

CURRICULUM VITAE

Professor Richard Harris FAcSS

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ONS Accredited Researcher, 2000429

Fellow of the Academy of Social Sciences

Fellow of the Royal Geographical Society (with IBG)

Fellow of the Higher Education Academy

Turing Institute Fellow (until 2023)

PROFESSIONAL INTERESTS

My primary research interests are in social geography and applications of quantitative methods for revealing socio-spatial inequalities. Work has included the geographies of education and the education of geographers – focusing especially on the development, application and teaching of quantitative methods in the social sciences –, choice and markets in educational systems, the geographies of COVID-19, and measures of social and ethnic segregation, and geodemographic analysis. I have undertaken many key, student-facing roles in the University including, presently, Director of the South West Doctoral Training Partnership (SWDTP).

PRESENT APPOINTMENTS

Director of the South West Doctoral Training Partnership (SWDTP) (January 2020 –)

which I have led through its multimillion pound rebid process and expansion to eight universities across the South West.

Professor of Quantitative Social Geography, School of Geographical Sciences, University of Bristol (August 2014 –)

PREVIOUS APPOINTMENTS

Reader of Quantitative Geography, School of Geographical Sciences, University of Bristol (August 2012 – August 2014)

Senior Lecturer in Geography, School of Geographical Sciences, University of Bristol (August 2008 – July 2012)

Lecturer in GIS and Spatial Analysis, School of Geographical Sciences, University of Bristol (March 2004 – July 2008)

Principal Lecturer in GIS and e-learning, School of Computing, University of Glamorgan (Aug 2003 – Feb 2004)

Lecturer, School of Geography, Birkbeck College, University of London (September 2000 – July 2003)

Research Associate, School of Geography, University of Bristol / Centre for Advanced Spatial Analysis, University College London (October 1999 – September 2000)

ACADEMIC QUALIFICATIONS

Certificate in Theology (with merit), Trinity College (University of Bristol), 2011

Professional Accreditation of Teaching in Higher Education (with distinction), Institute of Education, University of London, 2003
Ph.D. ('Geodemographics and the Analysis of Urban Lifestyles'), University of Bristol, 1996-1999, unconditional pass
M.Sc. Society and Space (with distinction), University of Bristol, 1995-1996
B.Sc. (Hons), upper second, Geography, University of Bristol, 1992-1995

AWARDS

Winner of The Royal Geographical Society (with the Institute of British Geographers) 2014 Taylor & Francis Award for excellence in the promotion and practice of teaching quantitative methods

Joint winner (with Prof. R. Johnston) of the Market Research Society's annual David Winton Award for Technical Excellence (2006) for a paper entitled 'Do survey respondents and non-respondents differ?'

UNIVERSITY ROLES SERVED (in reverse chronological order)

Director of the South West Doctoral Training Partnership (SWDTP) (January 2020 –)

This is a cross-institutional role across eight partner institutions, directing a core team of six staff in Bristol and working alongside 13 senior Management Board members (academic and two representatives from industry), 8 institutional Academic Leads, 13 Advisory Board members (academic and professional services staff), 68 Pathway Leads and a network of institutional coordinators. Our present intake is 45 students per year, exclusive of match-funded studentships, with a monetary value in excess of £4 million per annum.

Member of the University of Bristol Review (Appeals) Panel (current)

An occasional role as a panel member reviewing student appeal cases

Impact Director, Human Geography, University of Bristol (current)

My role is to help promote and support the development of impact among my human geography colleagues in preparation for the next REF.

Head of Postgraduate School, Human Geography, University of Bristol

Prior to becoming SWDTP Director, I was Head of the Postgraduate School in Human Geography, representing the School and its students in the Faculty of Social Sciences & Law.

Founding Director of the University of Bristol Q-Step Centre (2013 – 19)

I led the University's £1.3 million bid to the Nuffield Foundation (with ESRC and HEFCE) for a Q-Step Centre – one of fifteen such centres nationally charged with leading a step-change in quantitative methods teaching in the UK social sciences – as well as its bid for extension and transition funding. I led the Bristol Centre at Director from its formation in 2013 to the end of the academic year 2019, during which time six new BSc and six parallel MSci programmes were created offering enhanced quantitative skills training across the social sciences. This involved working collaboratively across two faculties and six schools/departments.

Senior Tutor and Chair of the University's Senior Tutor network

For three years I was the first Senior Tutor in the School of Geographical Sciences and also the first chair of the University's Senior Tutor network, for which I also a member of the University's Student Experience Committee. From this role, I have a Mental Health First Aid qualification and also have training in suicide awareness and prevention.

Head of Undergraduate Teaching, School of Geographical Sciences, University of Bristol

I served in this role for three years and we received a 100% NSS satisfaction score for one year of my tenure.

DISCIPLINARY ROLES SERVED

Member of the A-level Content Advisory Board for Geography (2014); Member of the QAA Subject Benchmark Statement for Geography review panel (2014); Member of the REF sub-panel for geography (2021-2)

PREVIOUS EDITORIAL ROLES

Associate Editor: Transactions of the Institute of British Geographers; Editor: Journal of the Royal Statistical Society Series A (Statistics in Society); Editor: Environment and Planning B: Urban Analytics and City Science

TEACHING

I continue to take a keen interest in teaching quantitative methods to students and in supporting numeracy and statistical literacy more widely in the discipline of geography, having worked with the Nuffield Foundation producing material to support schoolteachers in numeracy and the teaching of quantitative methods in geography, as the academic lead for the RGS-IBG Data Skills in Geography project. I presently teaching a module to Masters students on our MSc Geographic Data Science and Spatial Analytics programme, entitled Mapping and Modelling Geographic Data in R, <https://profrichharris.github.io/MandM/>.

PhD STUDENTS

As of October 2023, I supervise / co-supervise 11 PhD students and have (co-) supervised a further eight to completion.

Topics include education, residential and social mobility, migration, debt, geographies of obesity, spatial statistics, geographic data science and machine learning.

Funding includes ESRC, Chinese Scholarship Council, the Saudi Arabian government, Bristol-University of Cape Town partnership funding and self-funding.

RESEARCH PUBLICATIONS

2023

Yin, X, Aiken, JM, [Harris, R](#) & Bamber, JL 2023 'Spatio-temporal spread of COVID-19 and its associations with socioeconomic, demographic and environmental factors in England: A Bayesian hierarchical spatio-temporal model'. <https://doi.org/10.48550/arXiv.2308.09404>

Zhou, Y, [Harris, RJ](#) & Tranos, E 2023, 'Where is the Geography? A study of the predictors of obesity using UK Biobank data and machine learning', *Journal of Geovisualization and Spatial Analysis*, 7 (17). <https://doi.org/10.1007/s41651-023-00142-4>

Collier, SHC, House, JI, Connor, P & [Harris, RJ](#) 2023, 'Distributed local energy: assessing the determinants of domestic-scale solar photovoltaic uptake at the local level across England and Wales', *Renewable and Sustainable Energy Reviews*, 171 (January 2023) (113036). <https://doi.org/10.1016/j.rser.2022.113036>

Comber, A, Brunsdon, C, Charlton, M, Dong, G, [Harris, RJ](#), Lu, B, Lu, Y, Murakami, D, Nakaya, T, Wang, Y & Harris, P 2021, 'A route map for successful applications of Geographically Weighted Regression', *Geographical Analysis*, 55 (1), 155 – 178. <https://doi.org/10.1111/gean.12316>

2022

Zhou, T, Harris, RJ & Manley, DJ 2022, 'Childhood Socioeconomic Status and Late-Adulthood Health Outcomes in China: A Life-Course Perspective', *Applied Spatial Analysis and Policy*, 16 (2), pp. 511 – 536. <https://doi.org/10.1007/s12061-022-09489-5>

Harris, RJ 2022, Multilevel models. In SJ Rey & RS Franklin (eds), *Spatial Analysis in the Social Sciences*. Edward Elgar Publishing, pp. 173 – 186.

Johnston, R & Harris, RJ 2022, 'The Spatial Variable: Professor Ron Johnston's Inaugural Lecture (University of Sheffield, 1975)', *Scottish Geographical Journal*, 138 (1-2), 103 – 129. <https://doi.org/10.1080/14702541.2022.2089722>

2021

Harris, RJ & Brunsdon, C 2021, 'Measuring the exposure of Black, Asian and other ethnic groups to COVID-infected neighbourhoods in English towns and cities', *Applied Spatial Analysis and Policy*, 15 (2), 621 – 646. <https://doi.org/10.1007/s12061-021-09400-8>

2020

Harris, RJ 2020, 'Exploring the neighbourhood-level correlates of Covid-19 deaths in London using a difference across spatial boundaries method', *Health and Place*, vol. 66. <https://doi.org/10.1016/j.healthplace.2020.102446>

Macleavy, J, Harris, RJ & Johnston, R 2020, 'The unintended consequences of Open Access publishing – and possible futures', *Geoforum*, vol. 112, June, 9 – 12. <https://doi.org/10.1016/j.geoforum.2019.12.010>

Harris, RJ & Johnston, R 2020, *Ethnic Segregation Between Schools: Is It Increasing or Decreasing in England?* University of Bristol Press, Bristol.

Zhang, N, Wang, W, Harris, R & Leckie, G 2020, 'Analysing inter-provincial urban migration flows in China: A new multilevel gravity model approach: A new multilevel gravity model approach', *Migration Studies*, vol. 8, no. 1, mny026, 19 – 42. <https://doi.org/10.1093/migration/mny026>

Harris, RJ 2020, 'Featured Graphic: Visualising the scales of ethnic diversity in London using a multilevel entropy index', *Environment and Planning A*, 52 (7), 1239 – 1242. <https://doi.org/10.1177/0308518X20904728>

Harris, RJ 2020, *An independent review of quantitative methods in A Level geography*. Royal Geographical Society (with IBC).

2019

Johnston, R, Harris, RJ, Jones, K, Manley, D, Wang, WW & Wolf, L 2019, 'Quantitative methods I: The world we have lost – or where we started from', *Progress in Human Geography*, 43 (6), 1133 – 1142. <https://doi.org/10.1177/0309132518774967>

Sweet, A, Harris, R & Manley, D 2019, 'Better to Stay or Go? A Longitudinal Study of Mobility over the Compulsory Educational Life Course', *Applied Spatial Analysis and Policy*, 12 (3), 697 – 717. <https://doi.org/10.1007/s12061-018-9263-9>

Harris, RJ 2019, Not just nuisance: spatialising social statistics. In A Whitworth (ed.) *Towards a Spatial Social Policy: Bridging the Gap Between Geography and Social Policy*. Policy Press, Bristol, 149 – 174.

Gamsu, S, Donnelly, M & Harris, RJ 2019, 'The spatial dynamics of race in the transition to university: Diverse cities and White campuses in U.K. higher education', *Population, Space and Place*, 25 (5) (e2222). <https://doi.org/10.1002/psp.2222>

2018

Harris, R, & Owen, D 2018, 'Implementing a Multilevel Index of Dissimilarity in R with a case study of the changing scales of residential ethnic segregation in England and Wales', *Environment and Planning B: Urban Analytics and City Science*, 45 (6), 1003 – 1021. <https://doi.org/10.1177/2399808317748328>

Harris, R & Johnston, R 2018, 'Measuring and modelling segregation - New concepts, new methods and new data', *Environment and Planning B: Urban Analytics and City Science*, 45 (6), 999 – 1002. <https://doi.org/10.1177/2399808318808889>

Harris, R 2018, 'Segregation in the City? A Case Study of London', *Geography Review*.

Harris, R 2018, 'From data to knowledge: teaching data skills in geography', *Geography*, 1 (1). <https://www.geography.org.uk/Journal-Issue/ad0f1171-9c88-42ea-8318-a6329d53ed3c>

Harrison, N, Davies, S, Harris, R & Waller, R 2018, 'Access, participation and capabilities: theorising the contribution of university bursaries to students' wellbeing, flourishing and success', *Cambridge Journal of Education*, 48 (6), 675 – 695. <https://doi.org/10.1080/0305764X.2017.1401586>

Harris, R, Charlton, M & Brunsdon, C 2018, 'Mapping the changing residential geography of White British secondary school children in England using visually balanced cartograms and hexograms', *Journal of Maps*, 14 (1), 65 – 72. <https://doi.org/10.1080/17445647.2018.1478753>

2017

Harris, RJ 2017, 'Local statistics and place-based analysis. In D Richardson et al. (eds) *The Wiley-AAG International Encyclopedia of Geography*'. <https://doi.org/10.1002/9781118786352.wbieg0491>

Harris, R, Charlton, M, Chris, B & Manley, D 2017, 'Featured Graphic. Balancing Visibility and Distortion: Remapping the results of the 2015 UK General Election', *Environment and Planning A*, 49 (9), 1945 – 1947. <https://doi.org/10.1177/0308518X17708439>

Harris, R 2017, 'Measuring the scales of segregation: Looking at the residential separation of white British and other school children in England using a multilevel index of dissimilarity', *Transactions of the Institute of British Geographers*, vol. 42 (3), 432–444 . <https://doi.org/10.1111/tran.12181>

Owen, G, Jones, K & Harris, R 2017, 'Does neighbourhood deprivation affect the genetic influence on body mass?', *Social Science and Medicine*, vol. 185, July, pp. 38 – 45. <https://doi.org/10.1016/j.socscimed.2017.05.041>

Harris, R, O'Sullivan, D, Gahegan, M, Charlton, M, Comber, L, Longley, PA, Brunsdon, C, Malleson, N, Heppenstall, A, Singleton, A, Arribas-Bel, D & Evans, A 2017, 'More bark than

bytes? Reflections on 21+ years of geocomputation', *Environment and Planning B: Urban Analytics and City Science*, 44 (4), 598 – 617. <https://doi.org/10.1177/2399808317710132>

Manley, DJ, Johnston, R, Jones, K, Hoare, T & Harris, RJ 2017, 'British educational trajectories from school to university: evaluating quantitative evidence in policy formulation and justification', *Policy and Politics*, 45 (2), 137 – 155.
<https://doi.org/10.1332/030557316X14598535404750>

Johnston, R, Harris, R, Jones, K & Manley, D 2017, 'Segregation at school and at home: An English exploration', *BELGEO*, no. 2 – 3, 18730. <https://doi.org/10.4000/belgeo.18730>

2016

Harris, RJ 2016, 'Voluntary separation or voluntary mixing?', *Dialogues in Human Geography*, 6 (3), 305 – 307. <https://doi.org/10.1177/2043820616644371>

Harris, R & Charlton, M 2016, 'Voting out of the European Union: Exploring the geography of Leave', *Environment and Planning A*, 48 (11), 2116 – 2128.
<https://doi.org/10.1177/0308518X16665844>

Davies, S & Harris, R 2016, Widening participation? Exploring the effect of financial support and outreach on the choices and experiences of students in Bristol. University of Bristol. <http://www.bris.ac.uk/media-library/sites/geography/pfrc/pfrc1612-widening-participation.pdf>

Johnston, R, Owen, D, Manley, D & Harris, R 2016, 'House price increases and higher density housing occupation: the response of non-white households in London, 2001–2011', *International Journal of Housing Policy*, 16 (3), 357 – 375. <https://doi.org/10.1080/14616718.2015.1130607>

Harris, R 2016, *Quantitative Geography: The Basics*. SAGE Publications Ltd., London.

Harris, R, Johnston, R & Burgess, S 2016, 'Tangled spaghetti: Modelling the core catchment areas of London's secondary schools', *Environment and Planning A*, 48 (9), 1681 – 1683.
<https://doi.org/10.1177/0308518X15603987>

Owen, GTN, Harris, RJ & Jones, K 2016, 'Under examination: Multilevel models, geography and health research', *Progress in Human Geography*, 40 (3), 394 – 412 .
<https://doi.org/10.1177/0309132515580814>

Harris, R 2016, 'Measuring segregation as a spatial optimisation problem, revisited: a case study of London, 1991–2011', *International Journal of Geographical Information Science*, 30 (3), 474 – 493. <https://doi.org/10.1080/13658816.2015.1032973>

Johnston, R, Manley, D, Jones, K, Harris, RJ & Hoare, AG 2016, 'University Admissions and the Prediction of Degree Performance: An Analysis in the Light of Changes to the English Schools' Examination System', *Higher Education Quarterly*, 70 (1), 24 – 42.
<https://doi.org/10.1111/hequ.12067>

Harris, R 2016, A Short Introduction to Quantitative Geography. Royal Geographical Society (with IBG). <http://www.rgs.org/NR/rdonlyres/46EB70CA-5508-4FB6-9629-ECD718CDCB83/0/AShortIntroductiontoQuantitativeGeography.pdf>

Harris, RJ & Feng, Y 2016, 'Putting the geography into geodemographics: Using multilevel modelling to improve neighbourhood targeting - a case study of Asian pupils in London', *Journal of Marketing Analytics*, 4 (2), 93 – 107. <https://doi.org/10.1057/s41270-016-0003-1>

2015

Dong, G, Harris, RJ, Jones, K & Yu, J 2015, 'Multilevel Modelling with Spatial Interaction Effects with Application to an Emerging Land Market in Beijing, China', *PLoS ONE*, 10 (6), e0130761. <https://doi.org/10.1371/journal.pone.0130761>

Dong, G, Ma, J, Harris, R & Pryce, G 2015, 'Spatial Random Slope Multilevel Modeling Using Multivariate Conditional Autoregressive Models: A Case Study of Subjective Travel Satisfaction in Beijing', *Annals of the Association of American Geographers*, 106 (1), 19 – 35. <https://doi.org/10.1080/00045608.2015.1094388>

Harris, R, Johnston, R & Manley, D 2015, 'The changing interaction of ethnic and socio-economic segregation in England and Wales, 1991-2011', *Ethnicities*, 17 (3), pp. 320 – 349. <https://doi.org/10.1177/1468796815595820>

2014

Łaszkiwicz, E, Dong, G & Harris, RJ 2014, 'The Effect Of Omitted Spatial Effects And Social Dependence In The Modelling Of Household Expenditure For Fruits And Vegetables', *Comparative Economic Research*, 17 (4), 155 – 172. <https://doi.org/10.2478/cer-2014-0038>

Milligan, L, Rose, J & Harris, RJ 2014, 'Convincing Students? Quantitative Junkies, Avoiders and Converts on a Cross-Disciplinary Course Using Quantitative Narratives', *Enhancing Learning in the Social Sciences*, 6 (2), 59 – 73. <https://doi.org/10.11120/elss.2014.00039>

Johnston, R, Harris, RJ, Jones, K, Manley, DJ, Sabel, CE & Wang, WW 2014, 'One step forward and two steps back to the proper appreciation of spatial science', *Dialogues in Human Geography*, 4 (1), 59 – 69. <https://doi.org/10.1177/2043820614526818>

Johnston, R, Harris, RJ, Jones, K & Manley, DJ 2014, 'A response to Gorard', *The Psychology of Education Review*, 38 (2), 5 – 8.

Harris, RJ 2014, Evidence and trends: are we becoming more integrated, more segregated or both? In D Goodhart (ed.), *Mapping Integration*. Demos, London, pp. 15 – 24. <http://www.demos.co.uk/publications/mappingintegration>

Harris, RJ, Tate, N, Souch, C, Singleton, A, Orford, S, Keylock, C, Jarvis, C & Brunson, C 2014, 'Geographers Count: A Report on Quantitative Methods in Geography', *Enhancing Learning in the Social Sciences*, 6 (2), 43 – 58. <https://doi.org/10.11120/elss.2014.00035>

Harris, RJ 2014, 'Measuring changing ethnic separations in England: a spatial discontinuity approach', *Environment and Planning A*, 46 (9), 2243 – 2261. <https://doi.org/10.1068/a130021p>

Johnston, R, Harris, RJ, Jones, K, Manley, DJ, Sabel, CE & Wang, WW 2014, 'Mutual misunderstanding and avoidance, misrepresentations and disciplinary politics: spatial science and quantitative analysis in (United Kingdom) geographical curricula: Spatial science and quantitative analysis in (UK) geographical curricula', *Dialogues in Human Geography*, 4 (1), 3 – 25. <https://doi.org/10.1177/2043820614525706>

Souch, C, Fitzpatrick, K & Harris, RJ 2014, *Skills in Mathematics and Statistics in Geography and tackling transition*. Higher Education Academy. https://www.heacademy.ac.uk/resources/detail/detail/disciplines/Maths_Stats_OR/Skills-in-Mathematics-and-Statistics-in-geography

Harris, RJ 2014, 'Sleepwalking towards Johannesburg'? Local measures of ethnic segregation between London's secondary schools, 2003-08/09. In CD Lloyd, IG Shuttleworth, DWS Wong (eds) *Social-Spatial Segregation: Concepts, Processes and Outcomes*. Policy Press, Bristol, pp. 221 – 245.

