Curriculum Vitae

Gabriele Durrant

11 November 2016

Personal Information

Current Position:	**Professor of Social Statistics and Survey Methodology**, Department of Social Statistics and Demography, School of Social Sciences, University of Southampton, UK.
	Deputy Director of the UK National Centre for Research Methods, (Social Sciences), University of Southampton, Manchester and Edinburgh.
E-Mail:	g.durrant@southampton.ac.uk

Education

12/2007	Fellow of the Higher Education Academy (equivalent to the Postgraduate Certificate in Academic Practice, Teaching Qualification) (based on merit).
10/2000 - 12/2003	PhD in Social Statistics, Department of Social Statistics, University of Southampton, Title: Correcting for Measurement Error when Estimating Pay Distributions from Household Survey Data, Viva: February 2004 (minor corrections), funded by the Economic and Social Research Council (ESRC) and Deutscher Akademischer Austauschdienst (DAAD); Supervisors: Prof. Dr. Chris Skinner and Prof. Dr. Ray Chambers; External Examiners: Prof. Dr. Danny Pfeffermann and Prof. Dr. Mike Kenward.
07/2000	MSc in Mathematics (major), Geography (major) and Pedagogy (minor), University of Bonn, Germany, (Overall mark: 1.1 on a scale of 1.0-4.0) (incl. 1-year Erasmus Scholarship, University of Southampton).
07/1994	A-levels (Allgemeine Hochschulreife), Mark: 1.5, Privates Gymnasium der Ursulinen Calvarienberg, Bad Neuenahr-Ahrweiler, Germany.

Research Interests

I have extensive research interests in statistical modelling and data analysis in the Social Sciences, in particular multilevel modelling, and in survey methodology, notably in the areas of paradata (field process data), analysis of interviewer effects and nonresponse behaviour, nonresponse in sample surveys and measurement error. More recently, I have also worked in the area of linking survey data to Census and administrative data. I have also developed an interest in analysing household energy data and environmental attitudes and behaviours.

Employment

08/2016 - present	**Professor in Social Statistics and Survey Methodology**, Department of Social Statistics and Demography, School of Social Sciences, Faculty of Social and Human Sciences, University of Southampton, UK.

	Special roles:
	Deputy Director of the ESRC National Centre for Research Methods (NCRM) and **Director** of Training and Capacity Building (TCB) for the NCRM (since 1 Oct 2014).
03/2012 - 07/2016	**Associate Professor (Reader)**, Department of Social Statistics and Demography, School of Social Sciences, Faculty of Social and Human Sciences, University of Southampton, UK.
	Director of CASS (Courses in Applied Social Surveys) (Aug 2013-Sept 2014), a national programme of short courses in quantitative survey research methods, based at the Southampton Statistical Sciences Research Institute (S3RI) and funded by the Economic and Social Research Council (ESRC) (2005-2014, £1.3M) (also CASS programme coordinator until 2013).
01/2010 - 02/2012	**Senior Lecturer**, Southampton Statistical Sciences Research Institute (S3RI), Faculty of Social and Human Sciences, University of Southampton; also CASS short course programme coordinator.
10/2005 - 12/2009	**Lecturer**, Southampton Statistical Sciences Research Institute (S3RI), University of Southampton (permanent; tenure track position); also CASS short course programme coordinator.
05/2004 - 09/2005	**Senior Research Fellow**, National Centre for Research Methods, University of Southampton (5-year contract); reasons for leaving: I was successful in applying for a permanent tenure track position.
03/2004 - 05/2004	**Methodologist**, Office for National Statistics, London; reasons for leaving: I was offered an attractive position at the University of Southampton and the ONS announced to move their headquarters from London to Newport.
12/2003 - 02/2004	**Research Fellow**, Department of Social Statistics, University of Southampton (part-time; project-based).
10/2000 - 10/2003	**Research Assistant and Teaching Assistant** for a range of projects and courses, including short courses, Department of Social Statistics, University of Southampton.
1999	**Research Assistant**, working for Prof. Dr. Laux, Statistics in Geography, Department of Geography, University of Bonn, Germany.

Other Professional Experience

06/2011 - 12/2011	Visiting Research Fellow at the Institute for Employment Research (IAB) in Nürnberg, Germany.

Study Leave Taken

04/2011 - 08/2011	Research sabbatical (fully funded), visiting the Institute for Employment Research (IAB) in Nürnberg, the University of Bonn, the University of Trier and the University of Munich.

Special Leave Taken

01/2013 - 05/2013   I was working part-time (80%) following my maternity leave in 2012.

01/2012 - 12/2012   Maternity Leave

10/2009 - 07/2010   Maternity Leave

10/2006 - 07/2007   Maternity Leave

Research Funding

1. Centre Grant: National Centre for Research Methods (NCRM)
10/2014-10/2019, £6.35M (€8Mio) (about £4.5M to the University of Southampton)
5-year ESRC (Economic and Social Research Council) Centre Grant, **Co-investigator** (50% of my time), **Deputy Director** of the Centre and **Director** of Training and Capacity Building (TCB), **lead on** research workpackage 1 'Analysing hierarchical time-dependent paradata to reduce nonresponse in large-scale surveys', supervising 1 research fellow and 1 linked PhD student. Other applicants comprise a consortium of 3 Universities: University of Southampton (Prof. Dr. Sturgis, PI) University of Manchester and the University of Edinburgh. Website: www.ncrm.ac.uk

2. Centre Grant: Administrative Data Research Centre for England (ADRCE)
10/2013-09/2018, £9.07M (€11.4Mio) (about £7M to the University of Southampton)
5-year ESRC (Economic and Social Research Council) Centre Grant, **Co-investigator** (20% of my time), **lead on** the Centre's training programme and significant contributions to the research of the Centre in the area of 'Linking survey data to administrative data for nonresponse investigation', supervising one research fellow and one PhD student. Other applicants comprise a consortium of 5 Universities, including University of Southampton (Prof. Dr. Smith, PI), London School of Hygiene and Tropical Medicine, University College London, Institute of Education and Institute for Fiscal Studies. The Centre is part of the Administrative Data Research Network, a partnership between government departments, research funders, national statistical authorities and the research community. The Centre is part of the first of three rounds of ESRC's major funding initiatives on Big Data. Website: www.adrn.ac.uk

3. Research Grant: The Use of Paradata (Survey Process Data) in Cross-Sectional and Longitudinal Surveys
09/2011- 08/2015; £404k (€509T) (£380k to the University of Southampton)
4-year ESRC (Economic and Social Research Council) Research Grant, **Principal Investigator** (25% of my time), co-applicants: Prof. Dr. Smith and Prof. Dr. Kreuter. I am leading a team of national and international senior experts from the UK, Germany and the US; line management of 3 research fellows (one 3 years, two 1 year); the project also included the development and delivery of a short course (on paradata; Oct 2013), an international conference on paradata (June 2014, Royal Statistical Society) and a special issue on paradata, Journal of the Royal Statistical Society, Series A (published Jan 2013). The project has so far produced 6 publications in leading international journals, a book chapter and more than 26 presentations at national and international conferences.
Website:www.southampton.ac.uk/s3ri/research/projects/the_use_of_paradata_in_cross_sectional_and_longitudinal_surveys.page

4. The Leverhulme Trust - International Network Grant

01/2015- 12/2017; £113k (€143T) (about £24k to the University of Southampton)

3-year international Leverhulme network grant 'Bayesian Adaptive Survey Design Network', **Research Network Partner**, the grant brings together researchers from the University of Manchester (PI: Prof. Dr. Natalie Shlomo), RTI International, Statistics Netherlands, Statistics Sweden, University of Michigan, US Census Bureau.

5. Research Grant: Hierarchical Analysis of Unit Non-Response in Sample Surveys

09/2007- 02/2011; £569k (€717T) (£527k to the University of Southampton)

3.5-year ESRC Research Grant, **Principal Investigator** (30% of my time), co-applicants: Prof. Dr. Skinner, Prof. Dr. Micklewright and Prof. Dr. Steele. ESRC end-of-award evaluation 'very good'. I was leading a team of national and international senior experts from the UK, the US and the Netherlands. As the lead researcher I had responsibility for the planning and implementation of the research and dissemination strategy, defining original research objectives, collaborating and liaising with co-applicants, international collaborators and the ESRC as well as line management of two research fellows. The project produced a wealth of research outputs (all targets exceeded), including: 7 publications in international journals, more than 28 presentations at national and international conferences, 4 short courses (all fully booked, with overall 102 participants, 50% from non-academia), international research symposium at the Royal Statistical Society in London in Dec 2010 (fully booked; 91 attendees; 8 invited national and international speakers; 65% participants from non-academic institutions, including Ipsos Mori, Gallup Europe, Statistics Canada, the US Census Bureau), establishment of various international research collaborations (National Centre for Social Research (NatCen), UK Office for National Statistics, CBS Netherlands, US Census Bureau).

