outside of schools, promoting exercise in schools, and promoting exercise outside of schools

### Healthy People in Mariposa's Changing Climate (May 20, 2015).

Day-long event with Mariposa County focusing upon the impact of climate change on rural counties in California. The day-long event included speakers from UC Merced, the State of California, and various county agencies.

### Tobacco Use: New Products, New Policies (February 15, 2014).

Day-long event for Research Week focused on smoking research.

Nature and Health (November 7, 2014 - November 8, 2014).

Two-day series on health related research for teachers in the San Joaquin Valley. The event was held at the UC Merced Wawona facilities. The day featured a series of speakers from UC Merced on health related topics.

Valley Fever Research Day: Setting Research Priorities in the San Joaquin Valley (June 29, 2013).

Day-long gathering of researchers focused on Valley Fever: Valley Fever Research Day: Setting Research Priorities in the San Joaquin Valley. The event was attended by researchers from the region and other UCs, and focused on identifying what is known and unknown about Valley Fever.

Valley Fever: What next? (November 13, 2013).

Event focusing on Valley Fever in the San Joaquin Valley. The event focused on translating the results of what is and is not known to the public, community leaders and politicians, and then focusing on collaborations moving forward.

### ***Grant activity***

Brown, Paul (Principal Investigator), "Knowledge of Valley fever in the general population," Legacy Healthcare Foundation, \$25,000 (April 2017 – August 2018).

Brown, Paul (Principal Investigator), "Long term care challenges in the San Joaquin Valley," Legacy Healthcare Foundation, \$25,000 (April 2017 – August 2018).

Brown, Paul (Co-Principal Investigator), "Overcoming malnutrition in non-institutionalized older adults," UC Merced Blum Foundation (June 2017 – December 2018).

Brown, Paul (Named Investigator), "Long-term health of adolescent suicide attempters: Healthcare utilization, morbidity, and costs," National Institutes of Mental Health (R15) (Sidra Goldman-Mellor, PI), \$450,000 (April 2017 – March 2020).

Brown, Paul (Named Investigator), "Merced County Accountable Communities for Health," California Accountable Communities of Health Initiative, \$1.5 million (September 2016 to December 2019).

Brown, Paul (Co-Principal Investigator), "Direct: Delivery of STD testing in California and Alabama," Robert Wood Johnson Foundation, \$150,000.00. (September 2014 – October 2016).

Brown, Paul (Principal Investigator), "Health burden of chronic diseases in counties in California," The California Endowment, \$50,000.00. (January 2014 - Present).

Brown, Paul (Co-Principal Investigator), "Using behavioral economics to increase CRC screening.," Center of Disease Control and Prevention, \$1,300,000.00. (January 2011 - December 2014).

Brown, Paul (Principal Investigator), "Public Health Delivery and Cost Studies in the San Joaquin Valley," Robert Wood Johnson Foundation, \$50,000.00. (August 2013 - August 2014).

Brown, Paul (Co-Principal Investigator), "Increasing Colorectal Cancer Screening Rates in Community Health Centers," National Cancer Institute, \$500,000.00. (January 2011 - December 2013).

Brown, Paul (Co-Principal Investigator), ""PROMIS Values in Cancer Survivors" for submission to the National Institute of Health," National Cancer Institute (R-01), \$1,500,000.00. (January 2011 - December 2014).

Brown, Paul (Co-Principal Investigator), "ARCOS IV: Auckland Regional Community Stroke Study," Health Research Council of New Zealand, \$2,100,000.00. (July 2010 - December 2014).

Brown, Paul (Principal Investigator), "Economic and Health Burden of Chronic Disease in California," California Department of Public Health, \$75,000.00. (September 2013 - May 2014).

Brown, Paul (Co-Principal Investigator), "Traumatic brain injury burden in New Zealand: a population-based incidence & outcomes study," Health Research Council of New Zealand, \$1,700,000.00. (July 2009 - December 2013).

Brown, Paul (Co-Principal Investigator), "Exercise to enhance smoking cessation outcomes," Health Research Council of New Zealand, \$1,450,000.00. (July 2009 - June 2012).

Brown, Paul (Co-Principal Investigator), "Evaluation of an online decision aid for women with breast cancer," Cancer Council of Australia, \$330,000.00. (2008 - June 2012).

Brown, Paul (Co-Principal Investigator), "BRIGHT: Improving care for the elderly," Health Research Council of New Zealand, \$3,200,000.00. (July 2007 - June 2012).

Brown, Paul (Principal Investigator), "Cost of Stroke in New Zealand," Stroke Foundation, \$10,000.00. (2009).

