

# Dr Catherine Emma Jones (Kate)

Institute of Geography and Spatial Planning, IPSE, FLSHASE,  
University of Luxembourg

catherine.jones@uni.lu

Google Scholar:

<http://scholar.google.com/citations?user=8pcURrQAAAAJ>

## About Me

Over the coming 5 years I will continue to develop my interdisciplinary research profile, capitalising on my unique experience with **Geospatial Data and Analysis, Human Computer Interaction** and the **Humanities to explore the social and spatial dialectic**. Building on my recent research involving **collective memory and place making, urban discovery, gamification and location-based services with crowdsourcing** I seek to address the following future challenges domains:

1. Location-based services and, geographical information retrieval for understanding of places as told through cultural heritage objects and collaborative social networks
2. Location-based services as drivers of situated learning technologies through play
3. Exploration of machine learning and crowd solutions for urban analysis and small area geographies - as modelling aids for understanding emergence healthy and sustainable cities and places
4. Interaction between cartographic models, spatial cognition and data representation for 21<sup>st</sup> century mapping practices and devices using co-creation and HCI methods
5. Application of new technology such as virtual and augmented reality in the GIS, geography curriculum (for example through interactive field classes for embodied experiences of places).

## Career highlights to date:

- Since completing my PhD I have contributed to **successful proposals and consultancy** totalling approximately **€3.6 million** in grants from funding bodies as either Principal Investigator or Co-investigator [380,000K as CI].
- PI for project with an impact that reached **Global Acclaim for [www.bombsight.org](http://www.bombsight.org)**
- **11 peer reviewed journal publications** in high ranking journals with a further 2 in review.
- **4 book chapters** on Cartography Theory and Practice, mapping science and user interaction.
- **44 conference papers** in leading international Geography/GIS/DH conferences
- Successful **core unit leader** for undergraduate **Research Methods in Geography** with 220+ students enrolled
- Currently collaborating with colleagues on a book proposal with the working title "Smart Cities at Play: Technology and Emerging forms of playfulness"

## Recent Appointments

- 2017 to date      **DEIS unit team leader during CVCE transition/integration into University of Luxembourg:**  
Following integration of CVCE into the university I carried out the following activities:
- Task leader for Pilot specifications deliverable for WP2 of H2020 CrossCult Project to develop immersive geo-located experiences for cultural heritage via the mobile with gamification.
  - Contribution to two further H2020 Proposals.
  - Contribution to the delivery of the TEI viewer on CVCE.eu.
- 2014 - 2016      **Head of Digital Humanities Lab at CVCE, Luxembourg**  
Managing a team of 4 people in a matrix environment across a diverse range of digital humanities projects. Including: New Digital editions using TEI, ePublications, Biographies for European Figures, Enhancing and enriching metadata and personalisation tools and services for cultural object reuse (CVCE Digital Toolbox [www.cvce.eu/dtx](http://www.cvce.eu/dtx)). Coordination of projects using an Agile Scrum Approach. Budget management and team coordination expertise. Conducting

evaluations and objective setting for the team.

- CI for *H2020 CrossCult* project: urban discovery, gamification crowdsourcing and cultural heritage
- Project Manager for *TOTOCULT* project for the development of a geographical extension to *Histogram* toolset to explore Instagram posts: collective memory, social networks and geographical analysis
- Project manager of *CVCE Europaquiz* - mobile game for reuse of historical objects combining principles of gamification and interactive learning (5,000 players).
- Vice Chair of Programme committee DH Benelux 2016; Local organising committee of DH Benelux 2016

2010- 2014

**Senior Lecturer in Human Geography, University of Portsmouth, UK**

Principal Investigator for *Stepping into Time* project which developed **Bomb Sight** - a useful and usable learning and teaching tool using a geographical framework to link historical paper maps, photographs and memories from WW2. Outcome: Interactive Webmap + Augmented Reality mobile phone application, ongoing success with international media coverage and to date over a million visitors. Also assumed the following teaching duties:

- Unit leader for Research Methods and Design (250 students).
- Unit leader for Exploring Inequalities (40 students).
- Taught across a range of post graduate and undergraduate courses in Human geography and GIS including lectures on Spatial Analysis, Social Networks, Social Capital, Migration and HCI for GIS, Critical GIS. Co-organiser of international Field classes.
- Personal tutor and dissertation supervision at undergraduate and master's level.
- External Examiner for Masters at University of Malta.

## Research Grants / Successes

Since completing my PhD I have led successful proposals and consultancy totalling approximately €3.6 million in grants from funding bodies as either Principal Investigator or Co-investigator.

- 2017 **University of Luxembourg Rapid Incentive scheme** for EU proposal. Award to develop 2<sup>nd</sup> stage of research H2020 Cult-COOP 9 proposal via consortium writing workshop and impact evaluation with associate partners. [PI] value c. €10,000.
- 2016 – 2019 **H2020 CROSSCULT** *Empowering reuse of digital cultural heritage in context-aware crosscuts of European history*. Developing innovative and immersive museum and city based cultural heritage apps. Task leader for Pilot specifications & Pilot evaluations. Value c. €3.3million [PI shared at LIST] (€157,000K as CI) | [www.crosscult.eu](http://www.crosscult.eu)
- 2015 - 2016 **Les espaces du patrimoine culturel numérique : topologies et topographies des itinéraires culturels** Financed by CNRS/Université de Lille. Social-spatial analysis of cultural routes for exploring collective memory of social media data. Value c. €40,000 [PI Dr Marta Saverio] (€4,000 as contributor).
- 2016 **FNR RESCOM** contribution towards the annual DH Benelux conference [PI]. Value c. €3800.
- 2011 - 2012 **JISC** funded project **Stepping Into Time** for **Bombsight** developing novel useful and learnable teaching tools (Web mapping and Augmented reality mobile app) linking historical multimedia

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objects to place combining GIS and HCI techniques. [www.bombsight.org](http://www.bombsight.org) met with **global acclaim: 70+ international news articles**. Impact (to date) website **1,002,257 user sessions; 2,150,000 page views** App users 11,929, 42,000 sessions. [PI] Value c. £106, 000 (approx. €120,000).

- 2011 - 2012 **JISC Infrastructure for Education fund: G3 – Bridging the Gap between the GeoWeb and GIS:** GIS teaching and learning using GeoWeb technology. Investigated user interaction and learnability of online geo editors (Open Street Map) using eye tracking, video analysis, task analysis, interviews and questionnaires (Jones and Weber, 2011). Impact: Award winning blog <http://jiscg3.blogspot.com/>. Value c. £65,000 (joint PI approx. €73,000).
- 2007 Consultancy **URBED (Urban & Economic Development Group Ltd.)** Assisted URBED in review of Suburban Town Centres in London. Funded by the North London Strategic Alliance Value c. - £5,000 (c. €6000 joint PI).
- 2003 **Camden Metropolitan Police.** Responsible for the development of a online mapping system (Camstats) for publication of local crime statistics. Value c. €20,000 : 5K as CI.

## Previous Academic Employment

- 2007 – 2010 **EPSRC funded Research Fellow: Towards Successful Suburban Town Centres, University College London (UCL) Post Doc**
- Mapping Science component of an inter-disciplinary research team (EPSRC funded £556,000) Geomatic Engineering and Bartlett Graduate School of Architecture. **Study of the historical relationship between morphology, sociability, economics and accessibility.** Geo-visualisation and historical spatial analysis of urban design in suburban town centres.
  - Designed and developed a web-based geovisualisation tool using principles of simplicity, **video analysis, think aloud analysis** for exploration of built environment and socio-economic geography indicators – (**PHP, HTML, JAVASCRIPT**). Adopted **principles of user design**, for mapping interfaces to bridge gap between expert and non-expert.
  - To enable the **theoretical advancement of space syntax methodology** structure of suburban centres I designed and developed novel computational geometry algorithm (**MapInfo, MapBasic, Manifold GIS**) for linking and geo-visualisation of socio-economic and morphological datasets; and creation of historical GIS for emergent properties of land use and street networks.
  - Statistical and spatial analysis of complex linked datasets (**SPSS, GEODA and ARCGIS**).
  - Co-lead **ethnographic study and participatory fieldwork** for understanding everyday use of town centres and geo-visualisation of qualitative data for **Qualitative GIS**.
- 2009 to 2013 **Invited Lecturer at the International summer school in GIS** organised by UCL and University of Malta. Course on creating a geodemographic indicator, Cartography & GIS.
- 2008 – to 2014 **Sessional Lecturer in GIS and Health (MSc)**, Birkbeck, University of London. Designed, developed and taught “GIS and Health” to evening and distance learning students.
- 2008 - 2010 **Co-organiser of two day course: Introduction to Manifold GIS** aimed at professionals.
- 2009 – 2011 **Sessional Lecturer (MSc)**, University College London. Developed a self-contained unit for GIS and Architecture delivered to students from the Bartlett Graduate School of Architecture.

2005 – 2007 **Knowledge Transfer Research Associate**, University College London, Camden Primary Care Trust  
As part of ESRC/NHS Knowledge Transfer Partnership, I developed innovative geographical analysis, using GIS and geodemographics to identify health needs of communities informing social marketing strategies. See PhD.

## Professional Employment

**2004** GIS Consultant Analyst, GIS analysis of community safety datasets with population records. Camden Council, London

**2003** GIS Consultant Analyst, Camden Metropolitan Police, London.

**2003** GIS Consultant Analyst, Health Need Analysis for new hospital using GIS Southwark Primary Care, London

**2002** IT Programme Support Officer, Infracore BCV (Transport for London), London

**2001 – 2002** IT Programme & Project Planning Officer, Norton Rose, London

**2000 – 2001** Business Objects Reporting Analyst, RSLCOM UK, London

**1998 – 2000** Graduate IT Trainee (project management and reporting analyst with Business objects, Aon Group Limited, London)

## Education

2005 – 2008 **PhD Health Geography** - University College London (UCL)  
**PhD thesis: Modelling health related behaviours using geodemographics: applications in social marketing and preventative health**  
Aims and Objectives:  
Through inductive analysis, developed by combining health survey data with operational health data and geodemographic classifications, this PhD explores the spatial distributions of health-harming behaviours related to diseases of comfort (obesity, alcohol consumption and smoking). This work culminated in a spatial framework combining disparate social and health datasets at inconsistent geographic scales.  
Outcomes:  
New approaches and strategies adopted by the Primary Care Trust for planning local public health interventions and social marketing campaigns (including reducing teenage pregnancies and raising diabetes type II awareness in the Bangladeshi population).

**2010-2012** **Postgraduate certificate in Teaching for Higher Education**, University of Portsmouth

**2004 – 2007** **MBA module – Strategy Dynamics** – London Business School, London

**2003 - 2004** **MSc Geographical Information Science (GIS)** - University College London  
Dissertation topic: Exploring the geographic distribution of general practices, patients & deprivation: sponsored by Camden Primary Care Trust

**1995–1998** **BSc Hons (2:1) Environmental Geochemistry** - Royal Holloway, University of London

## Awards

2011 **Winner Best Blog** of JISC geospatial programme for <http://jiscg3.blogspot.com/>, JISC Programme

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- awards 2011.
- 2010 Selected for a place at the **European Science Foundation Summer Workshop on R-Statistics**, in Bucharest.
- 2009 **Winner Best Knowledge Transfer Partnership at University College London**, UCL Awards for Enterprise
- 2008 **Runner up for Association of Geographic Information (AGI) Best Overall Paper** for: Haklay and Jones on GIS & Usability: Why your Boss should buy you a larger monitor. Presented at the AGI Annual Conference. Sept 2008.
- 2008 **Winner International Journal of Market Research Collaborative Research Award:** for Farr, Wardlaw and Jones on Tackling health inequalities using geodemographics: a social marketing approach

## Professional Membership

- 2011 onwards **Fellow of the Royal Geographical Society (RGS)**
- 2015 onwards **Member of Steering Committee of DH Benelux**
- 2012 **Fellow of the Higher Education Academy**
- 2010 - 2013 **Conference Committee member for Geographical Information Science Research UK (GISRUK)**
- 2009 - 2010 **Professional member of the Spatial Development Planning Group for Health Inequalities, National Institute of Clinical Excellence (NICE):** Participant developing national guidance on spatial planning and health

**Languages** English (native). Learning French (Beginner A2) and Luxembourgish (A2.1)

## Publications – Journal Articles

Google Scholar: <http://scholar.google.com/citations?user=8pcURrQAAAAJ>

1. Jones, C.E., Severo, M. & Guido, D. (submitted: under review) Socio-spatial visualisations of cultural routes: exploring collective memory on Instagram, *NETCOM: Networks and Communications Studies*
2. Jones, CE, Liapis, A., Lykourantzou, I., Guidio, D. (2017). Board Game Prototyping to Co-Design a Better Location-Based Digital Game, *CHI'17 Extended Abstracts*, May 06-11, 2017, Denver, CO, USA.
3. Armaselu, F., Martins, V. and Jones, C.E. (2016). Materiality of TEI Encoding and Decoding for Corpus Analysis: Archives on the Policy of Armaments within WEU. *Journal of the Text Encoding Initiative*
4. Jones, C.E. and Weber, P. (2013). The Bomb Sight Project, *The Bulletin of the Society of Cartographers*, 41, 1 & 2, pp 3-10
5. Jones, C.E., Tate, N.J., Weber, P., (2012) The Rise of the GIS Volunteer, *Transactions in GIS*, 16, 4, pp431-434
6. Jones, C.E. & Weber, P (2012). Towards Usability Engineering for Online Editors of Volunteered Geographic Information: A Perspective on Learnability, *Transactions in GIS*, 16, 4, pp 523-544
7. Griffiths, S., Jones, C. E., Vaughan, L, and Haklay, M., (2010). The persistence of suburban centres in Greater London: combining Conzenian and space syntax approaches, *Urban Morphology*, 14 ,2,
8. Vaughan, L., Jones, C.E., Griffiths, S. and Haklay, M., (2010). The Spatial Signature of Suburban Town Centres *Journal of Space Syntax*, 1 ,1 pp71-91.
9. Vaughan, L., Griffiths, S., Haklay, M. and Jones, C. E., (2009). Do the suburbs exist? A temporal-geographical approach

to suburban form, *Transactions of the Institute of British Geographers*, 34, 4, pp 475-488.

10. Jones, C.E., Haklay, M.E., Griffiths, S. and Vaughan L., (2009). A less-is-more approach to geovisualization - enhancing knowledge construction across multidisciplinary teams, *International Journal of Geographical Information Systems*.23, 8.
11. Griffiths, S. and Vaughan, L. and Haklay, M. and Jones, C.E., (2008). The sustainable suburban high street: a review of themes and approaches. *Geography Compass* 2 (4): 1155-1188.
12. Farr., M., Wardlaw, J. and Jones, C.E., (2008), Tackling health inequalities using geodemographics: a social marketing approach, *International Journal of Market Research*, 5, 4, pp.423-428.

## Book Chapters

1. Jones, C. E., & Maquil, V. (2016). Towards Geospatial Tangible User Interfaces: An Observational User Study Exploring Geospatial Interactions of the Novice. In *Geographical Information Systems Theory, Applications and Management* (pp. 104-123). Springer International Publishing.
2. Haklay, M. & Jones, C.E., (2011), "Comment on Guelke's 'Cartographic Communication and geographic understanding'", In Dodge, M., *Classics in Cartography: Reflections on the Most Influential Articles from the Journal Cartographica*, Wiley and Sons
3. Jones, C.E., (2010) Principles of Cartography in Haklay, M. *Towards usable Geotechnologies: a Primer*, Wiley and Sons.
4. Jones, C.E., (2010) Practical Cartography in Haklay, M. *Towards usable Geotechnologies: a Primer*, Wiley and Sons.

## PUBLICATIONS – CONFERENCES

1. Armaselu, F. and Jones, C.E (2017). From Usability Testing and Text Analysis to User-Response Criticism. DH 2017 Montreal : 8-11 August
2. Jones, C.E Jones, C.E., Severo, M. and Guido, D., (2017). Dynamic qualitative filtering for linked (geo)visualisations: a prototype for exploring the collective memory of Instagram posts. 25th GIS Research UK Conference (GISRUK). Manchester: April 2017
3. Jones, C.E., Severo, M. and Guido, D., (2016). Jones, C.E. (2016). Exploring cultural itineraries using social networks and topology: a Via Francigena usecase of histogram, *DH Benelux*, Luxembourg. June 2016
4. Jones, C.E. (2016 – under review). Exploring and Evaluating Cartographic (miss) Representation in a Sample of Web-based Geohumanities Projects, *submitted to DH 2016*, Krakow, Poland. July 2016
5. Jones, C.E and Wieneke, L. (2016) Adding value to a research infrastructure through user-contributed ePublications, *submitted to DH 2016*, Krakow, Poland. July 2016
6. Armaselu, F., Rosselli Del Turco, R., Jones, C.E., Wieneke, L., Alzetta, C., Di Pietro, C. (2016). Prototypes as Thinking through Making. Decision Points and Evaluation in Prototyping a Visualisation Framework for Historical Document, *submitted to DH 2016*, Krakow, Poland. July 2016
7. Jones, C.E. Geohumanities on the Web: Exploring Rules for Engagement (2016) Exploring Old Map. Luxembourg 8<sup>th</sup> June 2018
8. Jones, C.E., Karran D. and Weber, P. (2015) Examining the Bomb Sight Augmented Reality App for Exploring Location Based Historical Data. In *DH Benelux 8-9th June 2015*. Antwerp.
9. Jones, Catherine Emma, Wieneke Lars, Alexandre Genon, Frederic Reis, and Frederic Allemand. (2015). