

Heather Brown, PhD

Telephone: +44 (0) 7727054563 Email: heatherwbrown1030@hotmail.com

ORCID: <https://orcid.org/0000-0002-0067-991X>

Education:

- **PhD, Economics**, 2006-2009, University of Sheffield, England
Dissertation: The economic causes and consequences of obesity for working age adults: Three empirical applications.
Supervisor: Professor Jennifer Roberts
Examiners: Professor Stephen Morris, University College London and Professor Stephen Walters, University of Sheffield
 - **MSc, Economics and Development Economics with Merit**, 2004-2005, University of Nottingham, England
Dissertation: The impact of AIDS on the labour force in South Africa
Advanced coursework: Econometric Theory and Modelling, Growth Theory, and International Macroeconomics.
 - **BA**, 1999-2003, McGill University, Montreal, Quebec, Canada
Major Concentration: Economics
Minor Concentrations: International Development Studies and Political Science
-

Professional Experience and Employment:

- **September 2021**: Professor of Health Economics and Equity, Finnish Institute of Health and Welfare, Helsinki, Finland
 - **August 2018-September 2021**: Senior Lecturer in Health Economics, Newcastle University, Population Health Sciences Institute, UK
 - **August 2011-August 2018**: Lecturer in Health Economics, Newcastle University, Population Health Sciences Institute, UK
 - **August 2009-August 2011**: MRC/ESRC/NIHR Post Doctoral Fellowship in the Economics of Health, Health Economics Research Unit, University of Aberdeen, UK.
-

Research:

Top 5 Publications

1. **2021**: Simpson, J., Albani, V., Bell, Z., Bamba, C., & Brown, H. (2021). Effects of social security policy reforms on mental health and inequalities: A systematic review of observational studies in high-income countries. *Social Science & Medicine*, 113717.
2. **2021**: Brown, H.; Kirkman, S; Albani, V; Goffe, L; Akhter, N; Hollingsworth, B; von Hinke, S; & Lake, A. "The impact of school exclusion zone planning guidance on the number and type of food outlets in an English local authority: A longitudinal analysis." *Health & Place* 70: 102600.
3. **2020**: Brown, H. Understanding the role of policy on inequalities in the intergenerational correlation in health and wages: Evidence from the UK from 1991-2017. *PLoS one*.
<https://doi.org/10.1371/journal.pone.0234737>.
4. **2020**: Robinson N, MCKay J.A., Pearce M.S., Albani V., Wright C.M., Adamson A.J., Brown H. The biological and social determinants of childhood obesity: comparison of two cohorts 50 years apart. *The Journal of Pediatrics*, <https://doi.org/10.1016/j.jpeds.2020.09.031>.
5. **2019**: Robinson, T, Brown, H., Barr, B, Fraser, L, Norman, P, and Bamba, C. "The impact of New Labour's English health inequalities strategy on geographical inequalities in infant mortality: a time trend analysis" *Journal of Epidemiology and Community Health*, **73**, 564-568.

Publications

1. **2021**: Brown, H., Jesurasa, A., Bamba, C., Rankin, J., McNaughton, A., & Heslehurst, N. Assessing the relationship between Adverse Pregnancy Outcomes and Area-level Deprivation in Wales 2014-2019: A National Population Based Cross-Sectional Study. *BMJ Open*
<http://dx.doi.org/10.1136/bmjopen-2021-052330>.