Brown, Paul (Principal Investigator), "Demand for residential homes in Auckland," Selwyn Foundation, \$17,000.00. (2009).

Brown, Paul (Co-Principal Investigator), "Partnering in Primary Care - the Flinders Model for New Zealand Populations," Star Research Grant, \$100,000.00. (2008 - 2009).

Brown, Paul (Co-Principal Investigator), "Long-term functional and neuropsychological outcomes after stroke in New Zealand," Health Research Council, \$1,015,021.00. (2006 - 2009).

Brown, Paul (Co-Principal Investigator), "Strategies to promote healthier food purchases: a supermarket intervention trial," Health Research Council, \$1,856,708.00. (2006 - 2009).

Brown, Paul (Co-Principal Investigator), "Evaluation of Let's Beat Diabetes," Counties Manakau District Health Board, \$1,000,000.00. (2005 - 2009).

Brown, Paul (Co-Principal Investigator), "Cost-Benefit Analysis of the Green Prescription (GRx) Modes of Delivery," Sport Auckland, \$25,000.00. (2008).

Brown, Paul (Principal Investigator), "Review of Relative Value Scales for setting Fees for Surgical Procedures and their Applicability to New Zealand," NZ Association of General Surgeons, \$35,000.00. (2008).

Brown, Paul (Co-Principal Investigator), "Life after Cancer," Genesis Oncology Trust, \$65,920.00. (2007 - 2008).

Brown, Paul (Principal Investigator), "Cost of Disability," Health Research Council, \$350,000.00. (2005 - 2008).

Brown, Paul (Principal Investigator), "Use of private and public sectors for surgical procedures," Health Research Council, \$450,000.00. (2005 - 2008).

Brown, Paul (Principal Investigator), "The burden of Osteoporosis in New Zealand: 2007 to 2020," Osteoporosis New Zealand, \$35,000.00. (2007).

Brown, Paul (Principal Investigator), "Competition and cooperation in experimental markets," University of Auckland, \$15,000.00. (2005 - 2007).

Brown, Paul (Co-Principal Investigator), "The evaluation of the implementation of the interRAI," Ministry of Health, \$245,000.00. (2005 - 2007).

Brown, Paul (Principal Investigator), "Economic Evaluation of introducing a rotavirus vaccine in New Zealand," GlaxoSmith Klein, \$56,000.00. (2006).

Brown, Paul (Principal Investigator), "Economic evaluation of introducing hip protectors in residential homes," ACC, \$15,000.00. (2005 - 2006).

Brown, Paul (Co-Principal Investigator), "Evaluation of ageing in place initiatives," Ministry of Health, \$528,295.00. (2003 - 2006).

Brown, Paul (Co-Principal Investigator), "Evaluation of New Zealand Community Based Adolescent Sexual Offender Treatment Programmes," Department of Child, Youth and Family, \$686,452.00. (2003 - 2006).

Brown, Paul (Co-Principal Investigator), "Falls, function and quality of life: An intervention in residential care," Health Research Council, \$1,300,000.00. (2003 - 2006).

Brown, Paul (Principal Investigator), "Economic Evaluation of newborn screening and opportunistic screening for Chlamydia," National Screening Unit, Ministry of Health, \$45,000.00. (2005).

Brown, Paul (Co-Principal Investigator), "Independent evaluation of universal newborn hearing screening," National Screening Unit, Ministry of Health, \$80,000.00. (2005).

Brown, Paul (Co-Principal Investigator), "Determinants of stroke impact on individuals, families and the community," Health Research Council, \$1,300,000.00. (2001 - 2005).

Brown, Paul (Principal Investigator), "Meningococcal Vaccine Trial in New Zealand: Socio-economic and health disparities analysis," Ministry of Health, \$12,000.00. (2004).

Brown, Paul (Co-Principal Investigator), "Assertive Community Treatment in South Auckland," Auckland Medical Research Council, \$16,255.00. (2003).

Brown, Paul (Principal Investigator), "Evaluating Integrated Care in New Zealand," Health Research Council, \$40,000.00. (2000 - 2003).

Brown, Paul (Principal Investigator), "Compliance with Environmental Regulations," EPA - Environmental Protection Agency, \$43,000.00. (1994 - 1996).

Brown, Paul (Principal Investigator), "Loss aversion in environmental decisions," Annual Fund Research Grant, \$12,500.00. (1995).

Brown, Paul (Principal Investigator), "Learning from experience and convergence," Healey Faculty Development Grant, \$15,000.00. (1993).