6. Research Grant: Solving the Problem of Attrition in Longitudinal Surveys

10/2007-01/2011; £353k (€445T) (about £45k to the University of Southampton)

3.5-year ESRC Research Grant, **Co-applicant** with Prof. Dr. Bynner (PI), Prof. Dr. Goldstein, Prof. Dr. Lynn, Prof. Dr. Plewis and National Centre for Social Research (10% -20% of my time). This project was part of the ESRC Survey Design and Measurement Initiative.

7. Research Grant: Statistical Methodology

10/2010-09/2015; £750k (€946T) (100% to the University of Southampton)

5-year research contract with the UK Office for National Statistics, **Co-applicant** with Prof. Dr. Skinner (PI) and 10 others (minor role), University of Southampton, carrying out methodological research in the area of sample surveys.

8. CASS Training Grant – Courses in Applied Social Surveys

10/2009-09/2014; £1.3M (€1.6Mio) (100% to the University of Southampton)

5-year grant, part of the ESRC National Centre for Research Methods, Centre grant

Named researcher and CASS programme coordinator, responsible for the management of the ESRC funded national training programme of short courses in quantitative survey methods courses.

9. Research Grant: Analysis of Nonresponse in Household Surveys

08/2005-08/2006; £45k (€57T) (100% to the University of Southampton)

1- year research grant, **Principal investigator** (40% of my time), funded by the Office for National Statistics, analyzing nonresponse in the Census Nonresponse Link Study 2001.

Please note: as a result of success in applying for research and training grants - although not necessary for my position - I have been able to fund my position on a 70%-130% basis continuously

since 2005 (130% during 2007-2013; 120% during 2013-2014; 95% during 10/2014 - 09/2015; 70% during 10/2016-at least 09/2018 and at least at 50% until 09/2019).

Major Conference Activities

- Invited as panel discussant by the US Census Bureau in the session on 'Recent Advancements and Remaining Challenges of Adaptive Design in Surveys and Censuses' (JSM 2017)
- Discussant (invited) at the annual conference of the American Association for Public Opinion Research (AAPOR), session on: 'Using Paradata During Data Collection and in Data Analysis: New Metrics to Address Perennial Problems', May 2015, Florida.
- Lead organiser of the Special Contributed Session at the bi-annual conference of the International Statistical Institute, on 'The use of paradata (survey process data) in response analysis, response monitoring and responsive design', August 2015.
- Lead organiser of the International Conference 'Paradata: From Survey Research to Practice', at the Royal Statistical Society, London, 26th June 2014.
- Invited member of an international working group on paradata, meeting annually or bi-annually at the International Workshop on Recent Advances in Paradata, Responsive and Adaptive Survey Designs (based on invitation only; about 30 participants) (Dec 2013 at CBS Netherlands; Nov 2011 at the IAB in Nürnberg, 2010 at the US Census Bureau); I will be organising the next event in 2015/2016 with Prof Nathalie Shlomo from the University of Manchester.
- Lead organiser of the International Research Symposium on 'Recent Advances in the Use of Paradata', at the Royal Statistical Society, London, 7th Dec 2010.
- Chair and organiser of at least 13 sessions at national and international conferences and workshops, in particular on the topics of paradata, nonresponse and interviewer effects (e.g. ESRA 2017; ESRC/NCRM Research Methods Festival 2012, 2010; European Survey Research Association 2014, 2011, International Statistical Institute 2014, 2011, Royal Statistical Society 2010, International Workshop on Household Survey Nonresponse 2008, 2011).
- Keynote speaker in one of two plenary sessions at the German Statistical Week on 'Missing Data in Surveys', German Statistical Society, 2005.
- In total I have given 20 invited presentations at national and international conferences, workshops and seminars.

Line Management Responsibilities

Research Fellows

09/2014 - present	Line Management of one (full-time) research fellow, as part of the new NCRM centre grant.
09/2011 - 10/2014	Line management of two (full-time) research fellows (one since Dec 2013) whilst working as principal investigator (PI) on a major 4-year ESRC research grant on paradata.
04/2008 - 03/2011	Line management of one (full-time) research fellow whilst working as PI on a major 3.5-year ESRC research grant on nonresponse.
02/2008 - 01/2009	Line management of one research fellow (part-time) as part of the 3.5-year ESRC research grant on nonresponse.
01/2005 - 07/2005	Supervision and guiding the work of one research assistant whilst employed at the ESRC National Centre for Research Methods.

02/2005 - 08/2005	Supervision and guiding the work of one research assistant whilst working as PI on a 1-year research grant on nonresponse funded by the UK Office for National Statistics.

Teaching Fellows and Administrators

10/2014 - present	Supervision responsibility for the NCRM training administrator
10/2013 - present	Supervision responsibility for the ADRCE training administrator
09/2006 - 03/2011	Directing and overseeing the work of two teaching assistants with responsibility for contributing to the day-to-day running of CASS including teaching responsibilities for CASS and S3RI.
10/2005 - 09/2014	Directing and overseeing the work of more than 20 teaching assistants who have assisted with the delivery of more than 30 short courses.

PhD Student Supervision

10/2015 - present	Eliud Kibuchi, PhD Student in Social Statistics, 'Bayesian Methods for Adaptive Survey Designs' (working title), linked PhD student as part of the NCRM centre grant.
10/2014 - present	Vivian So, PhD student in Social Statistics 'Analysing Environmental Attitudes, Behaviours and Household Energy Consumption' (working title), linked PhD student of the ADRCE Centre grant.
Completed 05/2015	Denize Barbosa, PhD student in Social Statistics 'Using Multilevel Models to Investigate Interviewer Effects on Nonresponse Bias and Measurement Error'. Started 10/2010, part-time.
Completed 04/2014	Jennifer Sinibaldi, PhD in Social Statistics at the IAB Nürnberg, 'Evaluating the Quality of Interviewer Observed Paradata: An Analysis of the Measurement Error Properties and its Importance in Nonresponse Analysis and Adjustment' (Joint supervision with Prof. Dr. Frauke Kreuter).
Completed 11/2013	Rebecca Vassallo, PhD in Social Statistics, 'Investigating the Performance of Multilevel Cross-classified and Multiple Membership Logistic Models: With Applications to Interviewer Effects on Nonresponse'.
Completed 10/2011	Julia D'Arrigo, PhD in Social Statistics, 'Understanding and Dealing with Unit Nonresponse During and Post Survey Data Collection'.
Completed 08/2011	Mark Lyons-Amos, PhD in Social Statistics, 'Natural Contraceptive Use in a Modern Population: Correlates, Fertility Timing and Efficacy Among Users in Moldova'.
Completed 07/2009	Fannie Cobben, PhD in Social Statistics at CBS Netherlands, 'Nonresponse in Sample Surveys. Methods for Analysis and Adjustment'; was advisor of PhD.