2. **2021:** Alexandros, A., Fahy, K., Mason, K., Bennett, D., Brown, H., Bambra, C., Robinson-Taylor, D. & Barr, B. (2021). The impacts of cuts to local authority funding on life expectancies in England between 2013 and 2017: a longitudinal ecological study. *Lancet Public Health*. (In Press)
3. **2021:** Brown, H. & Vera-Toscano, E. Energy poverty and its relationship with health: empirical evidence on the dynamics of energy poverty and poor health in Australia. *SN Business & Economics*, 1(10), 1-34.
4. **2021:** Brown, H.; Kirkman, S; Albani, V; Goffe, L; Akhter, N; Hollingsworth, B; von Hinke, S; & Lake, A. "The impact of school exclusion zone planning guidance on the number and type of food outlets in an English local authority: A longitudinal analysis." *Health & Place* 70: 102600.
5. **2021:** Bishop, T. R., von Hinke, S., Hollingsworth, B., Lake, A. A., Brown, H., & Burgoine, T. Automatic classification of takeaway food outlet cuisine type using machine (deep) learning. *Machine Learning with Applications*, 6, 100106.
6. **2021:** van Allen, Z., Bacon, S., Bernard, P., Brown, H., Desroches, S., Kastner, M., Lavoie, K., Marques, M., McCleary, N., Taljaard, M. and Thavorn, K., 2020. Clustering of healthy behaviours in Canadians-Protocol for a multiple behaviour analysis of data from the CLSA. *JMIR Research Protocols (In Press)*.
7. **2021:** Simpson, J., Albani, V., Bell, Z., Bambra, C., & Brown, H. (2021). Effects of social security policy reforms on mental health and inequalities: A systematic review of observational studies in high-income countries. *Social Science & Medicine*, 113717.
8. **2021:** Thomson, K., Moffat, M., Arisa, O., Jesurasa, A., Richmond, C., Odeniyi, A., Bambra, C., Rankin, J., Brown, H., Bishop, J. and Wing, S. Socioeconomic inequalities and adverse pregnancy outcomes in the UK and Republic of Ireland: a systematic review and meta-analysis. *BMJ open*, 11(3), p.e042753.
9. **2021:** Kotronia, E., H. Brown, O. Papacosta, L. T. Lennon, R. J. Weyant, P. H. Whincup, S. G. Wannamethee, and S. E. Ramsay. "Poor oral health and the association with diet quality and intake in older people in two studies in the UK and USA." *British Journal of Nutrition*.
10. **2021:** Kotronia, E., Brown, H., Papacosta, A. O., Lennon, L. T., Weyant, R. J., Whincup, P. H., Wannamethee, S.G., & Ramsay, S. E. (2021). Oral health and all-cause, cardiovascular disease, and respiratory mortality in older people in the UK and USA. *Scientific Reports*, 11(1), 1-10.
11. **2020:** Simpson J, Brown H, Bell Z, Albani V, Bambra C. Investigating the relationship between changes in social security benefits and mental health: a protocol for a systematic review. *BMJ Open*, 10, 6. <http://dx.doi.org/10.1136/bmjopen-2019-035993>
12. **2020:** Brown, H. Understanding the role of policy on inequalities in the intergenerational correlation in health and wages: Evidence from the UK from 1991-2017. *PLoS one*. <https://doi.org/10.1371/journal.pone.0234737>.
13. **2020:** Mills S, Wolfson J, Wrieden W, Brown H, White M, Adams J. Perceptions of 'home cooking': a qualitative analysis from the United Kingdom and United States. *Nutrients*, 12(1), 198.
14. **2020:** Torlinska J, Albani V, Brown H. Financial hardship and health in a refugee population in Australia: a longitudinal study. *Journal of Migration and Health*. Dec 9:100030.
15. **2020:** Todd A, Thomson K, Berry R, Robinson T, Brown H, Bambra C. An examination of trends in antibiotic prescribing by area-level deprivation in England. *BMC Public Health*. In Press.
16. **2020:** Kirkman, S., Hollingsworth, B., Lake, A., Hinke, S., Sorrell, S., Burgoine, T. and Brown, H., 2020. Field validity and spatial accuracy of Food Standards Agency Food Hygiene Rating scheme data for England. *Journal of Public Health*. <https://doi.org/10.1093/pubmed/fdaa172>.
17. **2020 :** Robinson N, Brown H, Antoun E, Godfrey K, Hanson M, Lillycrop K, Crozier S, Murray R, Pearce MS, Relton CL, Albani V. Childhood DNA methylation as a marker of early life rapid weight gain and subsequent overweight. *Clinical Epigenetics*. Oct 16.
18. **2020:** Alderson H, Kaner E, McColl E, Howel D, Fouweather T, McGovern R, Copello A, Brown H, McArdle P, Smart D, Brown R, Lingam R. A pilot feasibility randomised controlled trial of two behaviour change interventions compared to usual care to reduce substance misuse in looked after children and care leavers aged 12-20 years: The SOLID study. *PLoS One*. 2020 Sep 8;15(9):e0238286. doi: 10.1371/journal.pone.0238286.
19. **2020:** Robinson N, MCKay J.A., Pearce M.S., Albani V., Wright C.M., Adamson A.J., Brown H. The biological and social determinants of childhood obesity: comparison of two cohorts 50 years apart. *The Journal of Pediatrics*, <https://doi.org/10.1016/j.jpeds.2020.09.031>.

