Professor George Leckie - Curriculum Vitae
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Academic positions:
2019 –	Full Professor of Social Statistics, SoE, University of Bristol
2016 – 2019	Associate Professor: Reader in Social Statistics, SoE, University of Bristol
2013 – 2016	Assistant Professor: Senior Lecturer in Social Statistics, SoE, University of Bristol
2010 – 2013	Assistant Professor: Lecturer in Social Statistics, SoE, University of Bristol
2009 – 2010	Research Associate, Centre for Multilevel Modelling, University of Bristol
2008 – 2009	Research Assistant, Centre for Market and Public Organisation, University of Bristol

Other positions:
2015 –	Co-Director Centre for Multilevel Modelling, University of Bristol
2018 – 2021	Guest Researcher (status-only), Faculty of Medicine, Lund University, Sweden
2017 – 2019	Associate Editor for *Journal of the Royal Statistical Society: Series A (Statistics in Society)*
2014 – 2017	Associate Professor (status-only), Grad. Dept. of Applied Psychology, Uni. Toronto

Academic qualifications:
2005 – 2008	PhD, Education, University of Bristol (Supervised by Professor Harvey Goldstein)
2003 – 2004	MSc in Economics and Econometrics, University of Bristol (Distinction)
2000 – 2003	BSc in Economics, University of Bristol (1st Class)

Honours and awards (selected):
2019	British Educational Research Association Public Engagement and Impact Award
2017	Royal Statistical Society Frances Wood Medal *for contributions to social statistics*

Research grants (P-I on 3 grants totalling £1 million and Co-I on 10 grants totalling £7 million; funded for 40% of time during the 14-year period Oct 2010 - Sept 2024) (selected):

2024 – 2027	"Parallel Lives" 20 Years On: Identifying the Drivers of Interethnic Contact in the UK. ESRC Standard Grant. **£615,000, Co-I** at 5% FTE.
2023 – 2026	Understanding intersectionality: developing intersectional quantitative methods, with applications to health inequalities and social mobility. ESRC. **£827,000**. ES/X011313/1. *Co-Investigator* (10% FTE).
2022 – 2024	The 2020 GCSE and A-level 'exam grades fiasco'. ESRC Secondary Data Analysis Initiative, **£299,000**. ES/W000555/1. ***Principal-Investigator*** (35% FTE).
2018 – 2022	How should we measure school performance and hold schools accountable? ESRC Standard Grant, **£467,000**. ES/R010285/1. ***Principal-Investigator*** (30% FTE).
2018 – 2021	Multilevel Analyses of Individual Heterogeneity: innovative concepts and methodological approaches in Public Health and Social Epidemiology, Swedish Research Council, **£436,900**. 2017-01321. *Co-Investigator* (12.5% FTE).
2016 – 2019	Modelling within-individual variation in repeated continuous exposures, MRC-NIHR Methodology Research Programme, **£398,000**. MR/N027485/1. *Co-Investigator* (2.5% FTE).
2013 – 2016	eBooks: The use of interactive electronic books in the teaching and application of modern quantitative methods in the social sciences, ESRC, **£786,000**. ES/K007246/1. *Co-Investigator* (5% FTE).
2013 – 2015	Multilevel modelling of the Government's new school performance measures, ESRC, **£207,000**. ES/K000950/1. ***Principal-Investigator*** (60% FTE).
2011 – 2014	LEMMA 3: Longitudinal effects, multilevel modelling and applications, ESRC NCRM node, **£1,394,000**. RES-576-25-0032. *Co-Investigator* (20% FTE).
2009 – 2012	e-STAT: National Centre for E-social Science Quantitative Node, ESRC, **£1,100,000**. RES-149-25-1084. *Co-Investigator* (20% FTE in Year 3)
2008 – 2011	STRUCTURES for building, learning, applying and computing statistical models, ESRC, **£1,200,000**. RES-576-25-0003. *Co-Investigator* (20% FTE in Year 3)

Peer-reviewed journal articles (selected from 89; Google Sch. Citations = 4,970; H-index = 40):

Leckie, G. & Maragkou, K. (2024). Student Sociodemographic and School Type Differences in Teacher-Predicted vs. Achieved Grades for University Admission. *Higher Education. Forthcoming.*

Leckie, G., Parker, R., Goldstein, H., & Tilling, K. (2024). Mixed-effects location scale models for joint modeling school value-added effects. *Journal of Educational and Behavioral Statistics. Forthcoming.*

Leckie, G. and Prior, L. (2022). A comparison of value-added models for school accountability. *School Effectiveness and School Improvement*, 33(3): 431-455.

Leckie, G., Browne, W., Goldstein, H., Merlo, J., Austin, P. (2020). Variance partitioning in multilevel models for count data. *Psychological Methods,* 25(6):787-801.

Leckie, G. and Goldstein, H. (2019). The importance of adjusting for pupil background in school value-added models. *British Educational Research Journal*, 45, 518-537.

Leckie, G. (2018). Avoiding bias when estimating the consistency and stability of value-added school effects using multilevel models. *Journal of Educational and Behavioral Statistics*, 43, 440-468.

Leckie, G., & Goldstein, H. (2017). The evolution of school league tables in England 1992-2016. *British Educational Research Journal*, 43, 193-212.

Leckie, G. and Goldstein, H. (2015). A multilevel modelling approach to measuring changing patterns of ethnic composition and segregation among London secondary schools, 2001-2010. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*, 178, 405-422.

Leckie, G., French, R., Charlton, C., and Browne, W. (2014). Modeling heterogeneous variance components in two-level models. *Journal of Educational and Behavioral Statistics*, 39, 307-332.

Peer-reviewed journals published in (selected):

American Journal of Epidemiology; American Sociological Review; BMJ Open; British Educational Research Journal; British Journal of Sociology of Education; Criminology; Developmental Psychology; Journal of Research on Educational Effectiveness; Journal of Statistical Computation and Simulation; Journal of the Royal Statistical Society: Series A; Journal of Statistical Software; Social Networks; Social Science and Medicine: Population Health; Review of Education; School Effectiveness and School Improvement; Sociological Methodology; Statistics in Medicine; Statistical Methods in Medical Research.

Conference keynote lectures (selected from over 30 other invited presentations):

2022	International Multilevel Modelling conference. Utrecht.
2018	EARLI Special Interest Group - Educational Effectiveness. Groningen.
2015	Austrian Statistics Days. Vienna.

International seminars (selected drom over 30 other invited presentations):

Amsterdam, Brisbane, Berkeley, Chicago, Colorado, Cornell, Leuven, Sydney, Tubingen, Toronto

International short courses (selected from over 50 invited short courses across 10 countries):

Bamberg, Belfast, Brisbane, Brussels, Cincinnati, Dublin, Edinburgh, Ghent, Giessen, Groningen, Malmo, Paris, Sydney, Tübingen, Zurich

External advisory work (selected):

Bulgarian Ministry of Education; Colombian Evaluation Institute; Department for Education; Higher Education Academy; Home Office; National Assessment Agency; Slovak Republic; Pearson Education; RAND Europe; UCAS; The Times and Sunday Times; World Bank.

Other external professional activities (selected):

2019, 2023	Invited oral witness at House of Commons and House of Lords committees
2022 –	ADR UK Ambassador *for improving use of administrative data in academic research*
2017, 2019	Member of various specialist ESRC grant panels
2017 – 2018	Members of OfS Learning Gain Expert Group & Benchmarking Review Group
2014 – 2021	Co-organiser of DfE National Pupil Database User Group
2011 – 2015	Member of Royal Statistical Society's Social Statistics & Prof. Dev. committees