

## Mark Fransham BA (Hons) MSc DPhil

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### Research interests and experience

- The drivers and consequences of spatial economic inequality in high income countries, within and between cities and regions
- Doctoral research on *neighbourhood income poverty dynamics in England*: the spatial distribution of income poverty and the relationships between neighbourhood change, poverty dynamics and residential mobility
- Population statistics methodology including estimation, projections and small area methods using Census and administrative data
- Communication of statistics through data visualisation
- A wide range of additional interests and experience from 14 years research experience prior to doctoral study, including youth justice, health, housing, homelessness, demographic change, local economic analysis, inequalities, area deprivation and social exclusion, and the implications for social policy
- Quantitative methods including segregation indices, longitudinal analysis and multilevel / random effects models
- Utilising a wide range of data sources including aggregated small area statistics, longitudinal survey data and administrative data
- Prior experience in semi-structured interviewing and contributing to mixed methods evaluation research

### Education & qualifications

2015-2018	School of Geography & the Environment, University of Oxford DPhil in Geography & the Environment Thesis title: “ <i>Understanding neighbourhood income poverty dynamics in England</i> ” Supervisors: Danny Dorling (University of Oxford), Rachel Loopstra (King’s College London) Passed without corrections
2000-2002	Department of Social Policy and Social Work, University of Oxford MSc Applied Social Studies / Diploma in Social Work
1995-1998	St Catherine’s College, University of Oxford BA Hons Physics 2:1
1988-1995	Henbury High School, Macclesfield A-levels: Physics (A), Mathematics (A), Chemistry (A), General Studies (A); S-level: Physics (Distinction); 9 GCSEs: 8 grade A, 1 grade B

### Employment

2020-	Departmental Lecturer in Quantitative Methods, Department of Social Policy & Intervention, University of Oxford <ul style="list-style-type: none"><li>• Quantitative methods teaching to MSc students</li><li>• Methods support to DPhil students</li><li>• Supervision of MSc students</li></ul>
2018-2020	Research Officer, International Inequalities Institute, London School of Economics & Political Science <ul style="list-style-type: none"><li>• Quantitative research to support a mixed-methods study of inequality in four English towns. Principal Investigators: Mike Savage, David Soskice, Aaron Reeves</li><li>• Analysis of spatial economic inequalities within and between labour market areas in the UK</li><li>• With David Soskice as convenor, acting as coordinator of an emerging cross-departmental research theme on ‘cities, jobs and the knowledge economy’</li><li>• Contributing to Institute functions including chairing seminars and editing working papers</li></ul>
2007-2016	Social Statistics Officer, Oxford City Council <ul style="list-style-type: none"><li>• Statistical support to the Council, partner organisations and members of the public across a wide range of policy areas, as part of a busy policy team</li></ul>

- Developed creative methods for presenting and visualising local statistics including *Chart of the month*, the Oxford annual profile and an automated small area profiles tool
  - Developed, hosted and managed a social statistics service for four other local councils
  - Represented local government in discussions with the Office for National Statistics about demographic statistics, as co-chair of the LGA CLIP Population sub-group
- 2005-2007      Policy Officer (Social Inclusion & Health Inequalities), Oxford City Council
- Responsible for local analysis of poverty, social exclusion and health inequalities
  - Developed the Council's Social Inclusion Strategy
- 2004-2005      Cancer Information Analyst, Oxford Cancer Intelligence Unit
- Analytical support to users of cancer registry and treatment audit data.
- 2002-2004      Research & Evaluation Officer, Nacro
- Community safety & criminal justice research, with specialism in youth justice
  - Responsibilities included research design, writing funding bids, research design, conducting interviews, data analysis and presenting findings
- 2001-2002      Research Interviewer, Centre for Criminological Research, University of Oxford
- 1999-2000      Volunteer Teacher & Community Development Worker, Development Education Society (DEEDS), Bangalore, India
- 1998-1999      Volunteer Coordinator, FOCUS (charity working with young people and disabled adults)

