



CALUM WEBB

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PROGRAMMING SKILLS

5 Years Experience in **R**
6 Years Experience in **Mplus**
7 Years Experience in **SPSS**
6 Years Experience in **STATA**
9 Years Experience **MS Excel**

METHODS TRAINING/SKILLS

General Linear Regression Models
Mediation and Moderation Analysis
Factor Analysis
Statistical Reliability & Validity Testing
Measurement Invariance Testing
Structural Equation Modelling
Latent Growth Curve Modelling
Cluster Analysis
Multilevel Modelling
Advanced Spatial Regression Analysis
Multiple Imputation Methods for Missing Data
Social Network Analysis
Iterative Mixed Methods Design
Mixed Methods Case Study Design
Coproduction and Participatory Research Design
Research Ethics and Integrity

CITATION STATISTICS

Number of publications: 18
(2 forthcoming)
Citations since 2014: 130
h-index: 5
i10-index: 3

SELECT PUBLICATION

Webb, C. & Bywaters, P. (2018)
Austerity, rationing and inequity: trends
in children's & young peoples' services
expenditure in England between 2010
and 2015. *Local Government
Studies*.

Sociologist and data scientist looking to put the power of data into the hands of people who need it most. I've created statistically sound measures of multidimensional poverty that blend the material with the social and psychological; led research using cutting-edge multilevel spatial analyses of children's social services interventions; and implemented low-cost data management and visualisation tools in the third sector and public sector.

I want to build useful things and do helpful research in partnership with people whose voices aren't heard.

EDUCATION

The University of Sheffield Oct. 2015 - Jul. 2019
PhD Sociology

Thesis: Constructing a reliable and valid measure of multidimensional poverty. Awarded without corrections. ESRC White Rose Scholarship.

The University of Sheffield Oct. 2014 - Oct 2015
MA Social Research Methods Distinction

Dissertation: Children's outcomes and labour market activation: the potential of structural equation modelling and multivariate statistics for evidence based policy making. ESRC White Rose Scholarship.

The University of Sheffield Oct. 2011 - Sept. 2014
BA(Hons) Sociology First Class

EMPLOYMENT

The University of Sheffield Feb 2015 - Present
Research Associate & University Teacher

- Worked in partnership with Sheffield City Council to develop a policy learning tool for anti-poverty policy design.
- Led analysis of children's services expenditure data in England and quantitative mixed methods lead for English case studies on the £0.55million Nuffield Foundation funded research project.
- Led analysis of survey data for the Family Rights Group's Care Crisis Review.
- Consultant methodologist for £0.26million research project analysing drivers of demand and socioeconomic inequalities in progression through the child protection system.
- Developed the Child Welfare Inequalities Project App (www.cwip-app.co.uk) to consolidate and visualise children's services data in an open source Shiny application.
- Developed the Anti-Poverty Practice Guide for Social Work with the British Association of Social Workers.
- Associate Fellow of the Higher Education Academy.
- Published journal articles in high impact journals, with one article (Webb & Bywaters 2018) being in the top 1% of articles shared online.
- Co-founded the Artificial Intelligence in Housing, Welfare, and Social Care Network (ai-hows.sheffield.ac.uk).

FUNDING AWARDS & PROJECTS

2019

Knowledge Exchange, the University of Sheffield
AI in Housing, Welfare, and Social Care Extending Participation Funding
£1,470
PI

iHuman, Sheffield
Shaping the next generation of AI-enhanced social housing and social care systems (seed funding)
£4,800
Co-I

The University of Sheffield Higher Education Impact Fund
The Child Welfare Inequalities Project App (CWIP App)
£9,981
PI

Sheffield University Students' Union
Understanding the needs of Chinese students on postgraduate taught programmes
£1,000
PI

Nuffield Foundation (Supplementary Grant)
Re-analysing the CWIP quantitative data set using multilevel modelling
£35,400
Co-I

2018

Crook Public Service Fellowship
Care Proceedings in England: The Case for Clear Blue Water
RA

Nuffield Foundation
Care Crisis Review
RA

Nuffield Foundation
Identifying and understanding the link between system conditions and welfare inequalities in statutory children's social care services
£263,652
Consultant

2015

Innovation, Impact and Knowledge Exchange (IIKE) Collaborative R&D Award
Developing a policy learning tool for anti-poverty policy design and assessment.
£12,722
Co-I, RA

Nuffield Foundation
Identifying and Understanding Inequalities in Child Welfare Intervention Rates (Child Welfare Inequalities Project)
£557,705
RA

2014

ESRC 1+3 White Rose DTC PhD Scholarship
Constructing a Valid and Reliable Multidimensional Measure of Poverty
PI

CONFERENCE PAPERS

2019

Research in Practice: Link Officer's Annual Meeting 2019
The Child Welfare Inequalities App.

European Conference for Social Work Research 2019
Does social work reinforce inequalities? Findings from the Child Welfare Inequalities Project.