Services on Editorial Boards, Advisory Boards, PhD Examination Boards and External Committees

- Member (invited) of the Understanding Society Methodological Advisory Committee (since 2016)
- Member of the Advisory Group for the ESRC/ NCRM project 'Understanding Household Finance

through Better Measurement' (since 2016)

- Invited by the ESRC (Economic and Social Research Council) to join the ESRC DTC (Doctoral Training Partnership) Commissioning Panel (2016). The DTPs are a major ESRC advanced training and research initiative.
- (Invited) Editor of the Journal 'Methods, Data and Analyses' Journal for Quantitative Methods and Survey Methodology (2016-2020)
- (Invited) Member of the WISERD Advisory Board (Wales Institute of Social & Economic Research, Data & Methods)
- Elected Member of the European Survey Research Association (ESRA) committee (Treasurer; from 2016)
- Advisor to the ESRC Training and Skills Committee (UK Economic and Social Research Council) (since 2014).
- External PhD examiner: Institute of Education, London, April 2015, invited by Prof. Dr. Micklewright (PhD student: Lisa Calderwood, PhD by Publication, 4 papers on topics on response in longitudinal surveys); Department of Statistics, University of Munich, May 2014 (PhD student: Jennifer Sinibaldi, PhD topic 'Evaluating the Quality of Interviewer Observed Paradata: An Analysis of the Measurement Error Properties and its Importance in Nonresponse Analysis and Adjustment').
- Member of the ESRC Peer Review College (UK Economic and Social Research Council) (since January 2014).
- Guest Editor of a special issue on Paradata of the prestigious Journal of the Royal Statistical Society, Series A (published in Jan 2013; issue 176, vol 1).
- Associated Editor (invited) of the Journal of the Royal Statistical Society, Series A (2009-2012).
- Member (invited) of the Social Statistics and Survey Methodology Section Committee of the Royal Statistical Society (2009-2013).
- Member (invited) of the IASS Programme Committee responsible for planning the scientific programme of the 2011 international conference of the International Statistical Institute (2008-2011).
- Member of the Training and Capacity Building Advisory Group of the ESRC National Centre for Research Methods (2004-2014).

Services for the University of Southampton

- Member of the Management Board of the Southampton Statistical Sciences Research Institute (S3RI), University of Southampton (Sept 2011-2015)
- CASS (Courses in Applied Social Surveys) programme coordinator (2005-2013) and Director of CASS (2013-2014) with responsibility to develop the CASS and the S3RI short course programme
- Member of the Online Resources Management Board, responsible for the development and promotion of online resource facilities and MOOCs at the University of Southampton, representing the interests of CASS, S3RI and NCRM (Dec 2013-2015)
- Member (invited) of the Faculty Health and Safety Consultative Committee, representing S3RI across the Faculty (Sept 2011- Jan 2013)
- Regular attendance and contributions to the departmental meetings of the Department of Social Statistics
- Fire Warden of the Southampton Statistical Sciences Research Institute (2005-2014)

Professional Affiliations and Memberships

- Elected Member of the International Statistical Institute (since 2009) (awarded based on merit)
- Fellow of the Royal Statistical Society (since Dec 2000)
- Fellow of the Higher Education Academy (since 2007) (awarded based on merit)
- Member of the International Sociological Association (since Jan 2008)

- Member of the European Survey Research Association (ESRA) (since 2008)
- Member of the International Association of Survey Statisticians (IASS) (Section of the ISI; since March 2003)
- Member of the International Association for Official Statistics (IAOS) (Section of the ISI; since March 2003)
- Member of the German Scholars Organization e.V. (GSO) (since 2014)
- Member of the German Academic Society (Deutscher Hochschulverband; since 2015)

Awards and Scholarships

2009	Elected Member of the International Statistical Institute (based on merit and peer recommendation)
2007	Awarded 'Fellow of the Higher Education Academy' (based on merit and peer recommendation)
2005	Winner of the 2005 Paper Competition for Young Researchers of the American Statistical Association (ASA), Survey Research Methods, Social Statistics and Government Statistics Sections (in total 5 places awarded)
2005	Second Place in the IAOS Paper Competition for Young Official Statisticians, International Association for Official Statistics
2005	British Academy, conference grant award
2005	Royal Statistical Society, conference grant award
2004	Cathy Marsh Bursary, Royal Statistical Society, conference grant award
2000-2001	1-year Research Scholarship from the German Academic Exchange Service (Deutscher Akademischer Austauschdienst, DAAD)
1997-1998	1-year Erasmus Scholarship, studying Mathematics and Geography at the University of Southampton, UK

Refereeing Activities

I have refereed for a wide range of high quality journals such as the Journal of the Royal Statistical Society, Series A and C, Sociological Methods and Research, Public Opinion Quarterly, International Journal of Social Research Methodology, Journal of Official Statistics, Survey Research Methods, Survey Methodology, Journal for Survey Statistics and Methodology, Journal of the American Statistical Association, Journal of Applied Statistics, Sage Open and others. I have also refereed research grant applications for two research councils such as the ESRC and the MRC.

Languages   English (fluent), German (fluent, native speaker), Latin (Groβes Latinum, Mark: 1.7), French (basic).

List of Publications

Academic Journal Papers (peer reviewed)

1. Moore, J., **Durrant, G.B.** and Smith, P.W.F (2016) Dataset Representativeness During Data Collection in Three UK Social Surveys: Generalizability and the Effects of Auxiliary Covariate Choice, *Journal of the Royal Statistical Society, Series A,* forthcoming.

2. Vassallo, R., **Durrant, G.B.** and Smith, P. (2016) Separating Interviewer and Area Effects Using a Cross-Classified Multilevel Logistic Model: Implications for Survey Designs, *Journal of the Royal Statistical Society, Series A*, forthcoming.

3. **Durrant, G.B.,** Maslovskaya, O., Smith, P.W. (2015) Modelling Final Outcome and Length of Call to Improve Efficiency in Call Scheduling, *Journal of Survey Statistics and Methodology*, 3, 3, 397-424.

4. Vassallo, R, **Durrant**, G.B., Smith, P. and Goldstein, H. (2015): Interviewer Effects on Nonresponse Propensity in Longitudinal Surveys: A Multilevel Modelling Approach, *Journal of the Royal Statistical Society, Series A, 178, 1, 83-99.*

5. **Durrant, G.B.** and D'Arrigo, J. (2014) Doorstep Interactions and Interviewer Effects on the Process Leading to Cooperation or Refusal, *Sociological Methods and Research*, 43, 490-518.

6. Lyons-Amos, M., Padmadas, S. and **Durrant**, G. (2014): Contraceptive Confidence and Timing of First Birth in Moldova: An Event History Analysis of Retrospective Data, *BMJ Open (British Medical Journal)*, 11, 4, e004834.

7. Sinibaldi, J., **Durrant**, G.B. and Kreuter, F. (2013): Evaluating the Measurement Error of Interviewer Observed Paradata, *Public Opinion Quarterly*, Special issue: Topics in Survey Measurement and Public Opinion, 77, 1, 173-193.

8. **Durrant, G.B.** and Kreuter, F. (2013) Editorial: The Use of Paradata in Social Survey Research, *Journal of the Royal Statistical Society*, Series A, Special issue: The Use of Paradata in Social Survey Research, 176, 1, 1-3.

9. **Durrant, G.B.,** D'Arrigo, J. and Steele, F. (2013): Analysing Interviewer Call Record Data by Using a Multilevel Discrete-Time Event History Modelling Approach, *Journal of the Royal Statistical Society, Series A*, Special issue: The Use of Paradata in Social Survey Research 176, 1, 251-269.

10. **Durrant,** G.B., D'Arrigo, J. and Steele, F. (2011): Using Field Process Data to Predict Best Times of Contact Conditioning on Household and Interviewer Influences, *Journal of the Royal Statistical Society, Series A,* 174, 4, 1029-1049.

11. Steele, F. and **Durrant,** G. (2011): Alternative Approaches to Multilevel Modelling of Survey Noncontact and Refusal, *International Statistical Review*, 79, 1, 70-91.

12. Lyons-Amos, M., **Durrant**, G. and Padmadas, S. (2011): Is Traditional Method Use Associated with Poverty and Isolation? The Case of Moldova, *Journal of Biosocial Science*, 43, 3, 305-327.

13. **Durrant,** G.B., Groves, G., Staetsky L. and Steele, F. (2010): Effects of Interviewer Attitudes and Behaviours on Refusal in Household Surveys. *Public Opinion Quarterly*, 74, 1, 1-36.

14. **Durrant**, G.B. and Steele, F. (2009): Multilevel Modelling of Refusal and Noncontact Nonresponse in Household Surveys: Evidence from Six UK Government Surveys, *Journal of the Royal Statistical Society, Series A,* 172, 2, 361-381.

15. **Durrant**, G.B. (2009): Imputation Methods for Handling Item-Nonresponse in Practice: Methodological Issues and Recent Debates, *International Journal of Social Research Methodology*, 12, 4, 291-302.

16. Wiles, R., **Durrant**, G.B., De Broe, S. and Powell, J. (2009): Methodological Approaches at PhD and Skills Sought for Research Posts in Academia: A Mismatch?, *International Journal of Social Research Methodology*, 12, 3, 257 - 269.

17. **Durrant**, G.B. and Skinner, C. (2006): Using Data Augmentation to Correct for Nonignorable Nonresponse when Surrogate Data are Available: An Application to the Distribution of Hourly Pay, *Journal of the Royal Statistical Society, Series A*, 169, 3, 605-623.

18. **Durrant**, G.B. and Skinner, C. (2006): Using Missing Data Methods to Correct for Measurement Error in a Distribution Function, *Survey Methodology*, 32, 1, 25-36.

19. **Durrant**, G.B. (2006): Missing Data Methods in Official Statistics in the UK: Some Recent Developments, *Advances in Statistical Analysis (AStA), Journal of the German Statistical Society*, 90, 4, Dec, 577-593.

20. **Durrant**, G.B. (2006): Adjusting for Measurement Error Using Predictive Mean Matching Imputation, *The Imputation Bulletin, Invited paper*, Statistics Canada, 6, 1.

21. Skinner, C., Stuttard, N., **Beissel-Durrant**, G. and Jenkins, J. (2002): The Measurement of Low Pay in the UK Labour Force Survey, *Oxford Bulletin of Economics and Statistics*, 64, 653-676.

Book Chapters

1. **Durrant, G.B.** and Maslovskaya, O. (2017) Paradata for nonresponse investigations in social surveys, invited paper, in Edwards, R., Phoenix, A., O'Connor, H. and Goodwin, J. (eds.) (2017) *Working With Paradata, Marginalia and Fieldnotes: The Centrality of By-Products of Social Research*, Edward Elgar, London, Ch. 3.

2. **Durrant, G.B.** and D'Arrigo, J. and Müller, G. (2013) Modeling Call Record Data: Examples from Cross-Sectional and Longitudinal Surveys, in: Kreuter, F. (ed) (2013) *Improving Surveys with Paradata*, Wiley and Sons.

Edited Volumes and Monographs

1. **Durrant, G. B.** and Kreuter, F. (Guest Editors) (2013): The Use of Paradata (Process Data) in Social Survey Research, *Special Issue on paradata, Journal of the Royal Statistical Society, Series A*, 176, 1.

2. **Durrant, G. B.** (2004): Correcting for Measurement Error when Estimating Pay Distributions from Household Survey Data, PhD Thesis, British Library, London, University of Southampton.

Research Reports

1. Durrant, G.B., Luff, R., Wiles, R. and Crow, G. (2015) Consultation on Training Needs in Advanced Social Science Research Methods, ESRC National Centre for Research Methods, *NCRM Working Paper Series*, University of Southampton, pp. 1-60. (downloadable from: http://eprints.ncrm.ac.uk/376).

2. Wiles, R., **Durrant**, G.B., De Broe, S. and Powell, J. (2006): Assessment of Needs for Training in Research Methods in the UK Social Science Community, ESRC National Centre for Research Methods, *NCRM Working Paper Series*, pp. 1-91. (downloadable from http://eprints.ncrm.ac.uk/91)

3. **Durrant**, G.B. and Skinner, C. (2006): Analysis of Household Level Unit Nonresponse Using the ONS Survey Nonresponse Census Link Study, <u>Research Report to the Office for National Statistics</u>, pp. 1-75, August 2006.

4. **Durrant,** G.B. (2004): A Typology of Research Methods Within the Social Sciences, <u>*NCRM Working Paper Series*</u>, pp. 1-22. (downloadable from http://eprints.ncrm.ac.uk/115/)

5. **Durrant**, G.B. and Lang, I. (2004): ESRC National Centre for Research Methods, Consultation Exercise Report, <u>*NCRM Working Paper Series*</u>, pp. 1-44.

Manuscripts under Review with Academic Journals

1. **Durrant, G.B.,** Maslovskaya, O., Smith, P.W. (2016) Modelling Final Outcome and Length of Call in a Longitudinal Study Taking Account of Prior Call Information, submitted.

2. **Durrant, G.B.**, Schnepf, S. and Micklewright, J. (2016) Which Schools and Pupils Respond to Educational Achievement Surveys? A Focus on the English PISA sample, submitted.

3. Vassallo, R., **Durrant, G.B.** and Smith, P. (2016) Assessment of Multiple Membership Multilevel Models: An application to interviewer effects on nonresponse, submitted.

4. **Durrant, G.B.,** Maslovskaya, O., Smith, P.W. (2016) Sequence Analysis: A Graphical Tool for Investigating Call Record Data, submitted.

5. Correa, S., **Durrant, G.B.** and Smith, P.W. (2016) Assessing Nonresponse Bias using Call Record Data with Applications to a Longitudinal Study, submitted.

6. Moore, J., Smith, P.W.F and **Durrant, G.B.** (2016) Business datasets and record linkage: Correlates of linkage and estimating risks of non-linkage biases, submitted<u>.</u>

Manuscripts and Research Work Currently in Progress

1. Interviewer Effects on Nonresponse Bias (with Denize Barbossa and Peter Smith).

2. Environmental behaviour and attitudes: a multilevel modelling approach analysing household, interviewer and geographic influences (with Vivian So and Peter Smith).

3. Bayesian methods in adaptive survey designs (with Eliud Kibuchi and Patrick Sturgis).

4. Interviewer influence on the length of response to interview questions using a multilevel location-scale model (with Olga Maslovskaya and Patrick Sturgis).

5. Assessing Data Quality During Call Records: an Analysis of Item Missingness and Measurement Error (with Jamie Moore and Peter Smith).

6. Review of online survey responses using mobile devices (with Olga Maslovskaya and Peter Smith)

7. Lisette Bruin, Barry Schouten, Nino Mushkudiani, Natalie Shlomo, Stephanie Coffey, Gabriele Durrant, Peter Lundquist, Dan Pratt and James Wagner (2016) A Bayesian analysis of survey design parameters.

Conference Contributions, including Proceedings, and external seminar presentations

(invited presentations are indicated)

2016

1. **Durrant, G.B.,** Sturgis, P., Maslovskaya, O., Brunton-Smith, I. (2016) Interviewer effects on response latencies in a face-to-face interview survey, 9th International Conference on Social Science Methodology, RC33 conference, Leicester, UK, September 2016.

2. **Durrant, G.B.,** Moore, J., Correa, S. and Smith, P. (2016) Assessing risk of nonresponse bias and dataset representativeness during survey data collection, <u>invited</u> presentation in the seminar series at the Institute for Social and Economic Research, University of Essex, February 2016.

3. **Durrant, G.B.,** Moore, J., and Smith, P. (2016) Assessing risk of nonresponse bias and dataset representativeness during survey data collection, <u>invited</u> presentation in the seminar series at the University of Manchester, March 2016.

4. **Durrant, G.B.,** Moore, J., and Smith, P. (2016) Assessing dataset representativeness during survey data collection - Evidence from the 2011 Census Non-Response Link Study, <u>invited</u> presentation in the session on Maintaining high response rates - is it worth the effort? Meeting organised by the Royal Statistics Society, Social Statistics Section, 3rd March 2016.

5. **Durrant, G.B.** (2016) Assessing risks of nonresponse bias during survey data collection: evidence from the UK Census nonresponse link study, 7th Research Methods Festival, Bath, UK, July 2016.

6. **Durrant, G.B.,** Moore, J., and Smith, P. (2016) Dataset representativeness during data collection in three UK social surveys: An assessment using linked 2011 UK Census data, invited by the UK Treasury, presentation at the GES/GSR seminar day series.

7. Moore, J., **Durrant, G.B.** and Smith, P.W. (2016) Do Representativeness indicators reflect non-response bias during data collection? Evidence from the 2011 Census Non-Response Link Study, paper presented at the American Association of Public Opinion Research.

8. Sturgis, P., **Durrant, G.B.,** Maslovskaya, O. and Brunton-Smith, I. (2016) Interviewer effects on response latencies in a face-to-face interview survey, presentation at the American Association of Public Opinion Research (AAPOR), Austin, US, May 2016.

9. Smith, P.W., Moore, J. and **Durrant, G.B.** (2016) Using linked census data to estimate survey non-response biases, presentation at the Research Conference of the Administrative Data Research Network (ADRN), May 2016.