Dong, G & Harris, RJ 2014, 'Spatial Autoregressive Models for Geographically Hierarchical Data Structures'. *Geographical Analysis*, 47 (2), 173 – 191. <https://doi.org/10.1111/gean.12049>

2013

Harris, R, Johnston, R, Jones, K & Owen, D 2013, 'Are indices still useful for measuring socioeconomic segregation in UK schools? A response to Watts', *Environment and Planning A*, 45 (10), 2281 – 2289. <https://doi.org/10.1068/a130118c>

Harris, RJ 2013, 'Featured graphic: Ethno-demographic change in English local authorities, 1991-2011', *Environment and Planning A*, 45 (9), 2027 – 2029. <https://doi.org/10.1068/a46226>

Harris, RJ & Rose, S 2013, 'Who benefits from grammar schools? A case study of Buckinghamshire, England', *Oxford Review of Education*, 39 (2), 151 – 171. <https://doi.org/10.1080/03054985.2013.776955>

Harris, RJ 2013, 'Geographies of transition and the separation of lower and higher attaining pupils in the move from primary to secondary school', *Transactions of the Institute of British Geographers*, 38 (2), 254 – 266. <https://doi.org/10.1111/j.1475-5661.2012.519.x>

Harris, RJ, Fitzpatrick, K, Souch, C, Brunson, C, Jarvis, C, Keylock, C, Orford, S, Singleton, A & Tate, N 2013, *Quantitative Methods in Geography: Making the Connections between Schools, Universities and Employers*. Royal Geographical Society (with IBG). http://www.researchgate.net/publication/256191493_Quantitative_Methods_in_Geography_Making_the_Connections_between_Schools_Universities_and_Employers

Harris, RJ, Dong, G & Zhang, W 2013, 'Using Contextualised Geographically Weighted Regression to Model the Spatial Heterogeneity of Land Prices in Beijing, China', *Transactions in GIS*, 17 (6), 901 – 919. <https://doi.org/10.1111/tgis.12020>

2012

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2011

Harris, R & Johnston, R 2011, 'Comments on Singleton et al. Computers, Environment and Urban Systems 35, 2010 "Estimating Secondary School Catchment Areas and the Spatial Equity of Access"', *Computers, Environment and Urban Systems*, 35 (6), 493 – 494. <https://doi.org/10.1016/j.compenvurbsys.2011.05.009>

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<https://doi.org/10.1016/j.healthplace.2011.01.002>

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Harris, RJ 2011, 'Measuring segregation – a geographical tale', *Environment and Planning A*, 43 (8), 1747 – 1753. <https://doi.org/10.1068/a441>

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2010

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2008

Harris, RJ & Johnston, RJ 2008, 'Primary Schools, Markets and Choice: Studying Polarization and the Core Catchment Areas of Schools', *Applied Spatial Analysis and Policy*, 1 (1), 59 – 84.
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2007

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2006

Johnston, RJ, Burgess, SM, Wilson, DJ & Harris, RJ 2006, 'School and Residential Ethnic Segregation: An Analysis of Variations across England's Local Education Authorities', *Regional Studies*, 40 (9), 973 – 990. <https://doi.org/10.1080/00343400601047390>

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2005

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2004

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2003

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RESEARCH GRANTS AND COLLABORATIONS

ESRC, *South West Doctoral Training Partnership (SWDTP)*, recertification and continued funding as a DTP (2024 – 2029), equivalent value in excess of £15 million

Nuffield Foundation, *Bristol Q-Step Centre*, continuation/transition funding, £123,409, 2 years (from September 2019)

HEFCE, *Evaluation of the Future Quest UWE/UoB national collaborative outreach programme in Bristol*, £75,000, (as joint PI), for completion Dec 2018.

Nuffield Foundation/ESRC/HEFCE, *Bristol Q-Step Centre*, £1.3 million (as Director and PI), from October 2013, 5 years.

ESRC, *Urban Bid Data*, £1.3 million (as co-I; PI: Professor Piyushimita (Vonu) Thakuriah, University of Glasgow), from January 2014, 60 months. (av. 2.4 hrs p/w)

ESRC, *Supporting undergraduate teaching in quantitative geography: making the connections between schools, universities and the workplace* (as PI), 5/03/12 → 5/09/13

ESRC, *Understanding data, understanding society: using quantitative narratives to embed evidence, argument and data within the undergraduate curriculum* (as PI), 5/03/12 → 5/09/14

ESRC, Grid-enabled spatial regression models (as PI), 1/05/06 → 1/11/07

OTHER INDICATORS OF EXTERNAL RECOGNITION

I am presently an external examiner at the Universities of Leeds and Plymouth, and have served previous appointments at Kings College London, Leicester and Birkbeck. I have been a PhD external examiner at many universities, including Cardiff, Exeter, Leeds, Liverpool, Oxford and UCL. I regularly review for a wide range of journals across geography and the social science.

REFERENCES

References may be sought from the following people:

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