20. **2020:** Watts PN, Rance S, McGowan V, Brown H, Bambra C, Findlay G, Harden A. The long-term health and wellbeing impacts of Healthy New Towns (HNTs): protocol for a baseline and feasibility study of HNT demonstrator sites in England. *Pilot and Feasibility Studies*, 6, 4.
21. **2019:** Brown, H., D'Amico, F., Knapp, M., Orrell, M., Rehill, A., Vale, L., & Robinson, L. (2019). A cost effectiveness analysis of maintenance cognitive stimulation therapy (MCST) for people with dementia: examining the influence of cognitive ability and living arrangements. *Aging & mental health*, 23(5), 602-607.
22. **2019:** Brown H., Munford L, Wilding A, Robinson T, Holland P, Barr B, Hill H, Regan M, Rice N, Sutton M, Bambra C. Health for wealth: decomposing the role of health on productivity in England using individual and population-level longitudinal data from the UK. *In: Lancet Public Health Conference*. 2019, Warwick, UK: The Lancet.
23. **2019:** Sniehotta FF, Evans EH, Sainsbury K, Adamson A, Batterham A, Becker F, Brown H., Dombrowski SU, Jackson D, Howell D, Ladha K, McColl E, Olivier P, Rothman AJ, Steel A, Vale L, Vieira R, White M, Wright PC, Araújo-Soares V. Behavioural intervention for weight loss maintenance vs. standard weight advice in adults with obesity: a randomised controlled trial in the UK (NULevel Trial). *PLoS Medicine*, 16(5), e1002793.
24. **2019:** Robinson, T, Brown, H., Barr, B, Fraser, L, Norman, P, and Bambra, C. "The impact of New Labour's English health inequalities strategy on geographical inequalities in infant mortality: a time trend analysis" *Journal of Epidemiology and Community Health*, 73, 564-568.
25. **2018:** Rankin, J; Brown, H.; Pemu, A; Heslehurst, N. "Perinatal health outcomes and care among asylum seekers and refugees: a systematic review of systematic reviews." *BMC Medicine*.
26. **2018:** Moradi, T., Naghdi, S., Brown, H., Ghiasvand, H., & Mobinizadeh, M. Decomposing inequality in financial protection situation in Iran after implementing the health reform plan: What does the evidence show based on national survey of households' budget?. *The International journal of health planning and management*, 33(3), 652-661.
27. **2018:** Forbes R, Ased A, Abouhajar A, Brennand C, Brown H., Carnell S, Chadwick T, Eardley I, Lecouturier J, Mossop H, Pearce I, Pickard R, Thiruchelvam N, Walton K, Wilkinson J, Harding C. ALternatives To prophylactic Antibiotics for the treatment of Recurrent urinary tract infection in women (ALTAR): study protocol for a multicentre, pragmatic patient-randomised non-inferiority trial. *Trials* , 19, 616.
28. **2018:** Frew E, Brown H., Goodman A, Platt M, Seidler E, Spetz J, McIntyre D. "Building an international health economics teaching network". *Health Economics*. 27(6).
29. **2018:** Mills, S., Adams, J., Wrieden, W., White, M., & Brown, H. Sociodemographic characteristics and frequency of consuming home-cooked meals and meals from out-of-home sources: Cross-sectional analysis of a population-based cohort study. *Public health nutrition*, 21(12), 2255-2266.
30. **2018:** Brown, H., & Pesseau, J. (2018). Work Me Not Into Temptation: Exploring the Relationship between Work and Healthy Eating in Dieters Using Data from the HILDA Survey. *Australian Economic Review*, 51(3), 368-381.
31. Pesseau J, Mackintosh J, Hawthorne G, Francis JJ, Johnston M, Grimshaw JM, Steen N, Coulthard T, Brown H., Kaner E, Elovaniio M, Sniehotta FF. "Cluster randomised controlled trial of a theory-based multiple behaviour change intervention aimed at healthcare professionals to improve their management of Type 2 diabetes in primary care." *Implementation Science* 2018, 13, 65.
32. **2017:** Mill SDH, Brown H., Wrieden WL, White M, Adams J. "Frequency of eating home cooked meals and potential benefits for diet and health: cross-sectional analysis of a population-based cohort study". *International Journal of Behavioral Nutrition and Physical Activity* , 14, 109.
33. **2017:** Brown H., Fattakhova G, Bambra C, Taylor P. "Making healthy homes? A pilot study of the return on investment from an external wall insulation intervention." *BMC Research Notes* 10, 736.
34. **2017:** Kaner, E. F.S, Beyer F.R, Garnett, C, Crane D, Brown J, Muirhead C, Redmore J, O'Donnell A, Newham JJ, de Vocht F, Hickman M, Brown H., Maniatopoulos G, Michie S. "Personalised digital interventions for reducing hazardous and harmful alcohol consumption in community-dwelling populations." *Cochrane Database of Systematic Reviews*, 9.
35. **2017:** Mills S, White M, Brown H., Wrieden W, Kwansicka D, Halligan J, Robalino S, Adams J. "Health and social determinants and outcomes of home cooking: a systematic review of observational studies". *Appetite*, 111, 116-134.