10. Moore, J., **Durrant, G.** and Smith, P. (2015) Further Evidence on Dataset Representativeness from the 2011 Census Non-Response Link Study, presentation at the Research Conference of the Administrative Data Research Network (ADRN), May 2016.

11. Johansson, A., Lundquist, P., Westling, S. and **Durrant, G.B.** (2016) Modelling Length and Final Response Outcome of Call Sequences in the Swedish Labour Force Survey, American Association of Public Opinion Research (AAPOR), Austin, US, May 2016.

12. Sturgis, P., **Durrant, G.B.,** Maslovskaya, O., and Brunton-Smith, I. (2016) Interviewer effects on response latencies in a face-to-face interview survey, AAPOR conference, Austin, US, May 2016.

13. Maslovskaya, O., **Durrant, G.B.,** and Smith, P.W.F. (2016) Improving the Efficiency in Interviewer Call Scheduling: Analysing Final Outcome and Length of Call Sequences in a Longitudinal Context, RC33 conference, Leicester, UK, September 2016.

14. Maslovskaya, O. and **Durrant, G.B.** (2016) Predicting response and call sequence length using paradata in a longitudinal survey, 7th Research Methods Festival, Bath, UK, July 2016.

15. Moore, J.C, Durrant, G.B. and Smith, P.W.F (2016) Are trajectories of dataset representativeness during survey data collection generalizable? Evidence from the 2011 Census Non-Response Link Study. Research Workshop of the UK ESRC Administrative Data Research Network, Belfast, May 2015.

16. Moore, J.C, Durrant, G.B. & Smith, P.W.F. Are trajectories of dataset representativeness during survey data collection generalizable? Evidence from the 2011 Census Non-Response Link Study. 60th World Statistics Congress, International Statistical Institute, Rio de Janeiro, July 2015.

17. Moore, J.C, Durrant, G.B. & Smith, P.W.F. Survey dataset representativeness: during data collection and with data linkage. Business survey Microdata User Group Meeting, ONS Newport, September 2015.

18. Moore, J.C, Durrant, G.B. & Smith, P.W.F. Are trajectories of dataset representativeness during survey data collection generalizable? Evidence from the 2011 Census Non-Response Link Study. Presentation to delegation from ONS Social Survey Division, ONS Titchfield, September 2015.

19. Moore, J.C, Durrant, G.B. & Smith, P.W.F. Estimating risks of biases in (linkable) survey datasets. ADRCE Annual Team Meeting, Windsor, October 2015.

20. Moore, J.C, Durrant, G.B. & Smith, P.W.F. Are trajectories of dataset representativeness during survey data collection generalizable? Evidence from the 2011 Census Non-Response Link Study. Third Leverhulme Network Grant Meeting and Third International Workshop on Adaptive and Responsive Survey Designs, Manchester, Nov 2015.

21. Moore, J.C, Durrant, G.B. & Smith, P.W.F. Estimating risks of biases in (linkable) survey datasets. Presentation to delegation from Moldovan National Statistical Institute, University of Southampton, January 2016.

22. Smith, P.W.F., Moore, J.C. & Durrant, G.B. Using linked census data to estimate survey non-response biases. Research Workshop of the UK ESRC Administrative Data Research Network, London, June 2016.

23. Moore, J.C, Smith, P.W.F. & Durrant, G.B. Project ADRCE_001: Experiences, reflections and using linked census – survey data to monitor survey non-response. The data dialogue – time to share: navigating boundaries and benefits. ESRC conference. University of Cambridge, July 2016 (invited presentation).

24. Moore, J.C, Smith, P.W.F. & Durrant, G.B. Using linked census data to estimate survey dataset non-response biases. International workshop on household survey non-response. Oslo, Norway. August 2016.

2015

1. **Durrant, G.B.,** Maslovskaya, O., and Smith, P.W. (2015) Modelling Final Outcome and Length of Call to Improve Efficiency in Call Scheduling, to be presented at a special topic contributed session at the bi-annual conference of the International Statistical Institute, on 'The use of paradata (survey process data) in response analysis, response monitoring and responsive design', Rio, Brazil, August 2015.

2. **Durrant, G.B.** (2015) Using call record data for adaptive and responsive survey designs, Workshop to foster research collaborations between the University of Southampton and the University of Utrecht; University of Utrecht. Invited research seminar, Sept 2015.

3. **Durrant, G.B.** (2015) Using call record data for adaptive and responsive survey designs, invited presentation, first 2-day workshop of the International Leverhulme Trust Network 'Bayesian Adaptive Survey Design Network', 26-27 February 2015, U.S. Census Bureau.

4. **Durrant, G.B.** (2015) Assessing nonresponse bias during fieldwork, Methodological Seminar Series, invited presentation, University of Trier, February 2015.

5. Johansson, A., Lundquist, P., Westling, S. and **Durrant, G.** (2015) Modelling Length and Final Response Outcome of Call Sequences in the Swedish Labour Force Survey, Third Leverhulme Network Grant Meeting and Third International Workshop on Adaptive and Responsive Survey Designs, Manchester, Nov 2015.

6. Moore, J., **Durrant, G.** and Smith, P. (2015) Are trajectories of dataset representativeness during survey data collection generalizable? Evidence from the 2011 Census Non-Response Link Study, Third Leverhulme Network Grant Meeting and Third International Workshop on Adaptive and Responsive Survey Designs, Manchester, Nov 2015.

7. Lundquist, P. and **Durrant, G.** (2015) A Test of an Adaptive Survey Design: Response Propensities using Length of Call Sequence in the Swedish Labour Force Survey (LFS), International Research Workshop on Bayesian Adaptive Survey Designs, BADEN project, Statistics Sweden.

8. Moore, J., **Durrant, G.** and Smith, P. (2015) Are trajectories of dataset representativeness during survey data collection generalizable? Evidence from the 2011 Census Non-Response Link Study, Research Workshop of the UK ESRC Administrative Data Research Network, Belfast.

9. Moore, J., **Durrant, G.B**, Smith, P.W. (2015) Estimating risks of biases in (linkable) survey datasets. ADRCE Annual Centre Meeting, Windsor, 2 October 2015.

10. Correa, S., **Durrant, G.B.** and P.W. Smith (2015) Assessing Nonresponse Bias using Call Record Data with Applications to a Longitudinal Study, to be presented at a <u>special topic contributed session</u> at the bi-annual conference of the International Statistical Institute, on 'The use of paradata (survey process data) in response analysis, response monitoring and responsive design', Rio, Brazil, August 2015.

11. Moore, J., **Durrant, G.B,** Smith, P.W. (2015) Are trajectories of dataset representativeness during survey data collection generalisable? Evidence from the 2011 Census Non-Response Link Study, contributed paper, 60th World Statistics Congress, International Statistical Institute, 2015, Rio.

12. Barbosa, D., **Durrant, G.B.** and P.W. Smith (2015) Interviewer Effects on Measurement Error, contributed paper, 60th World Statistics Congress, International Statistical Institute, 2015, Rio.

13. Moore, J., **Durrant, G.B,** Smith, P.W. (2015) Consent to Data Linkage in Business Surveys, Bi-annual Conference of the European Survey Research Association, 13-17 July, Reykjavik, Iceland.

14. Moore, J., **Durrant, G.B,** Smith, P.W. (2015) Survey dataset representativeness: during data collection and with data linkage, Business survey Microdata User Group Meeting, ONS Newport, 18 September 2015.

Also:

<u>Discussant (invited</u> by the U.S. Census Bureau) at the annual conference of the American Association for Public Opinion Research (AAPOR), session on: 'Using Paradata During Data Collection and in Data Analysis: New Metrics to Address Perennial Problems', May 2015, Florida.

Lead organiser of the Special Contributed Session at the bi-annual conference of the International Statistical Institute, on 'The use of paradata (survey process data) in response analysis, response monitoring and responsive design', Rio, August 2015.

Co-organiser of the session 'Modelling unit nonresponse and attrition processes' at the ESRA conference (European Survey Research Association), with Carina Cornesse and Dr. Annelies Blom from the University of Mannheim, 13-17 July, Reykjavik, Iceland.

2014

15. Correa, S., **Durrant, G.B.** and P.W. Smith (2014) When to stop calling? Using call record data to assess nonresponse bias in a longitudinal study. International Workshop on Household Survey Nonresponse. 2nd September 2014, Reykjavik, Iceland.