#### Peer reviewed publications

- Koch, I., Fransham, M., Cant, S., Ebrey, J., Glucksberg, L. and Savage, M. (forthcoming) Social polarisation at the local level: a four-town comparative study on the challenges of politicising inequality in Britain. *Sociology*.
- Fransham, M. (2020) Neighbourhood gentrification, displacement, and poverty dynamics in post-recession England, *Population, Space and Place*, e2327, <https://doi.org/10.1002/psp.2327>
- Fransham, M. (2019) Increasing evenness in the neighbourhood distribution of income poverty in England 2005–2014: Age differences and the influence of private rented housing, *Environment and Planning A: Economy and Space* 51(2), 403–419. <https://doi.org/10.1177/0308518X18792569>
- Fransham, M. (2019) Income and Population Dynamics in Deprived Neighbourhoods: Measuring the Poverty Turnover Rate Using Administrative Data, *Applied Spatial Analysis and Policy* 12(2), 275-300, <https://link.springer.com/article/10.1007/s12061-017-9242-6>

#### Other publications

- October 2019      Koch, I., Fransham, M., Cant, S., Ebrey, J., Glucksberg, L. and Savage, M. (2019) Social polarisation at the local level: a four-town comparative study. Working Paper (37). International Inequalities Institute, London School of Economics and Political Science, London, UK
- January 2018      Fransham, M., & Dorling, D. (2018). *Homelessness and Public Health*. British Medical Journal, 360, k214. <https://doi.org/10.1136/bmj.k214>
- May 2017      Fransham, M., & Dorling, D. (2017). *Have mortality improvements stalled in England?* British Medical Journal, 356, j1946. <http://doi.org/10.1136/bmj.j1946>
- April 2017      Fransham, M., & Dorling, D. (2017, April 8). Oxford academics: “House prices can keep rising only if the Government backs mass buy-to-let.” The Telegraph. London. (<http://www.telegraph.co.uk/investing/buy-to-let/oxford-academics-house-prices-can-keep-rising-government-backs/>)
- February 2015      *Our changing city: social trends in Oxford*. Leaflet for Oxford Strategic Partnership

([https://www.oxford.gov.uk/info/20238/oxfords\\_economy/944/social\\_trends\\_in\\_oxford](https://www.oxford.gov.uk/info/20238/oxfords_economy/944/social_trends_in_oxford))

October 2012	<i>Wrong! The reporting of statistical error</i> : Article for Significance Magazine online
June 2012	<i>Oxford's population – think of a number</i> : Article for Significance Magazine online
2010-2016	71 editions of <i>Chart of the Month</i> for Oxford ( <a href="https://www.oxford.gov.uk/chartofthemonth">https://www.oxford.gov.uk/chartofthemonth</a> )
2004	Fransham, M. and Johnston, V. (2004) <i>Drugs, young people and service provision: findings on needs and services</i> , Nacro Research Briefing 6
2003	Pitcher et al. (2003) <i>Research into Young People's Needs and Evaluation of Drug and Alcohol Services for Young People in Birmingham</i> ( <a href="http://tinyurl.com/ouxqzdb">http://tinyurl.com/ouxqzdb</a> )

#### Academic conference presentations

September 2018	“Neighbourhood gentrification and residential mobility in post-recession England: direct or indirect displacement?”. Paper given at the British Society for Population Studies conference, University of Winchester
August 2018	“The neighbourhood geography of income poverty dynamics and the implications for area-based policy”. Paper given at the Royal Geographical Society conference, University of Cardiff
July 2018	“Neighbourhood income poverty dynamics in England 2010-2014: the implications for area-based anti-poverty initiatives”. Paper given at the Social Policy Association conference, University of York
September 2017	“Income and population dynamics in deprived neighbourhoods: measuring the poverty turnover rate using administrative data”. Paper given at the British Society for Population Studies conference, University of Liverpool
June 2017	“Local poverty dynamics: creating a small area indicator from administrative data”. Paper given at the Administrative Data Research Network conference, University of Edinburgh ( <a href="https://www.youtube.com/watch?v=Knob8JxQxBU">https://www.youtube.com/watch?v=Knob8JxQxBU</a> )
September 2016	“Measuring the Impact of Demographic Statistics and Research” – panel member for discussion. British Society for Population Studies conference, University of Winchester

#### Other presentations and seminars

October 2019	“Growth and inclusion in Oxford: past experiences and current challenges”. Presentation at Oxfordshire Inclusive Growth seminar panel alongside Brian Nolan, Will Hutton and Ed Cox
March 2019	“A tale of two towns: What Oldham and Oxford tell us about spatial inequality in Britain”. LSE International Inequalities Institute seminar series <a href="http://www.lse.ac.uk/International-Inequalities/Videos-Podcasts/Inequalities-Seminar-A-tale-of-two-towns-what-the-fortunes-of-Oldham-and-Oxford-tell-us-about-spatial-inequality-in-Britain">http://www.lse.ac.uk/International-Inequalities/Videos-Podcasts/Inequalities-Seminar-A-tale-of-two-towns-what-the-fortunes-of-Oldham-and-Oxford-tell-us-about-spatial-inequality-in-Britain</a>
November 2018	“Neighbourhood gentrification and residential mobility in post-recession England: direct or indirect displacement?”. Presentation to the Greater London Authority Social Exclusion Data Users Group
October 2017	“Local poverty dynamics in Oxford”. Presentation at Oxford Citizens' Advice Bureau AGM
October 2017	Evidence given to <i>Oxford Living Wage Review Group</i> , Oxford Town Hall
May 2017	“Local poverty dynamics in Oxford”. Public presentation at Oxford Town Hall
February 2017	“Changing deprivation in East London”. Presentation at Centre for East London Studies (University of East London) seminar: “Towards an understanding of the changing nature of deprivation in East London” <a href="http://www.geog.ox.ac.uk/news/articles/170320-changing-">http://www.geog.ox.ac.uk/news/articles/170320-changing-</a>

[deprivation.html](#)

September 2016	Co-convenor of day-long workshop “Data Science for Local Government” <a href="http://oxfordsmartcity.uk/cgi-bin/blog/Workshop - Data Science for Local Government">http://oxfordsmartcity.uk/cgi-bin/blog/Workshop - Data Science for Local Government</a>
July 2016	“Overview of local statistics on child poverty”. Presentation at <i>Brighter Futures in Banbury</i> .
February 2015	“The state of the city: population, jobs, housing and the social divide”. Presentation to Oxford Strategic Partnership open public event.
February 2014	“The state of the city: demographics, economy, housing and inequality”. Presentation to Oxford Strategic Partnership open public event.
October 2013	“Beyond 2011: A local authority perspective”. Presentation at <i>The Future of Small Area Population Statistics</i> , Royal Geographical Society, London ( <a href="http://tinyurl.com/og5kkdo">http://tinyurl.com/og5kkdo</a> )

#### Academic awards and funding

2015	3 year joint ESRC/EPSRC studentship, Social Sciences Doctoral Training Centre, University of Oxford
1996	Scholarship for Distinction in 1 <sup>st</sup> year examinations (“Prelims”), St Catherine’s College, University of Oxford
1995	Recognition for achieving one of the top five highest marks in England for A-Level Mathematics

#### Media appearances

You and Yours, Radio 4, 30 January 2018. Live radio interview about homelessness and health.  
<http://www.bbc.co.uk/programmes/b09pjghh>

Bradford Community Broadcasting, 30 January 2018. Live radio interview about homelessness and health.

BBC South Today, BBC One, 5 January 2011. Live television interview about child poverty in Oxford.

#### Advisory positions

2016 -	UK Population Theme Advisory Board, Office for National Statistics
•	Provide advice to the Office for National Statistics on improving the quality of population statistics and demographic analysis, and review the UK-wide population theme work programme
2013 – 2015	Local Authority Co-Chair, Local Government Association CLIP Population Subgroup
2012 – 2015	Local authority member
•	Commented on methodology and procedures used by ONS when producing national and local population statistics, and facilitated communication between producers and users of statistics
2008-2010	Chair, Oxfordshire Data Observatory
•	Partnership between six local authorities and NHS to jointly commission statistical outputs and analysis

#### Quantitative methods training

March 2020	Statistical Analysis with Missing Data, London School of Economics & Political Science
November 2019	Introduction to survival analysis, CeLSIUS, University College London
July 2019	Small area estimation using R and Stat-JR, Centre for Multilevel Modelling, University of Bristol
May 2018	Statistical simulation in theory and in practice, Oxford University Department of Education Summer School in Advanced Quantitative Methods