36. **2016:** Brown, H. and Biosca, O. “Time Preference, Socioeconomic Status, and Body Fatness.” *Social Science and Medicine* 158, 75-85.
37. **2016:** Brown H. “Birds of a Feather Flock Together: Correlation in BMI Categories in Long-Term Relationships”. *Australian Economic Review*, **49**(4), 453-470.
38. **2016:** Brown H., Becker F, Antwi K. “Association between lipid biomarkers, physical activity, and socioeconomic status in a population based cross-sectional study in the United Kingdom”. *Sports Medicine - Open* (2) 25.
39. **2015:** Biosca O, Brown H. “Boosting health insurance coverage in developing countries: do conditional cash transfer programmes matter in Mexico?.” *Health Policy and Planning*, 30(2), 155-162.
40. **2015:** Brown, H. and Van der pol, M. “Intergenerational transfer of risk and time preference.” *Journal of Economic Psychology*, **49**, 187-204.
41. **2015:** Evans EH, AraujoSoares V, Adamson AJ, Batterham AM, Brown H., Campbell M, Dombrowski SU, Guest A, Jackson D, Kwasnicka D, Ladha K, McColl E, Olivier P, Rothman AJ, Sainsbury K, Steel AJ, Steen IN, Vale L, White M, Wright P, Sniehotta FF. “The NULevel trial of a scalable, technology-assisted weight loss maintenance intervention for obese adults after clinically significant weight loss: study protocol for a randomised controlled trial.” *Trials* 16, 421.
42. **2015:** Mills SDH, White M, Robalino S, Wrieden WL, Brown H., Adams J. “Systematic review of the health and social determinants and outcomes of home cooking: protocol”. *Systematic Reviews*, **4**(5).
43. **2014:** Brown H., Hole AR, Roberts J. “Going the same 'weigh': spousal correlations in obesity in the United Kingdom”. *Applied Economics* **46**(2), 153-166.
44. **2014:** Brown, H. and Van der pol, M. ‘The role of time preference in the intergenerational transfer of smoking’ *Health Economics* **23**(12).
45. **2014:** Presseau J, Hawthorne G, Sniehotta FF, Steen N, Francis JJ, Johnston M, Mackintosh J, Grimshaw JM, Kaner E, Elovainio M, Deverill M, Coulthard T, Brown H. Hunter M, Eccles MP. “Improving Diabetes care through Examining, Advising, and prescribing (IDEA): Protocol for a theory-based cluster randomised controlled trial of a multiple behaviour change intervention aimed at primary healthcare professionals.” *Implementation Science* 9, 61.
46. **2013:** Brown, H. and Roberts, J. “Born to Be Wide? Examining Maternal and Adolescent Correlations in Obesity.” *Economic Letters* **120**(3), 413-415.
47. **2012:** Brown, H. and Roberts, J. Exploring the factors contributing to sibling correlations in BMI: a study using the Panel Study of Income Dynamics.” *Obesity*, 20(5); pp. 978-984.
48. **2011:** Brown, H. and Roberts, J. “Exercising Choice: The economic determinants of physical activity behaviour in a working population.” *Social Science and Medicine*, 73; pp. 383-390.
49. **2011:** Brown, H., “Marriage, BMI, and Wages: A double selection approach, *Scottish Journal of Political Economy*, 58; pp. 347-377.
50. **2011:** Brown, H. and Brown, P. “Lessons from the past: Economic and technological impacts of U.S. energy policy.” *Science Education and Civic Engagement: An International Journal*, 3; pp. 24-30.

Peer Reviewed Authored Books/Chapters:

1. **2021:** Brown, H. (2021). Engaging Distance Learners with No Economics Background in an Online Health Economics Course. Elgar Handbook on Teaching Health Economics edited by Maia Platt and Allen Goodman.
2. **2018:** Brown H. The Economics of Public Health: Evaluating Public Health Interventions. Palgrave Pivot.

Reports for a Policy Audience:

1. Bambra, C, Hayre, J., Pollock, A, Brown, H. (202). COVID-19 and health inequalities: Independent SAGE report 21
2. Bambra, C., Munford, L, Alexandros, A., Barr, B., Brown, H., Davies, H., Konstantinos, D., Mason, K., Pickett, K., Taylor, C., Taylor-Robinson, D, Wickham, S. (2020). COVID-19 and the Northern Powerhouse, Northern Health Science Alliance, Newcastle.
3. Bambra, Munford, Brown et al (2018). “Health for Wealth: Building a Healthier Northern Powerhouse for UK Productivity, Northern Health Sciences Alliance, Newcastle.

4. Antwi, K, Brown, H, and Becker, F. “Subjective access activity to sports facilities and being physically active: relationship with socioeconomic status and obesity.” *Understanding Society Insights 2015*.

Invited Presentations:

1. **2021:** Invited Presentation to Workshop on Competition and Incentives in Health Care (Helsinki, Finland): Presented on the Alliancing Approach as a Cost-Effective method delivering health care: A case study from South Shields
2. **2021:** Webinar: Exploring differences in health service usage of immigrants compared to the host population in Australia: Evidence from the HILDA. Lancaster University: Health Economics Group
3. **2020:** Webinar: Evaluating the food environment and its economic and health impacts. University of Aberdeen
4. **2019:** Webinar: Two statistical techniques for evaluating natural policy experiments in public health. Health Service Research Association Australia and New Zealand
5. **2019:** Intergenerational Persistence of Poor Health and Poverty: Melbourne Institute and Monash University
6. **2016:** Health Shocks and Labour Market Outcomes. Leeds University, Academic Health Economics Unit.
7. **2013:** Time preference and smoking. Edinburgh University Economics Department
6. **2013:** Role strain and well-being. Aberdeen University, Health Economics Group.
7. **2012:** Birds of a feather flock together: The role of marriage duration on correlations in partner obesity. Birmingham University, Health Economics Group

Grants, Scholarships, and Awards:

Principal Investigator:

1. **2021-2022.** Evaluating the impact of Supplementary Planning Documents on Health Inequalities in the North East of England. National Institute of Health Research: Applied Research Collaboration North East and North Cumbria. £90,250.00. Co-PI with Viviana Albani, Newcastle University. Awarded October 2020.
2. **2019-2020.** The Determinants of Inequalities in Birth Outcomes in Wales. Public Health Wales. Approximately £60,000. Co-PI with Nicolas Heslehurst Newcastle University.
3. **2019-2020:** Improved use of routine data to assess and evaluate food environments. National Institute of Health Research: School for Public Health. £84,104.45. Co-PI-with Thomas Burgoine Cambridge.
4. **2018-2019.** Understanding Society Policy Fellowship: Exploring the Intergenerational Transmission of Health and Income. £57,202.00
5. **2016-2017:** Evaluation of the Stockton on Tees ECO scheme. Stockton-on-Tees Borough Council. £40,915
6. **2009-2011.** The Intergenerational Transfer of Eating Habits, Physical Activity Behaviour, and Body Composition: Evidence from the UK. Early Career Post Doctoral fellowship in Economics of Health, Medical Research Council/Economic and Social Research Council/National Institute of Health Research. £127,308.
7. **2006-2009:** Health Economics and Decision Science PhD Studentship, University of Sheffield
8. **2004-2005:** Masters Scholarship, University of Nottingham Scholarship.

Co-Investigator:

1. **2021-2025:** Craig P, Bambra C, Brown H, Munford L, Cheetham M, Wickham S, Barr B, Taylor-Robinson D, Richiardi M, Sutton M, Katikireddi S, Moffatt S. Evaluation of the health impacts of Universal Credit: a mixed methods study. NIHR. £1,574,835.68
2. **2020-2022:** McGovern R, Christie A, Arnott B, Brown H, Hardy C, Harrison H, Kaner E, Mawson C, McGovern W, Phillips P, Rankin J, Spencer L. (2020) Public Health Practice Evaluation: Best Start in Life Alliance. NIHR SPHR. £214,299.75
3. **2019-2020:** Freeman, T., Baum, F., Bambra, C., Gesesew, H., & Brown, H. (2019). What is the relationship between a nation's wealth and health inequities? Flinders Foundation Seed Grant, \$24,439 (AUS).
4. **2020:** Adamson, A., Brown, H. Fuse Places and Communities work stream A WP2: Quantifying

- and evaluating impact of different investment strategies at local level. £5,773.51
5. **2018:** Productivity and the North South Health Divide. Northern Health Service Alliance. £14,244.12. Co-applicant.
 6. **2018-2019.** The long-term health and wellbeing impacts of Healthy New Towns: a baseline and feasibility study. National Institute of Health Research. £11,117.03. Co-applicant.
 7. **2015-2020.** Alternatives To prophylactic Antibiotics for the treatment of Recurrent urinary tract infections in women (ALTAR study). National Institute of Health Research HTA Commissioned Call. £874,398.82. Co-applicant.
 8. **2014-2015.** NHS 111 Service Evaluation. Co-applicant. £289,434.43.
 9. **2014-2017.** Social Science Perspective on the Working Lives of Those With Cancer: Psychosocial, Organisational and Economic Perspectives. ESRC Research Seminars. £5,638. Co-applicant.
 10. **2014-2016.** A feasibility study of using an immersive virtual reality environment to reduce anxiety in children with autism spectrum disorder. £191,581. Co-applicant
 11. **2013-2017.** Reducing Alcohol Related Harms in an English Context. NIHR School of Public Health Research. £179,322. Co-applicant.
 12. **2013-15.** Phase 2 research to support the evaluation and implementation of adult cooking skills interventions in the UK: pilot RCT with process and economic evaluation components. Department of Health, Public Health Research Consortium. £258,460.00. Co-applicant.
 13. **2011-2015.** Development and stage 2 RCT with internal pilot of a weight loss maintenance intervention for obese adults after clinically significant weight loss. Medical Research Council. £615,011.00. Co-applicant.

Travel grants:

1. **2019:** Wellcome Trust Broadening our Horizons Research Visit Travel Grant to Monash University and Melbourne Institute, University of Melbourne in Australia.
2. **2010:** Panel Study of Income Dynamics with support from National Institute of Aging (US)

Awards and Prizes

3. **2010:** Cairncross Prize for Best Paper. Award presented at Scottish Economic Society Annual Conference for the paper, “Marriage, BMI, and Wages: A double selection approach” (£1000)

Research Supervision:

PhD Supervision

- 2020-2024:** Pauline Sobiesuo: Dental health and co-morbidities in older people. BBSRC funded studentship.
- 2019-2023:** Mohammed Alzaharni Saudi Arabian Government Funded PhD studentship: Productivity and management of healthcare system in Saudi Arabia
- 2019-2023:** Sarah Darbyshire-Evans. CHAIN – Centre for Global Health Inequalities Research funded studentship. *Investigation the role of economic factors on global health inequalities*
- 2019-2023:** Julija Simpson ESRC funded PhD student: *Evaluating the Impact of Welfare Reform on Mental Health*
- 2016-2022:** Augustina Pemu ESRC funded studentship: *Costs and Pregnancy Outcomes of Refugee and Asylum Seeker Women in the UK* (Second Supervisor).

Completed PhD students:

- 2018-2021:** Eftychia Kotronia FMS Funded PhD student: *Oral Health and Age Related Health Outcomes and Costs*. (Second Supervisor). Minor corrections 6 months viva in July 2021
- 2015-2019:** Natassia Robinson BBSRC funded studentship: *DNA methylation as a mediating mechanism linking early-life events and subsequent obesity: utilising novel approaches in life-course epidemiology*. (First Supervisor). Minor corrections 6 months viva in November 2019
- 2014-2017:** Susanna Mills NIHR doctoral fellowship: *A mixed methods programme of study on the determinants and health outcomes of home food preparation* (Second Supervisor). No Corrections. Susanna won best thesis prize from the Faculty of Medical Sciences.
- 2013-2017:** Tomas Robinson Health Foundation Studentship: *Exploring Inequalities in Child Cognitive Ability, Psychological Well-Being and Risky Health Behaviours*. (Second Supervisor). Minor Corrections 1 month
- 2013-2017:** Matthew Little Health Foundation Studentship: *Financial Expectations and Health*. (First Supervisor). Minor Corrections 6 months viva in March 2018.

Masters Supervision:

2021: Esther Moore: Masters of Public Health: *Understanding the determinants of differences in disability-free life expectancy across the North of England*

2021: Rosie Stuart: Masters of Public Health: *Understanding inequity in access to abortions across England*

2021: Oyinade Adeshina: Masters of Public Health: *Is there enough to go around? A Qualitative study exploring how the voluntary food sector is coping in their approach to gathering and distributing food amidst the covid-19 crisis in the North East of England.*

2021: Georgia Bell: Master of Public Health: *Exploring the relationship between life expectancy and area level deprivation in England*

2021: Amy-Jo Crulley: Masters in Pharmacy: *Understanding regional differences in drug-related deaths in England and Wales*

2019: Joanna Torlinska: Masters of Public Health: *Investigating the Impact of Financial Strain on the Health of Asylum Seekers and Refugees*

2019: Charlotte Kennedy: Masters of Health Economics: *The role of Time Preference in Correlated Smoking in Couples*

2019: Sam Harper: Masters of Health Economics: *Understanding the health paradox of rural areas in England?*

2018: Louise Gray: Masters of Public Health: *Exploring Clustering of Unhealthy Hot Food Outlets Near Schools in England*

2018: Ben Walker: Masters of Health Economics: *Investing in the Future: Exploring the Relationship between Childhood Physical Activity and Adult Economic Outcomes*

2016: Tafadzwa Patience Kunonga. Masters of Public Health: *Effectiveness, Costs and Cost Effectiveness of Alcohol Interventions for Older People: A Systematic Review.*

2015: Kofi Antwi. Master of Public Health. *Subjective Access to Physical Activity Facilities and Physical Activity Relationship with socioeconomic status*

2015: Neil Davies: Master of Health Economics. *The Proof is in the Pudding: The association between body fatness and workplace discrimination*

Undergraduate Dissertations:

2021: Luiza Ferreira BSc in Biomedical Sciences: *Estimating the impact of Covid-19 on mental health: a longitudinal quantitative analysis of the UK population*

2021: Evanthe Ooi. BSc in Biomedical Sciences: *What are the risk factors for food insecurity from the Covid-19 pandemic?*

2021: Emily Breslin. BSc in Biomedical Sciences: *Health Service Usage of Immigrants compared to Host Population in Australia*

2021: Alice Jones, BSc in Psychology: *Using existing evidence from the Understanding Society Survey to inform the development of a sustainable transport intervention to reduce intervention generated inequalities*

2021: Charlotte Wallbank, BSc in Psychology: *Exploring the relationship between resilience, mental health, and age during the Covid-19 pandemic: Using a cross-sectional study from Understanding Society COVID-19 dataset*

2021: William Patterson, BSc in Nutrition: *Investigating the impacts of the Covid-19 pandemic to the food landscape in Newcastle-upon Tyne*

2020: Thomas Brogden. BSc in Biomedical Sciences: *Does socioeconomic status modify the association that change in marital status has on the mental health of children?*

2020: Richard Martin. BSc in Biomedical Sciences: *Comparing Health Service Usage of Immigrants, Asylum Seekers, and Refugees, and the host population in Australia*

2019: Lucy Barrass. BSc in Biomedical Sciences: *Comparing financial stress in immigrants and the host population in Australia*