16. **Durrant, G.B.,** Maslovskaya, O., and Smith, P.W. (2014) Modelling final outcome and length of call to improve efficiency in call scheduling, presented at the International Conference 'Paradata: From Survey Research to Practice', 26th June 2014, at the Royal Statistical Society, London.

17. Maslovskaya, O., **Durrant, G.B.** and Smith, P.W. (2014) Sequence analysis as a graphical tool for investigating call record data, presented at the International Conference 'Paradata: From Survey Research to Practice', 26th June 2014, at the Royal Statistical Society, London.

18. Barbosa, D., **Durrant, G.** and P.W. Smith (2014) An Investigation of Interviewer Effects on Measurement Error, Joint Statistical Meeting, 7 August 2014, Boston, Massachusetts.

19. **Durrant, G.B.,** Maslovskaya, O. and Smith, P.W. (2014) Modelling Final Outcome and Length of Call Sequence to Improve Efficiency in Call Scheduling, 4th Panel Survey Methods Workshop, 20-21 May 2014, University of Michigan, Ann Arbor.

20. Maslovskaya, O., **Durrant, G.B.,** Smith, P.W.F. (2014) Using sequence analysis to investigate call record data in longitudinal context. Poster presentation, BSPS conference, University of Winchester, 8-10 September 2014, Winchester.

Also: Lead organiser of the international conference 'Paradata: From Survey Research to Practice', 26th June 2014, at the Royal Statistical Society, London.

2013

21. **Durrant, G.B.** and Schnepf. S. (2013) Non-response Modelling in a Multi-Stage Survey of School Children (PISA), invited paper presented at the International Workshop 'Advances in Adaptive and Responsive Survey Design, 9-10 December 2013, CBS Netherlands.

22. **Durrant,** G.B., Maslovskaya, O., Smith, P.W. (2013) Modelling Final Outcome and Length of Call Sequences, invited paper presented at the International Workshop 'Advances in Adaptive and Responsive Survey Design', 9-10 December 2013, CBS Netherlands.

23. Vassallo, R., Smith, P.W. and **Durrant,** G. (2013) Assessing the Relative Importance of Current and Previous Interviewers on Wave Nonresponse in Longitudinal Surveys, European Survey Research Association Conference, Ljubljana, Slovenien, 2013.

24. **Durrant,** G.B., Maslovskaya, O., Smith, P.W. and D'Arrigo, J. (2013) Using Sequence Analysis to Better Understand Interviewer Calling Patterns: An Example from the UK Understanding Society Survey, European Survey Research Association Conference, Ljubljana, Slovenien, 2013.

25. **Durrant,** G.B., Maslovskaya, O., Smith, P.W. and D'Arrigo, J. (2013) Using Sequence Analysis to Better Understand Interviewer Calling Patterns: Analysing the UK Understanding Society Survey, International Workshop on Household Survey Nonresponse, London, Sept 2013.

26. Maslovskaya, O., **Durrant,** G.B., Smith, P.W. and D'Arrigo, J. (2013) Investigating Call Record Data using Sequence Analysis: Some Practical Considerations, International Workshop on Household Survey Nonresponse, London, Sept 2013.

27. **Durrant,** G. B., Vassallo, R., Smith, P. and Goldstein, H. (2013) Modelling Change of Interviewer: Effects on Nonresponse in Cross-Sectional and Longitudinal Surveys Invited Presentation at the International Workshop on "Explaining Interviewer Effects in Interviewer-Mediated Surveys", Mannheim, Germany, April 2013.

2012   (on maternity leave)

28. Sinibaldi, J., **Durrant, G.** and Kreuter, F. (2012): Evaluating the Measurement Error of Interviewer Observed Paradata, European Conference on Quality in Official Statistics, 31 May 2012.

29. **Durrant, G. B.**, Kreuter, F., Mueller, G. (2012): Improving Process Efficiency in Panel Surveys with Paradata, invited paper session, presented at the ESRC/NCRM Research Methods Festival, July 2012, Oxford.

30. D'Arrigo, J. Smith, P.W., **Durrant, G. B.** (2012) Analysing and Modelling Paradata, presented at the ESRC/NCRM Research Methods Festival, July 2012, Oxford.

31. Vassallo, R., Smith, P. and **Durrant, G.** (2012) A simulation study of the effect of sample size and level of interpenetration on inference from cross-classified multilevel logistic regression models, presented at the ESRC/NCRM Research Methods Festival, July 2012, Oxford.

32. Barbossa, D., **Durrant**, G.B. and Skinner, C. (2012) Evaluation of Interviewer Effects on Nonresponse Bias, session on 'measurement, survey quality and interviewers'. Joint Statistical Meeting. Section on Survey Research Methods.

    Also: organiser of a session on 'Analysing Paradata in Sample Surveys', ESRC/NCRM Research Methods Festival, July 2012, Oxford.

2011

33. **Durrant, G. B.** (2011): Modelling call record data using multilevel modelling: Examples from cross-sectional and longitudinal surveys, invited presentation at an International Workshop on Paradata, 3-4 November 2011, Nürnberg, Germany. The first day of the workshop was a preparation for an edited book on paradata, of which this paper formed one chapter.

    Also: Session organiser and chair of two sessions on 'Effects of Interviewers in Sample Surveys' with Ian Brunton-Smith, at the 4th European Survey Research Association Conference

    Also: Session organiser and chair of ISI invited paper session IPS33 'The use of paradata in response analysis, response monitoring and responsive design', with Barry Schouten

34. **Durrant, G.B.,** Vassallo, R., Smith, P. and Goldstein, H. (2011): Interviewer Effects on Wave Nonresponse in Longitudinal Surveys. Invited paper presented at the 4th European Survey Research Association Conference, Lausanne 18-22 July 2011.

35. **Durrant, G.B.** and D'Arrigo (2011): Interviewer Effects on the Process Leading to Cooperation or Refusal Using Interviewer Call Record Data, invited paper presentation, Session IPS33 'The use of paradata in response analysis, response monitoring and responsive design', <u>Invited Paper, Proceedings of the 58th Conference of the International Statistical Institute</u>, Dublin 2011.

36. Vassallo, R., **Durrant, G.B.,** Smith, P.W. and Goldstein, H. (2011): Interviewer Effects on Wave Non-response in a Longitudinal Survey: A Multilevel Analysis, Contributed paper proceedings of the 58th Conference of the International Statistical Institute, Dublin 2011.

37. D'Arrigo, J., **Durrant, G.B.** and Steele, F. (2011): Analyzing Interviewer Call Record Data Using a Multilevel Multinomial Modeling Approach to Understand the Process Leading to Cooperation or Refusal. <u>Invited paper</u> session 'Using paradata for field management, quality assurance, and statistical control', Joint Statistical Meeting, American Statistical Association, Florida, August 2011.

38. **Durrant, G.B.,** D'Arrigo, J. and Steele, F. (2011): Using Call Record to Analyze the Process Leading to Cooperation or Refusal: Experience from Six Household Surveys; Eighth International Workshop on Comparative Survey Design and Implementation (CSDI 2011), Paradata and Metadata in Comparative Research, London.

39. **Durrant, G.B.** D'Arrigo, J. and Steele, F. (2011) Analysing the Process Leading to Cooperation or Refusal Using Call Record Data: A Multilevel Multinomial Modelling Approach, <u>three invited</u> presentations at the University of Trier, University of Bonn and the Institute for Employment Research (Nürnberg), Germany, during May-July 2011.

40. **Durrant, G.B.,** Vassallo, R., Smith, P. and Goldstein, H. (2011): Interviewer Effects on Wave Nonresponse in Longitudinal Surveys, <u>invited paper</u>, presented at the University of Munich, Germany, July 2011.

41. **Durrant, G.B.** and D'Arrigo, J. (2011) Modelling the Process Leading to Cooperation or Refusal Using Interviewer Call Record Data, presentation given in the S3RI methodology seminar series at the University of Southampton, Feb 2011.

42. Bynner, J., **Durrant, G.B.,** Goldstein, H. et al. (2011): Factors affecting Attrition and Non-response in Longitudinal Surveys, <u>invited presentation</u> at a conference organised by the ESRC Survey Design and Measurement Initiative on 'New perspectives on survey nonresponse and attrition', 5 April, London, 2011.

2010   (on maternity leave)

43. **Durrant,** G.B. (2010): Modelling Paradata: Using Call Records, Interviewer Observation Data and Information on Interviewers, <u>Invited presentation</u> at the International Workshop on Responsive and Adaptive Survey Designs at the US Census Bureau, 14-15 Oct 2010.

44. D'Arrigo, J., **Durrant**, G.B. and Steele, F. (2010): What are best times to establish cooperation? Analysing interviewer call record data using a multilevel modelling approach, paper presented at the Research Symposium on 'Recent Advances in the Use of Paradata in Social Survey Research', jointly organised by the Social Statistics Section of the Royal Statistical Society, Royal Statistical Society, London.

45. **Durrant**, G.B., D'Arrigo, J. and Steele, F. (2010): Modelling the Process Leading to Cooperation or Refusal using Interviewer Call Record Data, poster presented at the 21st International Workshop on Household Survey Nonresponse, Nürnberg, 30 August -1 Sept 2010.

46. Lyons-Amos, M., **Durrant**, G.B. and Padmadas, S. (2010): How effective is traditional contraceptive use in Moldova? Evidence from the DHS contraceptive calendar, poster

presented at the British Society for Population Studies Annual Conference, University of Exeter, 13-15 September 2010.

47. Micklewright, J., **Durrant, G.B.**, Schnepf, S. and Skinner, C. (2010): Modelling contextual non-response behaviour in a multistage survey of school children, presented at the ESRC/NCRM Research Methods Festival, Oxford, 5-8 July.

48. Lyons-Amos, M.J., **Durrant, G.B.**, Padmadas, S.S. (2010): "The Effect of Contraceptive-Confidence on First-Birth Timing in Post-Socialist Moldova", Poster presented at the 75th Annual Meeting of the Population Association of America, Dallas TX.

2009

49. **Durrant**, G.B., D'Arrigo, J. and Steele, F. (2009): Using Paradata to Inform Best Times of Contact: A Multilevel Event History Modelling Approach, <u>invited paper session</u>, presented at the 2009 International Conference of the European Survey Research Association (ESRA), Warsaw, 29 June-3 July, (<u>also chair and organiser of session</u>, with Frauke Kreuter).

50. **Durrant**, G.B., D'Arrigo, J. and Steele, F. (2009): Interviewer Call Record Data to Predict Best Times of Contact Conditioning on Household and Interviewer Influences, <u>invited paper</u> presented at the International Workshop 'NCRM Network for Methodological Innovation 2009: The Use of Paradata in UK Social Surveys', London, 24-26 August 2009.

51. **Durrant,** G.B., Groves, R., Staetsky, L. and Steele, F. (2009): An Investigation of Interviewer Effects on Household Nonresponse Using a Multilevel Modelling Approach, <u>invited paper</u> presented at the 2009 international conference of the European Survey Research Association (ESRA) in a special session of the UK ESRC Survey Design and Measurement Initiative, Warsaw, 29 June-3 July.

52. Bynner, J., Goldstein, H. and **Durrant**, G.B. (2009): Solving the Problem of Attrition in Longitudinal Surveys?, <u>invited paper</u>, 2009 International Conference of the European Survey Research Association (ESRA), in a special session of the UK ESRC Survey Design and Measurement Initiative, Warsaw, 29 June-3 July.

53. D'Arrigo, J., **Durrant**, G. B. and Steele, F. (2009): Using Field Process Data to Inform Best Strategies for Cooperation, 20th International Workshop on Household Survey Nonresponse, 30 August-2 September 2009, Lausanne, Switzerland.

54. D'Arrigo, J., **Durrant**, G. B. and Steele, F. (2009): Using Field Process Data to Predict Best Times of Contact Conditioning on Household and Interviewer Influences, 1st International Conference of the Priority Programme on Survey Methodology: Improving Survey Methods, 12-13 November 2009, Bremen, Germany.

55. Steele, F. and **Durrant,** G.B. (2009): Alternative Approaches to Multilevel Modelling of Survey Noncontact and Refusal, 7th International Amsterdam Multilevel Conference, 8-10 April 2009, Amsterdam.

56. Lyons-Amos, M., **Durrant,** G.B. and Padmadas, S. (2009): The Correlates of Natural Method Use in Moldova; Is Natural Method Use Associated with Poverty and Isolation, And Can It Be Reduced by Family Planning Programs?, presentation in Poster Session 1, 26th International Population Conference in Marrakech, Morocco, 27 Sept- 2 Oct 2009.

2008

57. **Durrant**, G.B., Staetsky, L. and Steele F. (2008): The Effects of Interviewer Characteristics and Attitudes on Refusal in Face-to-Face Surveys, presented at a Special Interest Session on

Interviewer Effects at the 19th International Workshop on Household Survey Nonresponse, Ljubljana, September 2008. (also chair and organiser of session)

58. **Durrant**, G.B., Staetsky, L. and Steele F. (2008): An Investigation of Interviewer Effects on Household Nonresponse in Six UK Government Surveys, presented at the 7th International Conference on Social Science Methodology, International Sociological Association, Naples, September 2008.

59. **Durrant**, G.B., Staetsky, L. and Steele F. (2008): An Exploration of the Role of Interviewers on Survey Nonresponse Using a Multilevel Modelling Approach, invited paper presented at the Research Methods Festival, National Centre for Research Methods, Oxford, July 2008.

60. D'Arrigo, J. and **Durrant**, G.B. (2008): Using Paradata to Develop Hierarchical Response Propensity Models, presented at a Special Interest Session on Paradata at the 19th International Workshop on Household Survey Nonresponse, Ljubljana, September 2008.

61. Lyons-Amos, M., **Durrant**, G.B. and Padmadas, S. (2008): The Correlates of Natural Method Use in Moldova: Are Natural Methods Associated with Poverty and Isolation?, paper presented by Lyons-Amos at the Annual Conference of the British Society for Population Studies (BSPS), Manchester, September 2008.

62. Lyons-Amos, M., **Durrant**, G.B. and Padmadas, S. (2008): The Correlates of Natural Method Use in Moldova, paper presented at the Southampton-Groningen Workshop on Global Health, Population, Poverty and Policy, University of Southampton, June 2008.

2007   (on maternity leave)

63. **Durrant**, G.B. (2007): Linking Census, Interviewer Observation Data and Interviewer Information to Surveys: An Investigation of Unit Nonresponse in UK Surveys, *Proceedings of the 56th Session of the International Statistical Institute*, invited Paper Session, Lisbon, August 2007.

64. **Durrant**, G.B. (2007): Using Multilevel Multinomial Models to Analyse Household and Interviewer Effects in Survey Nonresponse, paper presented at the 18th International Workshop on Household Survey Nonresponse, Southampton, September 2007 (also chair and organiser of session).

65. Yu, F., Clarke, R. and **Durrant**, G.B. (2007): Using Tax Data as Substitution and Auxiliary Variables in the Australian Annual Integrated Collection, invited paper at the International Conference on Establishment Surveys (ICES-III), Quebec, June 2007.

2006

66. **Durrant**, G.B. (2006): Analysis of Household Survey Non-Response, invited paper presented at the Research Methods Festival, Oxford, July 2006.

67. **Durrant**, G.B. (2006): Modelling Household Nonresponse using the ONS Census-Link Study, invited paper, presented at the Royal Statistical Society, half-day meeting on 'Survey Response Rates', organised by the Royal Statistical Society, Social Statistics Section.

68. **Durrant**, G.B. (2006): A Semi-Parametric Multiple Imputation Data Augmentation Procedure, *Proceedings of the Section on Survey Research Methods, American Statistical Association*.

69. **Durrant**, G.B. (2006): Analysis of Household Survey Non-Response using a Multilevel Modelling Approach, *Proceedings of the European Conference on Quality in Survey Statistics*, Q2006, Cardiff.

2005

70. **Durrant**, G.B. (2005): The Use of Missing Data Methods in Official Statistics in the UK, <u>Keynote speaker in one of two plenary sessions</u>, German Statistical Week on Missing Data in Surveys, German Statistical Society, Braunschweig, Germany.

71. **Durrant,** G.B. (2005): Imputation and Weighting for Item-Nonresponse in an Earnings Variable in the UK Labour Force Survey, <u>Invited Paper</u>, Methodology Seminar Series, University of Wollongong, Australia.

