Alexander D Singleton

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1   Education and Qualifications

03 - 07	**PhD in Geography** (*Examined Dec. 2007*) - University College London, UK.
00 - 03	**BSc (*1st class Hons*)** in Geography - University of Manchester, UK.
03 - 05	NVQ Level 4 in Management (part time).
98 - 99	NVQ Level 3 in Supervisory Management (part time).
96 - 98	A Levels in Biology (B), Business (B), Geography (A).

2   Awards Honors and Distinctions

2014	Chair of the Royal Geographical Society GIScience Research Group.
2013	Honorary Visiting Researcher Ritsumeikan University, Japan.
2012	Founding Editor in Chief of Regional Studies and Regional Science.
	Book Review Editor for Environment and Planning B.
	Chair GIS Research UK (GISRUK) Annual Conference (April 2013).
2011	Shortlisted for Scopus Young Researcher Award (Social Science).
	Royal Geographical Society Gildea Award.
2010	Chair of the Output Area Classification User Group at the Royal Statistical Society.
2009	Winner GIS Research UK Annual Conference Mashup Competition.
2008	Chair of the Royal Geographical Society Quantitative Methods Research Group.
2006	Winner GIS Research UK Annual Conference Poster Competition.
2004	Winner UCL Graduate School Poster Competition.
2003	Winner of Manchester Geographical Association Dissertation Prize.

3   Research Interests

Within a framework of Geographic Information Science, my research has extended a tradition of area classification in Geography. I have developed an empirically informed critique of the ways in which geodemographic methods can be refined for effective yet ethical use in public resource allocation applications. This research has developed from substantive interests in the investigation of the social, spatial and temporal dimensions of access inequalities in Higher Education. In addition to this core research agenda, I have also explored issues of digital exclusion and deprivation, school commuting behaviour, as well as the ways in which Neogeography mapping tools and techniques can be utilised in activities related to the public understanding of science. I am an advocate of open source data and software, and the majority of my research (and research led teaching) involve the use of open geocomputation with large administrative or crowd sourced datasets.

4   Academic Roles

13 -	**Reader - University of Liverpool, Department of Geography and Planning**
	Reader within the Department of Geography and Planning, delivering teaching and research in the area of Geographic Information Science.
10 - 13	**Lecturer - University of Liverpool, Department of Geography and Planning**
05 - 10	**Research Fellow - University College London, Department of Geography**
	As part of a five year HEFCE funded Spatial Literacy in Teaching (SPLINT) programme, I had responsibility for day-to-day management of the grant. In addition to a programme of research, responsibilities in this role included devising and running workshops, developing a series of websites and applications to promote learning and engagement with spatial analysis, and developing software, hardware and laboratory investments in GIS.
03 - 05	**Research Assistant - University College London, Department of Geography**
	As part of an ESRC Funded Knowledge Transfer Partnership I developed a series of bespoke geodemographic tools and software to enable HE institutions to profile their data and develop widening participation initiatives.

5   Research Grants and Bursaries

2014	**Economic and Social Research Council (ESRC)** (Co-I-50%) - Consumer Data Research Centre.	£6m
2013	**Economic and Social Research Council (ESRC)** (PI-20%) - Mapping Retail Sector Business Rate Inequalities.	£58,404
	Economic and Social Research Council (ESRC) (PI-20%) - The e-Resilience of British Retail Centres: Creating a nation model of retail area resilience to online shopping.	£127,991
	Economic and Social Research Council (ESRC) (PI-20%) - Leveraging the Google Cloud to Estimate Individual Level CO^2 Emissions Linked to the School Commute.	£118,481
	University of Liverpool Knowledge Exchange Voucher (PI) - Big Data Visualisation of Broadband Equity	£4,000
2012	**Economic and Social Research Council (ESRC)** (PI-20%) - Using Secondary Data to Measure, Monitor and Visualise Spatio-Temporal Uncertainties in Geodemographic Classification.	£182,397
	Economic and Social Research Council (ESRC) (Co-I-10%) - A Spatial Microsimulation Model of Co-morbidity.	£198,485
	EU INTERREG PURE HUBS (Co-I 30%) - Supporting urban-rural entrepreneurship.	€787,383 (£679,365)
	Economic and Social Research Council (ESRC) (Co-I-5%) - Supporting undergraduate teaching in quantitative geography: making the connection between schools, universities and workplaces.	£99,000
	Royal Geographical Society / EPSRC Small Grant (PI) - CO^2 emissions and the commute to school.	£2,900