2017

Sociological Studies Annual Postgraduate Research Conference: Branching Out.
Presenter: 'Where the Axe Falls: Trends in Children's and Young Peoples' Services Expenditure in Austerity'.

2016

Sociological Studies PGR Annual Conference: Breaking Boundaries.
Researching concepts quantitatively: The use of latent variable modelling for measuring multidimensional poverty.

Leeds Centre for Interdisciplinary Childhood & Youth Research (LCYR): Child and Youth poverty: contexts, concepts and consequences
Complex Inequality & Education Policy: The case of the 'North-South divide' in School Results in England.

PUBLICATIONS

2019

BASW & CWIP (**Webb, C.**, Boahen, G. & Morris, K.). (2019) The Anti-Poverty Practice Guide for Social Work. British Association of Social Workers. 4th September 2019.
<https://www.basw.co.uk/what-we-do/policy-and-research/anti-poverty-practice-guide-social-work>

Webb, C. & Thomas, R. (2019) The Child Welfare Inequalities App. www.cwip-app.co.uk

Mason, W., Morris, K., **Webb, C.**, Daniels, B., Featherstone, B., Bywaters, P., Mirza, N., Hooper, J., Brady, G., Bunting, L., Scourfield, J. (2019). Investigating child welfare inequalities: a multisite mixed methods case study. Journal of Mixed Methods Research.
<https://doi.org/10.1177/1558689819857972>

Sen, R., **Webb, C.** (2019) Exploring the potential of Restorative Practice and FGCs to reduce rates of social work intervention. Children and Youth Services Review. 106, 104458
<https://doi.org/10.1016/j.childyouth.2019.104458>

Webb, C. (2019) The Troubled Families Programme: What kinds of projects does DCLG policy incentivise? Unpublished Confidential Briefing Paper.

2018

Bywaters, P., Scourfield, J., **Webb, C.**, Morris, K., Featherstone, B., Brady, G., Jones, C., Sparks, T. (2018) Paradoxical evidence on ethnic inequities in child welfare: Towards a research agenda. Children and Youth Services Review. <https://doi.org/10.1016/j.childyouth.2018.11.042>

Trowler, I., supported by White, S., **Webb, C.**, Leigh, J. T. (2018) Care Proceedings in England: The Case for Clear Blue Water. The University of Sheffield, Crook Public Service Fellowship.

Webb, C., Heneghan, M., Sehmar, P., Morris, K. (2018) Care Crisis Review: Professionals survey results. Family Rights Group.

Webb, C., Heneghan, M., Sehmar, P., Morris, K. (2018) Care Crisis Review: Care-experienced young people and adults survey results. Family Rights Group.

Webb, C., Heneghan, M., Sehmar, P., Morris, K. (2018) Care Crisis Review: Family survey results. Family Rights Group.

PUBLICATIONS (CONT.)

2018 (cont.)

Sen, R., Morris, K., Burford, G., Featherstone, B., & **Webb, C.** (2018) 'When you're sitting in the room with two people one of whom... has bashed the hell out of the other': Possibilities and challenges in the use of FGCs and restorative approaches following domestic violence. *Children and Youth Services Review*. <https://doi.org/10.1016/j.childyouth.2018.03.027>

Bywaters, P. & **Webb, C.** (2018) There is clear evidence that links deprivation, expenditure and quality in children's services. *Community Care*.
<http://www.communitycare.co.uk/2018/02/07/clear-evidence-links-deprivation-expenditure-quality-childrens-services/>

Webb, C. & Bywaters, P. (2018) Children's Services Spending: Where has the axe fallen? INLOGOV Blog. <https://inlogov.com/2018/02/07/childrens-services-spending-where-has-the-axe-fallen/>

Webb, C. & Bywaters, P. (2018) Austerity, rationing and inequity: trends in children's & young peoples' services expenditure in England between 2010 and 2015. *Local Government Studies*.
<https://doi.org/10.1080/03003930.2018.1430028>

Morris, K., Mason, W., Bywaters, P., Featherstone, B., Daniel, B., Brady, G., Bunting, L., Hooper, J., Mirza, N., Scourfield, J., **Webb, C.** (2018). Social work, poverty, and child welfare interventions. *Child & Family Social Work*. <https://doi.org/10.1111/cfs.12423>

Mason, W., Mirza, N., & **Webb, C.** (2018) Using the Framework Method to Analyze Mixed-Methods Case Studies. *SAGE Research Methods Cases*. <https://dx.doi.org/10.4135/9781526438683>

2017

Bywaters, P., Brady, G., Bunting, L., Daniel, B., Featherstone, B., Jones, C., Morris, K., Scourfield, J., Sparks, T., **Webb, C.** (2017). Inequalities in English child protection practice under austerity: A universal challenge? *Child & Family Social Work*. <https://doi.org/10.1111/cfs.12383>

Bywaters, P., **Webb, C.**, & Sparks, T. (2017). Ofsted ratings do reflect local authority deprivation and spending. *Community Care*. <http://www.communitycare.co.uk/2017/01/18/ofsted-ratings-reflect-local-authority-deprivation-spending/>