72. **Beissel-Durrant**, G. (2005): Imputing Nonignorable Missing Data Using a Data Augmentation Approach, *Bulletin of the International Statistical Institute*, Sydney.

2004

73. **Beissel-Durrant**, G. and Skinner, C. (2004): Using Data Augmentation to Correct for Nonignorable Nonresponse when Surrogate Data are Available: An Application to the Distribution of Hourly Pay, <u>invited paper</u> presented at the ESRC/JRSS Conference on 'Statistical Methods for Attrition and Nonresponse in Social Surveys', Royal Statistical Society, May 2004.

74. **Beissel-Durrant**, G. (2004): A Comparison Between Imputation and Weighting for Handling Item-Nonresponse: An Application to the Estimation of Hourly Pay Distributions, <u>invited paper</u> presented at the Institute for Social and Economic Research (ISER), University of Essex, November 2004.

75. **Beissel-Durrant**, G. (2004): Predictive Mean Matching Imputation Versus Propensity Score Weighting in the Case of Item-Nonresponse, paper presented at the <u>International Conference of the Royal Statistical Society</u>, Manchester, September 2004.

Pre 2004

76. **Beissel-Durrant**, G. and Skinner, C. (2003): Comparing Predictive Mean Matching Imputation and Propensity Score Weighting for Item Non-Response, *Bulletin of the International Statistical Institute*, Vol. 1, Berlin, paper presented at the 54th Session of the International Statistical Institute, Berlin.

77. **Beissel**, G. (2002): Imputation Methods for Estimating Pay Distributions from Household Survey Data, paper presented at the Dataclean Conference 2002 in Jyväskylä, Finland.

78. Skinner, C. and **Beissel**, G. (2001): Estimating the Distribution of Hourly Pay from Survey Data, Paper presented by Chris Skinner at the CHINTEX Workshop, The Future of Social Surveys in Europe, Helsinki, pp. 1-15.

Teaching and Training Responsibilities and List of Courses Taught

I have extensive experience in Training and Capacity Building in the Social Sciences. As the **Director** of Training of the National Centre for Research Methods (since 2014) I am responsible for the development of a comprehensive national training strategy for advanced methods, including an annual short course programme with courses across the UK (45 days of training per year), online module series, autumn school series and PhD studentships. I also **lead** the Training and Capacity Building programme of the Administrative Data Research Centre for England with responsibility for a national training programme of short courses and online resources on administrative data (20 days of training per year). Both Centres are being funded by the Economic and Social Research Council (ESRC). Between 2005-2014 I was responsible for the management and coordination of the very successful CASS (Courses in Applied Social Surveys) short course programme in quantitative survey and research methods, run by the Southampton Statistical Sciences Research Institute and funded by the ESRC (**programme coordinator** (2005-2013) **and Director** (2013-2014)). I have organised more than 100 courses for CASS, providing training for more than 2,500 course participants.

I have taught an extensive range of courses at **Bachelor, Master and PhD level** as well as for professional development in quantitative social science methods. Activities include courses at the introductory/ intermediate level and in advanced research methods, in particular in my areas of research expertise. Throughout, I have received outstanding student evaluation performance reviews (all between 4.0 and 4.8 on a scale between 1.0 (lowest) and 5.0 (highest)).

Please note: All short courses listed below can be taught as semester long courses to Bachelor and and Masters students. Due to my research grant activities I have received teaching relief. I was on a research sabbatical during April-August 2011 and on maternity leave during 2005/06, 2009/10 and 2012 and was exempt from teaching activities during these periods.

Online learning resource:

Title
Introduction to Poisson regression models for count data Developed for the ESRC National Centre for Research Methods online learning resource series, July 2016 available from: http://www.ncrm.ac.uk/resources/online/poisson_regression_models/

Courses:

	Mean Lecturer Rating (5.0 highest to 1.0 lowest)	Mean Course Rating (5.0 highest to 1.0 lowest)
2016/2017		
Survey Design (Spring 2017; RESM6005; semester long course for MSc students)	forthcoming	forthcoming
Quantitative Methods (Autumn 2016; RESM6004; semester long course for MSc students; for students from a wide range of social science backgrounds, such as sociology, psychology etc)	forthcoming	forthcoming
2015/2016		
Generalised Linear Models (March 2016; STAT6090; 23 students enrolled; 5 days intensive course, Master and PhD level, Professional	4.9	4.4

Development, part of the MSc in Official Statistics)		
2014/2015		
Multilevel Modelling (June 2015, 3 days intensive course, Master and PhD level, Professional Development; part of the ESRC National Centre for Research Methods programme)	4.4	4.7
Multilevel Approaches to the Analysis of Repeated Measures Data (Feb 2015, 5 days intensive course, Masters and PhD level; part of the MSc in Official Statistics)	4.5	4.5
2013/14		
Applied Multilevel Modelling (Feb 2014, 3 days intensive course, Masters and PhD level, CASS short course, University of Southampton, fully booked, 30 participants)	4.7	4.4
Using Paradata to Enhance Survey Design and Analysis (Oct 2013, 2 days intensive course, Master and PhD level, Professional Development, CASS short course, University of Southampton, fully booked, 29 participants)	4.3	4.5
2012/13		
Applied Multilevel Modelling (Jan 2013, 3 days intensive course, Master and PhD level, CASS short course, University of Southampton, fully booked, 29 participants)	4.7	4.4
2011/12		
Survey Data Analysis I: Inferential and Descriptive Statistics (Nov 2011, 3 days, Bachelor level, Professional Development, CASS short course, University of Southampton, fully booked, 27 participants)	4.7	4.3
2010/11		
Survey Data Analysis I: Inferential and Descriptive Statistics (Nov 2011, 3 days, Bachelor level, CASS short course, University of Southampton, 26 participants, fully booked)	4.7	4.7
Paradata in Survey Research (Dec 2010, 2 days, Master and PhD level, Professional Development, CASS short course, University of Southampton, 25 participants, fully booked)	4.6	4.6
Applied Multilevel Modelling (June 2010, 3 days, Master and PhD level, Professional Development, CASS short course, University of Southampton)	4.5	4.2
2009/10		
Survey Data Analysis I: Inferential and Descriptive Statistics (Sept 2009, Bachelor level, Professional Development, CASS short course, University of Southampton)	4.6	4.6
Introduction to Survey Data Analysis Methods (Aug 2009, tailor-made S3RI short course for the Office for Public Management, Professional Development, London)	4.6	4.0
2008/09		
Handling Unit-Nonresponse in Sample Surveys (June 2009, Master and PhD level, Professional Development, CASS short course, University of Southampton)	4.5	4.5

Survey Data Analysis I: Inferential and Descriptive Statistics (Nov 2008, Bachelor Level, CASS short course, University of Southampton)	4.8	4.7
2007/08		
Handling Unit-Nonresponse in Sample Surveys (March 2008, Master and PhD level, Professional Development, CASS short course, University of Southampton)	This course was evaluated using a different evaluation form, examples from this are: 75% said the course material was very useful; 100% indicated that the speakers' level of knowledge was very good or good (on a 5 point scale).	
Survey Data Analysis I: Inferential and Descriptive Statistics (Nov 2007, Bachelor level, Professional Development, CASS short course, University of Southampton)	4.8	4.6
2005/06		
Multilevel Modelling (Feb-July 2006, semester long course, part of the MSc in Social Statistics, Master and PhD level, University of Southampton)	4.4	4.5
Survey Sampling (May 2006, Master level, Professional Development, CASS short course, University of Southampton)	NA	NA
Survey Data Analysis II: Simple and Multiple Linear Regression (Jan 2006, Bachelor and Master level, Professional Development, CASS short course, University of Newcastle)	NA	NA
Introduction to Statistical Concepts (May 2006, Bachelor level, tailor-made short course for the Department for International Development, Glasgow, Professional development)	NA	NA
Survey Data Analysis I: Inferential and Descriptive Statistics, (Nov 2005, Bachelor level, Professional Development, CASS short course, University of Newcastle)	NA	NA
2004/05		
Multilevel Modelling (Feb-July 2005, Master and PhD level, semester long course, part of the MSc in Social Statistics, University of Southampton)	4.0	4.2