	University of Liverpool 'Pump Prime' research award - North American Geodemographics	£5,000
2011	**Royal Geographical Society Ray Y Gildea Jr Award (PI)** - Exploring the Geography of Geographers.	£1,500
	University of Liverpool Knowledge Exchange Voucher (PI) - Alternate crime mapping visualisations with National Police Improvement. Agency (NPIA)	£5,000
	University of Liverpool 'Pump Prime' research award - Integration of school commuting data with vehicle emissions.	£2000
	European Spatial Planning Observatory Network (ESPON) (Co-I) - Test the practical use of existing methods and tools for Territorial Impact Assessment in European region.	€ 349,281 (£308,123)
2010	**Arts and Humanities Research Council (AHRC)** (Co-I) - Preparing a baseline from which to measure the Big Society.	£30,039
	British Electoral Study (University Essex / ESRC) - Creation of contextual data for the British Electoral Study.	£8,000
2009	**Economic and Social Research Council (ESRC)**, KTP (Co-I-10%) - Knowledge Transfer Partnership with the Local Futures Group Ltd to develop state of the art web mapping and community interaction technology.	£147,431
	University College London - Outreach project to identify and profile UCL widening participation target schools within London.	£10,000
	University of Manchester - Evaluation work to examine the utility of geodemographics as a tool for widening participation, and further knowledge transfer advice on UK educational spatial data infrastructures.	£7,500
2008	**Economic and Social Research Council (ESRC)**, First Grant (PI-20%) - Spatial Interaction Modelling, Geodemographics and Widening Participation in the Higher Education Sector.	£94,157
	Dr Fosters Research Ltd - Impact study to examine unmet health needs in Haringey.	£10,500
	University College London - Organised and ran a conference on student recruitment and widening participation which demonstrated profiling tools developed in my doctoral thesis.	£6,263
2007	**ESRC, eSociety Programme Small Grant** - Updating an e-Society geodemographic classification based on user feedback.	£2,000
	ESRC, eSociety Programme Small Grant - Development of a website and user feedback system for a geodemographic classification.	£2,000
	ESRC, Business Engagement Scheme - Funding to complete web development work relating to a mapping portal for London.	£5,000
2006	**Cabinet Office** - Funding from the digital exclusion team to create analysis that examined the intersection of material and digital deprivation.	£10,000
2005	**University College London** - Research to examine UCL recruitment and widening participation activities.	£12,500
2004	**University College London** - Travel bursary.	£700
	TOTAL	**£8,138,736**

6 Publications

(a) Books

2014	Brunsdon, C. and Singleton, A. (2014). **Applied Geocomputation, A Practical Primer**. Sage, London.
2010	Singleton, A., Unwin, D., and Kemp, K. (2010). **Instructor Manual: Geographic Information Systems and Science (3rd Edition)**. Wiley, Chichester.
	Singleton, A. D. (2010). **Educational Opportunity: the Geography of Access to Higher Education**. Ashgate, Farham.

(b) Refereed Academic Journals

2014	Singleton, A. and Brunsdon, C. (2014). Escaping the Pushpin Paradigm in Geographic Information Science: (Re)presenting National Crime Data. **Area**, In Press.
	Riddlesden, D. and Singleton, A. (2014). The Changing Socio-Spatial Structure of Broadband Access in England. **Applied Geography**, In Press.
2013	Singleton, A. and Spielman, S. (2013). The Past, Present and Future of Geodemographic Research in the United States and United Kingdom. **Professional Geographer**, In Press.
	Singleton, A. (2013). A GIS Approach to Modelling CO_2 Emissions Associated with the Pupil-School Commute. **International Journal of Geographical Information Science**, 28(2):256–273.
	Adnan, M., Singleton, A., and Longley, P. (2013). OACoder: Postcode Coding Tool. **Journal of Open Research Software**, 1(1):e5.
	Phillips, R., Frost, D., and Singleton, A. (2013). Researching the Riots. **The Geographical Journal**, 179(1):3–10.
2012	Singleton, A., Wilson, A. G., and OBrien, O. (2012). Geodemographics and Spatial Interaction: an Integrated Model for Higher Education. **Journal of Geographical Systems**, 14(2):223–241.
	Singleton, A. (2012). The Geodemographics of Access and Participation in Geography. **The Geographical Journal**, 178(3):216–229.
	Riddlesden, D., Singleton, A., and Fischer, T. B. (2012). A Survey of the use of Geographic Information Systems in English Local Authority Impact Assessments. **Journal of Environmental Assessment Policy and Management**, 14(01):1250006.
2011	Singleton, A., Longley, P., Allen, R., and O'Brien, O. (2011). Estimating Secondary School Catchment Areas and the Spatial Equity of Access. **Computers, Environment and Urban Systems**, 35(3):241–249.
	Brunsdon, C., Longley, P., Singleton, A., and Ashby, D. (2011). Predicting Participation in Higher Education: a Comparative Evaluation of the Performance of Geodemographic Classifications. **Journal of the Royal Statistical Society: Series A (Statistics in Society)**, 174(1):17–30.
	Mateos, P., de Smith, M., and Singleton, A. (2011). Developments in Quantitative Human Geography, Urban Modelling, and Geographic Information Science. **Transactions in GIS**, 15(3):249–252.
	Singleton, A. and Lewis, D. J. (2011). Including Accident Information in Automatic Bicycle Route Planning for Urban Areas. **Urban Studies Research**, 2011:1–10.

2010	Singleton, A. (2010). The Geodemographics of Educational Progression and their Implications for Widening Participation in Higher Education. **Environment and Planning A**, 42(11):2560–2580.
	Adnan, M., Longley, P., Singleton, A., and Brunsdon, C. (2010). Towards Real-Time Geodemographics: Clustering Algorithm Performance for Large Multidimensional Spatial Databases. **Transactions in GIS**, 14(3):283–297.
	Cheshire, J. A., Longley, P. A., and Singleton, A. (2010). The Surname Regions of Great Britain. **Journal of Maps**, 6(1):401–409.
	Harris, R., Singleton, A., Grose, D., Brunsdon, C., and Longley, P. (2010). Grid-enabling Geographically Weighted Regression: A Case Study of Participation in Higher Education in England. **Transactions in GIS**, 14(1):43–61.
	Longley, P. A., Singleton, A., Yano, K., and Nakaya, T. (2010). Lost in Translation: Cross-Cultural Experiences in Teaching Geo-Genealogy. **Journal of Geography in Higher Education**, 34(1):21–38.
2009	Longley, P. and Singleton, A. (2009). Classification Through Consultation: Public Views Of The Geography Of The E-Society. **International Journal of Geographical Information Science**, 23(6):737–763.
	Singleton, A. and Longley, P. A. (2009). Geodemographics, Visualisation, and Social Networks in Applied Geography. **Applied Geography**, 29(3):289–298.
	Mateos, P., Singleton, A., and Longley, P. (2009). Uncertainty in the Analysis of Ethnicity Classifications: Issues of Extent and Aggregation of Ethnic Groups. **Journal of Ethnic and Migration Studies**, 35(9):1437–1460.
	Longley, P. and Singleton, A. (2009). Linking Social Deprivation and Digital Exclusion in England. **Urban Studies**, 46(7):1275–1298.
	Singleton, A. (2009). Data Mining Course Choice Sets and Behaviours for Target Marketing of Higher Education. **Journal of Targeting, Measurement and Analysis for Marketing**, 17(3):157–170.
	Singleton, A. and Longley, P. (2009). Creating Open Source Geodemographics - Refining a National Classification of Census Output Areas for Applications in Higher Education. **Papers in Regional Science**, 88(3):643–666.
2008	Haklay, M., Singleton, A., and Parker, C. (2008). Web Mapping 2.0: The Neogeography of the GeoWeb. **Geography Compass**, 2(6):2011–2039.
	Gibin, M., Singleton, A., Milton, R., Mateos, P., and Longley, P. (2008). An Exploratory Cartographic Visualisation of London through the Google Maps API. **Applied Spatial Analysis and Policy**, 1(2):85–97.

(c)   Book Chapters and Contributions to Edited Volumes

2014	Adnan, M., Singleton, A., Longley, P., and Turton, I. (2014). Parallel Processing Architectures of GPU: Applications in Geocomputational Geodemographics. In **Geocomputation**. Taylor & Francis, London, second edition.
	Alexandros, A. and Singleton, A. (2014). Geodemographic Analysis. In **Geocomputation: A Practical Primer**. Sage, London
	Brunsdon, C. and Singleton, A. (2014). The Future of Geocomputation. In **Geocomputation: A Practical Primer**. Sage, London

Brunsdon, C. and Singleton, A. (2014). Reproducible Research: Concepts, Techniques and Issues. In **Geocomputation: A Practical Primer**. Sage, London

2010   Singleton, A. (2010). Neogeography. In **Encyclopaedia of Geography**. Sage, London.

Singleton, A. (2010). Virtual Geodemographics: Consumer Insight in Online and Offline Spaces. In **Handbook of Research on Methods and Techniques for Studying Virtual Communities: Paradigms and Phenomena**. IGI Global, Hershey, USA.

(d)   Professional Magazines

2014   Singleton, A. (2014). Learning to Code. **Geographical Magazine**, (January):77.

2010   Singleton, A. (2010). Neogeography: Engaging People for Common Good. **GIS Development**, (February):26–29.

2008   Singleton, A. and Hudson-Smith, A. (2008). Digital Geography in a Web 2.0 World. **GIS Professional**, 21:20–21.

(e)   Refereed Academic Journals Papers Under Editorial Consideration

2014   Singleton, A. and Spielman, S. (2014). An Open Geodemographic Classification of the United States. **Annals of the Association of American Geographers**, In Press.