July 2017	Longitudinal data analysis, University of Southampton
May 2017	Structural equation modelling including longitudinal and multilevel approaches, Oxford University Department of Education Summer School in Advanced Quantitative Methods
March 2017	Spatial interaction modelling, University of Manchester
April 2016	Introduction to Understanding Society using Stata, University of Essex
April 2016	Panel data analysis, University of Oxford
April 2016	Advances in causal inference, University of Oxford
March 2016	Introduction to data linkage, Administrative Data Research Network
January 2016	Intermediate social statistics (methods for causal inference), University of Oxford
October 2015	Agent-based modelling, University of Oxford
2004	M346 Linear Statistical Modelling module (Distinction), Open University

### Teaching experience

October 2019 –

Lecturer on Quantitative Methods module of MSc in Evidence-Based Social Intervention and Policy Evaluation, Department of Social Policy and Intervention, University of Oxford

- Practical computer-based labs taught using R, class of approximately 30 students
- Topics include introduction to R and RStudio, descriptive statistics, visualisation, multiple linear regression, inference, logistic regression
- Responsible for marking formal summative assignment, acting as a University examiner

July 2019

Lecturer on LSE Masterclass ‘Inequality and Social Cohesion: A Global Perspective’ for Fundacion Ramon Areces, Madrid

- One day course on spatial inequality (trends, causes and consequences for social cohesion) delivered to 30 participants, mainly researchers and public policy makers

2017 - 2019

Tutor for Social Policy 224 undergraduate option, Dept of Social Policy and Intervention, University of Oxford

- Tutorials in groups of two; responsible for leading the tutorial discussion, providing comments on weekly essays and marking mock exams (‘collections’)
- British social policy with a focus on 1979-present including the development of welfare states, goals of social policy, the mixed economy of welfare, policy analysis and “welfare regimes”; policy domains taught include poverty and social exclusion, labour market policy, education, health, immigration, ageing and family policy

October – December 2017

Teaching assistant on core undergraduate statistics course, School of Geography and the Environment, University of Oxford

- Practical computer-based labs taught using R; approximately 40 students
- Topics included introduction to R, confidence intervals, t tests, analysis of variance, correlation and regression

### Academic administrative positions

MSc in Inequalities and Social Science, London School of Economics & Political Science

2018 - 2020 Academic mentor

- Academic mentor to MSc students including dissertation supervision and marking

Equality and Diversity Committee, School of Geography & the Environment, University of Oxford

2015 – 2017 Member

- Contributed to the successful application for an Athena SWAN Bronze Award

School of Geography & the Environment DPhil mentoring scheme, University of Oxford  
2016 - 2017 DPhil mentor

- Acted as a mentor to three first-year DPhil students

### Professional memberships and activities

Reviewer for *BMJ Open*, *Journal of the Royal Statistical Society Series A*, *Social Science & Medicine*, *SSM - Population Health*, *Cambridge Journal of the Regions, Economy & Society* and *Regional Studies*.

British Society for Population Studies

2014 - Member  
October 2014 Contributed to day event "The concept of usual residence: has it reached its sell-by date?"  
Sep 2019 - Trustee / Member of Council

Regional Studies Association

2018 - Member

Royal Statistical Society

2010 - Fellow  
2012 - 2014 Official Statistics Section Committee member  
2013 Prepared submission to Public Administration Select Committee migration statistics inquiry  
(<http://tinyurl.com/lt9l3dq>)

Social Policy Association

2017 - Member

### IT skills

Analytical software	R, ArcGIS, SQL
Web design	HTML, CSS, JavaScript
MS Office	Word, Excel, Access, VBA

### Languages other than English

French Basic level in speaking, reading and writing (i.e. GCSE level)

### Community appointments

Kidlington Cricket Club

2019 – Youth chairman

West Kidlington Primary School governing body

2014 – 2016 Community governor

2015 – 2016 Vice-chair (including period as Acting Chair, Dec 2015 – April 2016)

SKIPS Pre-School, Kidlington

2009 – 2011 Committee chair