2019: Isabel Sharp. BSc in Biomedical Sciences: *Exploring the Association between Types of Physical Activity and Socio-economic Status in the UK: Using Data from the Understanding Society Survey*

2018: Deenu Nathan. BSc in Biomedical Sciences: *Exploring the Association Between Physical Activity and Marital Status by Socioeconomic Status.*

2018: Christy Hunter. BSc in Biomedical Sciences: *Exploring the Association between Socioeconomic Status and Smoking Cessation using Data from the Household, Income and Labour Dynamics in*

Teaching:

CPD: *Evaluation Methods for Public Health Interventions:* Developed a one day CPD course for researchers, practitioners, and PhD students on the basics of econometric methods used for policy evaluation of public health interventions. The course has been delivered two times and attracted 11 students in each cohort. The course was going to be delivered to staff at Public Health England but was postponed because of the Covid-19 pandemic.

Health Economics at the Masters Level: Developed a one semester e-learning module in health economics for students undertaking an MSc in Oncology and Palliative Care. This module has been running for 7 years. The activities associated with the module were presented at the International Health Economics Conference in Boston, USA in July 2017. These activities have been adapted and used by other instructors in the USA. Two activities: 1) Markets and 2) Economic Evaluation have been developed into a book chapter for an Elgar Handbook of Health Economics which should be available by the end of 2020.

Developed a one semester module on health economics for Masters in Public Health.

2019-2024: External Examiner for University of South Wales. I am the external examiner for the University of South Wales Masters in Health Economics. This role involves quality assurance of the course and discussing areas for improvement and highlighting best practice.

2020: External Examiner for PhD viva: Kathryn Breheny, University of Birmingham: *Evaluating the cost-effectiveness of school-based public health interventions. Exploring the schools' perspective*

2020: External Examiner for PhD viva, Funsho Koladeernest, University of Aberdeen, *The effect of early life circumstances on later life outcomes.*

2018: External Examiner for PhD viva: Irinia Myers at Heriot-Watt University, Edinburgh: *Three Empirical Papers on Health Economics*

2018-Present: PEC (Personal Extenuating Circumstances Committee) for Faculty of Medical Sciences. Part of a team of 4 academics who decide if postgraduate students across the faculty should receive extensions or considerations of circumstances on their marks.

Research Leadership

2021-2022: Guest Associate Editor *Frontiers in Public Health*, Life Course Epidemiology and Social Inequalities in Health

2020-2021: Equality, Diversity and Inclusion lead for the Faculty of Medical Sciences, Newcastle University

2019-2021: Research Theme Lead, Health Inequalities, Fuse: Centre for Translational Research in Public Health- a regional organisation to promote translational research in public health

2018-date: Convenor Special Interest Group: Teaching Health Economics, International Health Economics Association. An international organisation to promote best practice in teaching health economics.

Scientific Committees/Advisor:

2020: Advisor: Doctors of the World project on evaluating the impact of service charges for some migrant groups on pregnancy outcomes of asylum seekers and refugees in London

2020: Reviewer: European Health Economics Association Biannual Conference, Oslo, Norway (conference cancelled)

2018: Reviewer: European Health Economics Association Biannual Conference, Maastricht, Netherlands.

2014-2016: Co-Chair with Dr John Houston (Glasgow Caledonian University) Scientific Committee for Scottish Economic Society Annual Conference

Reviewer for Funding Councils and Journals:

Referee: Social Science and Medicine, Economics and Human Biology, Health Economics, European Journal of Public Health, European Journal of Health Economics, BMC public health, Drug and Alcohol Dependence, Review of Economics of the Household, Applied Economics, Addiction, and BE. Journal of Economic Analysis and Policy. Review of Economic and Statistics

Reviewer for funding proposal from: ESRC, MRC, NIHR Health Service and Delivery Programme and Public health

Professional Development and Membership:

Academic Societies

2017-Present: Member of International Health Economics Association

2012-2018: Council Member of Scottish Economic Society

2008-Present: Member Health Economics Study Group

2011: *Reviewer:* CES-HESG Scientific Committee for conference in January 2012.

Policy and Practice:

2018-2021: Volunteer Research Coordinator for Citizen's Advice Northumberland.

Maternity Leave

- February 2014-October 2014
- May 2016-January 2017