Bratley, L. and Singleton, A. (2014). Walking up Scenic Hills: Towards a GIS Based Typology of Crowd Sourced Walking Routes. **Computers, Environment and Urban Systems**, Under Editorial Consideration.

(f)   Refereed Academic Journals - Papers in Preparation

2014   Gale, C., Longley, P., and Singleton, A. (2014). The UK ONS Output Area Classification for the 2011 Census. **Journal of the Royal Statistical Society, Series A.**.

Singleton, A., Longley, P., and Pavlis, M. (2014). Assessing geodemographic cluster stability and monitoring uncertainty during intercensal periods. **Journal of Geographical Systems**

Singleton, A. and Longley, P. (2014). Regional Geodemographic Structure: A London Output Area Classification. **Journal of Regional Science**

(g)   Refereed Conference Proceedings

2014   Bearman, N. and Singleton, A. (2014). Modelling Home to School Travel for State Pupils in England, 2008-2011. Glasgow, GIS Research UK.

2013   Singleton, A. (2013). CO2 Emissions and the School Commute. Liverpool, GIS Research UK.

Adnan, M. and Singleton, A. (2011). Building Geodemographics on Parallel Graphics Processing Unit Architecture. London, Geocomputation.

2011   Adnan, M., Singleton, A., and Longley, P. (2011). The Specification, Estimation, and Testing of Real-time Geodemographics using Parallel Graphics. Portsmouth, GIS Research UK.

2010	Adnan, M. and Singleton, A. (2010). Parallel K-Means Clustering using Graphical Processing Units for the Geocomputation of Real-time Geodemographics. London, GIS Research UK.
2009	Adnan, M., Singleton, A., Brunsdon, C., and Longley, P. (2009). Moving to Real Time Segmentation: Efficient Computation of Geodemographic Classification. Durham, GIS Research UK.
	Singleton, A. (2009). Geographic Data Mining of Online Social Networks. Durham, GIS Research UK.
2007	Singleton, A. and Longley, P. (2007). Modifying the 2001 Census Output Area Classification for Applications in Higher Education. Maynooth, GIS Reserach UK.
2006	Singleton, A. (2006). Bespoke Versus General Purpose Discrete Classifications: Segmentation of Higher Education Market Data. Nottingham, GIS Research UK.
2005	Singleton, A. (2005). Widening Access and Participation in Higher Education. Glasgow, GIS Research UK.
2004	Farr, M., Longley, P., and Singleton, A. (2004). Widening Access and Participation in Higher Education. Norwich, GIS Research UK.

(h)   Working Papers

2009	Singleton, A. and Longley, P. (2009). Repositioning Area Classification for Online and Offline Spaces. CASA Working Paper 150, University College London, London.
2008	Longley, P. and Singleton, A. (2008). Social Deprivation and Digital Exclusion in Englan. CASA Working Paper 145, University College London, London.
	Singleton, A. and Longley, P. (2008). Modifying a Geodemographic Classification of the e-Society using Public Feedback. CASA Working Paper 136, University College London, London.
	Singleton, A. and Longley, P. (2008). Creating Open Source Geodemographic Classifications for Higher Education Applications. CASA Working Paper 134, University College London, London.
	Gibin, M., Singleton, A., Mateos, P., and Longley, P. (2008). Collaborative Mapping of London using Google Maps: The London Profiler. CASA Working Paper 132, University College London, London.
	Singleton, A. (2008). Comparing Classifications: Some Preliminary Speculations on an Appropriate Scale for Neighbourhood Analysis with Reference to Geodemographic Information Systems. CASA Working Paper 127, University College London, London.
	Hudson-Smith, A., Milton, R., Batty, M., Gibin, M., Longley, P., and Singleton, A. (2007). Public Domain GIS, Mapping & Imaging using Web-Based Services. CASA Working Paper 120, University College London, London.
2007	Singleton, A., Davidson-Burnett, G., and Longley, P. (2007). University Market Area Analysis for Widening Participation. CEBE Working Paper 12, University of Cardiff, Cardiff.
2004	Singleton, A. (2004). A State of the Art Review of Geodemographics and their Applicability to the Higher Education Market. CASA Working Paper 74, University College London, London.

7 Postgraduate and Researcher Supervision

(a) Completed PhD Students

2013	Paul Richards ESRC CASE PhD Student Metropolitan Police (2nd Supervisor).
2012	Muhammad Adnan (2nd Supervisor).

(b) Ongoing PhD Students

2013	Tammy Thiele (University of Liverpool funded) - Widening Participation (2nd Supervisor).
	Alexander Alexiou (ESRC / CASE +3) Office for National Statistics (1st Supervisor).
2012	Liam Bratley (Centre for Global Eco-Innovation) Walkingworld (1st Supervisor).
	Linda Blade (ESRC / CASE +3) Health and Safety Executive (2nd Supervisor).
	Alex Whitehouse (Centre for Global Eco-Innovation) Mersey Forests (2nd Supervisor).
2011	Dean Riddlesden (ESRC / CASE 1+3) Manchester Digital Development Agency (1st Supervisor).
2010	Chris Gale (University College London) Office for National Statistics (2nd Supervisor).

(c) Researcher Supervision

2014	Research Assistant - Nick Bearman (ESRC Retail Impact Uplift; as PI).
2013	Research Assistant - Les Dolgea (ESRC Retail; as PI).
	Research Assistant - Nick Bearman (ESRC / Google; as PI).
	Research Assistant - Michail Pavlis (ESRC - Secondary Data; as PI).
	Research Assistant - Ferran Espuny (ESRC - Secondary Data; as Co-I).
2008	Research Assistant - Oliver OBrien (ESRC First Grant; as PI).
2007	Research Assistant - Muhammad Adnan (HEFCE CETL; as project manager).

(d) Masters Supervision

Each year I will typically supervise 5-10 students through their masters dissertation, and as such, these are not listed individually.

8 Teaching Experience

(a) Teaching

14-15	ENVS 257 Applied GIS and Modelling (Co-ordinate, 18 hours).
13-14	ENVS 257 Applied GIS and Modelling (Co-ordinate, 12 hours).
	ENVS 357 Understanding Social Exclusion (4 hours).
12-13	ENVS 257 Applied GIS and Modelling (Co-ordinate, 12 hours).
	ENVS 100 Tutorials (Co-Ordinate, 12 hours).

	ENVS 357 Understanding Social Exclusion (4 hours).
11-12	ENVS 257 Applied GIS and Modelling (Co-ordinate, 12 hours).
	ENVS 418 Demographic Theory and Analysis (4 hours).
	ENVS 441 Data Collection Strategies and Techniques (2 hours).
	ENVS 100 Tutorials (Co-Ordinate, 12 hours).
	ENVS 205 Research Skills (2 hours).
	ENVS 230 Cities and Regions (1 hour).
	ENVS 357 Understanding Social Exclusion (4 hours).
10-11	ENVS 257 Applied GIS and Modelling (Co-ordinate, 12 hours).
	ENVS 200 (2 hours).
	ENVS 230 Cities and Regions (1 hour).
	ENVS 357 Understanding Social Exclusion (4 hours).
09-10	Cartography, Map Production, and Geovisualization (MSc GIS) (1.5hr).
	Internet and GIS (MSc GIS) (1.5hr).
	A Galley of GIS Applications (MSc GIS) (1hr).
	Query and Measurement Practical (MSc GIS) (1.5hr).
	Applications in GIS (BA/ BSc Geography) (1hr).
	Neogeography (MSc GIS) (3 hrs).
	Geodemographics (MSc GIS) (3 hrs).
	One week summer school on 'Spatial Simulation for the Social Sciences', UCD, Ireland.
	One week course on 'GIS and Geodemographic Data'- Ritsumeikan University, Japan (20 hrs).
08-09	Introduction to Geographical Information Science (MSc GIS) (8.5 hrs lectures / 10 hrs lab sessions).
	Introduction to Classification in Geography (BSc Geomatic Engineering) (2hr lecture).
	Applications in GIS (BA/ BSc Geography) (1hr lecture).
	Professional Geodemographics Training Course (5 hours lab session).
07-08	Re-designed 10 week 2nd year undergraduate GIS practical classes.
	Co-ran a week long course titled GIS and Geodemographic Data Infrastructures- Ritsumeikan University, Japan. 13-18th May 2007 (20 hrs).
	Created and implemented a 'GIS Lounge' scheme to help and assist Masters/ Undergraduate Dissertations.
	Ad-hoc undergraduate tutorials.

(b)   PhD Examening Experience

2012	Ashley Mccormick University of Liverpool.
	SoES Progress Interviews
2009	Byron Antoniou - PhD Upgrade Viva, University College London.

9   Participation in Conferences and Professional Meetings

(a)   Conference Papers

2014	Alexos, A. and Singleton, A. (2014). Establishing Dynamic Measures of Built Environment Characteristics and their Relationship to Patterns of Socio-Spatial Structure. Tampa, Association of American Geographers Conference
	Pavlis, M. and Singleton, A. (2014). Updating OAC - Assessing Classification Uncertainty and Cluster Stability During Intercensal Periods. Tampa, Association of American Geographers Conference
	Dolgea, L. and Singleton, A. (2014). e-Resilience of UK town centres. Regional Studies Association European Conference, Izmir, Turkey
2013	Riddlesden, D. and Singleton, A. (2013). Exploring the Geography of Access to Fixed Line Broadband Services in England through Crowd Sourced Speed Check Data. Los Angeles, Association of American Geographers Conference.
	Satani, T., Yano, K., Nakaya, T., Singleton, A., and Brunsdon, C. (2013). Construction and Dissemination of the Open Atlas of the 2010 Population Census of Japan. Tokyo, Japanese GIS Association Conference.
2012	Singleton, A. (2012). Geography, a Thriving or Declining Discipline? New York, Association of American Geographers Conference.
2010	O'Brien, O. and Singleton, A. (2010). Spatial Interaction Modelling and Geodemographics for Higher Education. London, Advances in Spatial Analysis and e-Social Science. University College London.
2009	Singleton, A. (2009). Geographic Visualisation: Neogeography and Area Classification. London, OACUG Geodemographic Visualisation Conference.
	O'Brien, O. and Singleton, A. (2009). Lightning Talk: OSM Data as a Context Layer for Choropleth Maps. Amsterdam, State of the Map.
	Singleton, A. and Longley, P. (2009). Virtual Geodemographics. Las Vegas, Association of American Geographers Conference.
	Singleton, A. and Longley, P. (2009). Some Developments in the Specification, Estimation and Testing of Geodemographic Models. London, S4 Conference.
	Singleton, A. (2009). Public Engagement: The London Profiler, Public Profiler and the E-Society Classification. London, S4 Conference.
2008	Gibin, M., Mateos, P., Singleton, A., Longley, P., and Atkinson, P. (2008). Monitoring Fine Scale Ethnic Changes in General Practices Catchment Areas within Inner London. Boston, Association of American Geographers Conference.
2006	Singleton, A. (2006). Higher Education Segmentation. London, Royal Geographical Society Annual Conference.
	Longley, P. and Singleton, A. (2006). Circling the Drain. London, Royal Geographical Society Annual Conference.
	Lloyd, D., Singleton, A., and Longley, P. (2006). Towards a World Wide Genealogical Website: People, Places and Geographical Genealogy. London, Royal Geographical Society Annual Conference.
	Singleton, A. (2006). Geodemographic Segmentation of Higher Education Market Data. Jersey, Regional Science Annual Conference.

	Singleton, A. (2006). Demonstration of Institutional and Subject Geodemographic Profiling. London, University College London.
2005	Singleton, A. (2005). The Social Space of UK Higher Education Acceptances. London, Royal Geographical Society Conference.

(b) Invited Presentations at Research and Professional Seminars, Conferences and Workshops

2014	Singleton, A. (2014). Transformative Research in Geographic Information Science. Tampa, Association of American Geographers Conference.
	Dolgea, L. and Singleton, A. (2014). e-Resilience and Retail. Carlisle, Cumbria Business School.
	Singleton, A. (2014). What is so Big about Big Data? Some Observations on Open Data and Systems. National University of Maynooth, Ireland.
	Singleton, A. (2014). Advances in the Geodemographic Study of Population and Place. University of Oxford, Oxford Institute of Ageing.
	Singleton, A. (2014). Cities and Context: The Codification of Small Areas through Geodemographic Classification. Code and the City Conference, Ireland.
	Singleton, A. (2014). Keynote: Geographers should learn to code. Irish Organisation for Geographic Information, Ireland.
2013	Singleton, A. (2013). Geodemographics and Higher Education. London, Kings College London.
	Singleton, A. (2013). Advances in Geographic Information Science and the Population of Blackpool. Blackpool, Blackpool Geographical Association.
2012	Singleton, A. (2012). Advances in Geographic Visualisation. Oxford, University of Oxford.
2011	Singleton, A. (2011). Spatial Analysis using the National Pupil Database. London, PLASC/PLUG User Conference.
	Singleton, A. (2011). Advances in Geographic Visualisation. Oxford, University of Oxford.
	Singleton, A. (2010). Thought Provoking Applications of OAC - Widening Participation in Higher Education. Birmingham, LARIA: Output Area Classification: Current and Potential Uses.
	Singleton, A. (2010). Advances in Geographic Visualisation. Oxford, University of Oxford.
2009	Singleton, A. (2009). Putting Social Care Commissioning at the Heart of Personalisation. London, Local Government Information Unit.
	Singleton, A. (2009). Introduction to the Output Area Classification Online. Bristol, ESRC Research Methods Workshop: Measuring Segregation: Methods, Tools and Data.
	Singleton, A. (2009). Geodemographic Visualisation. London, Society for Location Analysis.
2008	Singleton, A. (2008). Research Frontiers: Neogeography and GIS applications for Spatial Decision Making. Nottingham, University of Nottingham.
	Singleton, A. (2008). Communicating Geodemographics. London, Market Research Society.
	Singleton, A. (2008). What are Geographic Information Systems for the Google generation? Oxford, 3rd ESRC Research Methods Festival.
2007	Singleton, A. (2007). The Geography of Classification: Geodemographic Analysis and Mapping. Norwich, Teacher Schools Network Master Class.

Singleton, A. (2007). Turning Data into Information: Geodemographic Applications. Kyoto, Japan, Ritsumeikan University.

Singleton, A. (2007). Open Source Geodemographics: Applications for Education. Sheffield, University of Sheffield.

Singleton, A. (2007). A Meritocratic Market? Tailoring Geodemographics for use in Higher Education Widening Participation. Bristol, University of Bristol.

2005	Singleton, A. (2005). Marketing a New Market? Keele, UCAS Admission Officers Conference.
2004	Singleton, A. (2004). Tailored Geodemographics - The Construction of an Educational Mosaic. London, LSDA Research Conference.
	Singleton, A. (2004). Geodemographics for Education. Reading, UCAS Admission Officers Conference.

10 Professional and Administrative Activities

(a) Journal Editorial Experience

2013	Editor in Chief - Regional Studies and Regional Science (First Open Access journal from Taylor and Francis; part of the Regional Studies Association series; first issue in 2014).
2012	Book Reviews Editor - Environment and Planning B.

(b) Administrative Experience

14-	Course director - MSc Applied Geographical Information Science.
12-13	Management of Department of Geography and Planning website.
	REF internal reviewer.
	Undergraduate admissions (strategic).
11-12	Year tutor.
	REF internal reviewer.
10-11	Staff student liaison committee.

(c) Organisational Roles within Professional Societies

14-	Chair of the GIScience Research Group at the Royal Geographical Society with the Institute of British Geographers.
10-	Chair of the Output Area Classification User Group at the Royal Statistical Society.
08-11	Chair of the Quantitative Methods Research Group at the Royal Geographical Society with the Institute of British Geographers.

(d) Membership of Professional Societies

2003 -	Fellow of the Royal Geographical Society.

2003 -	Member of the Association of American Geographers.
2010 -	Member of the Regional Studies Association.

(e)   Academic and Professional Duties

Referee on articles submitted to the following international journals:

Area; Environment and Planning B (Planning and Design); Computers, Environment and Urban Systems; International Journal of Health Geographics: International Journal of Pattern Recognition; Papers in Regional Science; Applied Spatial Analysis and Policy; Environmental Modelling; International Journal of Geographic Information Science; Educational Research Journal; URISA Journal; Journal of Maps.

(f)   Conference and Seminar Organisation

2014	OSGIS 2014 Programme Committee.
2013	GIS Research UK Conference Chair (http://liverpool.gisruk.org).
	GIS Ostrava 2013 Member of the Scientific Committee, Czech Republic.
2012	OSGIS 2012 Programme Committee.
	Session Organiser: New approaches in quantitative social geography: new data, new methods, new insights. Association of American Geographers Conference, New York.
2010	Making Efficiency Saving with OAC by Understanding Total Place. Output Area Classification User Conference, London.
	Session Convenor The Spatial Dimensions of Health. Royal Geographical Society Annual International Conference, London.
2009	Session Convenor New Urban Geography: Evolving Area Classification for Socio-Spatial Generalisation Royal Geographical Society Annual International Conference, Manchester, 26-28 August.
	Organising committee for the 2010 GIS Research UK Conference. London, University College London.
	Conference Organiser - Output Area Classification User Conference.
2006	Co-Organiser, Spatial Literacy in Teaching: Communicating GIScience, London.
	Co-Organiser, Spatial Literacy, Student Recruitment and Widening Participation, London.

11   Impact and Knowledge Transfer

For each research project I have been involved with, a range of academic publications have been produced. In addition to this scholarly output, each project is typically accompanied with a website aiming to disseminate the findings more broadly and where possible to engage a wide public audience. These websites take a variety of different formats and are briefly detailed in the following section with evidence for their success measured in terms of press coverage.

(a)   Software

gd (http://rpubs.com/alexsingleton/gd) - An R package for building, testing and visualisation of geodemographic classification.

OAC Coder (http://www.publicprofiler.org/resources.php) - Postcode profiling tool for the ONS Output Area Classification (downloaded over 700 times).

(b) Websites

I have developed and/or manage a range successful websites created as part of activities associated with research grants. These websites have wide ranging purposes, including pedagogic resource dissemination, public participation in GIS or impact generation. Many of these sites have captured a wide and international audience. For example, the worldnames (worldnames.publicprofler.org) website has recieved over 2 million unique users from 200 countries since August 30 2008.

www.policestreets.co.uk - a new visualisation of crime data.
rpubs.com/alexsingleton/ - R tutorials.
www.educationprofiler.org - School and catchment profiles with Google Maps.
gbnames.publicprofiler.org - 1881 and 1998 GB surname mapping website.
worldnames.publicprofler.org - world surname mapping website.
esociety.publicprofler.org - e-Society profiler website (search by postcode).
www.onomap.org - name classification website.
www.publicprofiler.org - neighbourhood profiler website (search by postcode).
www.qmrg.org.uk - quantitative methods news and resources including CATMOG.
www.londonprofiler.org - Google Maps based London profiling website.
www.areaclassification.org.uk - geodemographic news and teaching materials.
www.alex-singleton.com - personal research blog.

(c) Media Exposure

My own research and/or the projects that I have worked on or managed have gained attention through the following media features:

General

2013	Mapping the Census: How One Man Produced a Library for All. Guardian: (http://goo.gl/HnazXF).
2011	The Geography of Poverty. Socialist Review: (http://goo.gl/NoQjx7).
	10/02 - UK Crime Map Commentary. BBC Radio Berkshire.
	01/05 - The End of the Census? Geographical Magazine.
	27/9 - Why do people riot? Current Biology: (http://goo.gl/Uto0nA).
	16/8 - England Riots: Was Poverty a Factor. Guardian: (http://goo.gl/lPx7u8).
	18/8 - England Rioters: Young Poor and Unemployed: (http://goo.gl/2NHloc).
	11/11 - TUC Briefing: Responding to the Riots: (http://goo.gl/M4DlGc).

London Profiler

2008	10/04 - Nestoria Interview - Alex Singleton - UCLs Centre for Advanced Spatial Analysis. Nestoria Weblog: (http://goo.gl/BZ1ugq).
	01/11 - A Multicultural Atlas of London. ESRC Britain in 2009 Magazine, p 100.

e-Society

2008	01/11 - Using Geodemographics in Public Service Delivery. ESRC Britain in 2009 Magazine, pp 28.
2006	10/04 - 08/08 - Britain's Digital Tribes Revealed. BBC News Online: (http://goo.gl/SDlnAv).

Great Britain Names

2006	15/01 - Mr Smith? From Lerwick, I presume, The Observer: (http://goo.gl/urZbPV)
	16/01 - Whats in a Surname? Channel 4: (http://goo.gl/7wFVWg).
	21/01 - My, You've Come a Long Way Without Even Leaving Home. The Times: (http://goo.gl/K9LAec)
	21/01 - The Internet Route to the Roots of Your Surname. The Daily Mail.
	25/01 - Miles Mendoza Website of the Day. Radio 2 (http://goo.gl/r3YRgA).
	04/06 - Name check reveals a new pecking order. The Sunday Times (http://goo.gl/2QMniw).
	05/06 - How a Cadbury Outranks a Blair or a Beckham. The Daily Mail.
	09/06 - Have I Got News For You. BBC Two.
	31/08 - End of the Innuendo. The Guardian (http://goo.gl/Mt5rnk).
	31/08 - How British names conquered the world. The Telegraph (http://goo.gl/BKAs97).

World Names

2008	01/11 - Tracing Family Histories goes Global. ESRC Britain in 2009 Magazine, pp 111.
	30/08 - Website Maps Surnames Worldwide. BBC News Online: (http://goo.gl/dIKw0q).
	30/08 - Putting you on the Map: the Website that Pinpoints where your Name is in the World. The Independent: (http://tinyurl.com/57shz3).
	30/08 - Global Surname Website Launched. Channel 4 News: (http://goo.gl/Cg6hL8).
	30/08 - What's in a Name? A Great Deal, Say Researchers. The Telegraph: (http://goo.gl/r37HMn).
	30/08 - Website Pinpoints Where in the World Your Name is. New Zealand Herald: (http://goo.gl/MpxZOm)

12 Relevant Educational Courses and Workshops

2010	Survey Skills Workshop (National Centre for Social Research).
2009	CCSR (University of Manchester) Social Network Analysis.
2008	UCL Recruitment and Selection Training.
2004	CASS (Southampton University) Survey Data Weighting.
	CSISS (University of California) Geographically Weighted Regression.

Centre for Applied Statistics (Lancaster University) - R.
KTP Management Training Modules 3 and 4.

13 Other Work Experience

2003	Researcher - Open University: Knowledge Media Institute (Summer Work).
2002	Web Designer - BDH TBWA New Media Department (Summer Work).
	Marketing and Information Technology Assistant - Cascade Consulting (Summer Work).
2001	Researcher - Open University: Centre for New Media (Summer Work).
2000	Researcher - Open University: Knowledge Media Institute (Summer Work).
1999	Web Developer and Webmaster - Denbigh School (Gap Year).
1998	Recruitment Assistant - Alenia Marconi (Gap Year- Year in Industry Scheme).

Last updated: July 10, 2014
http://www.alex-singleton.com/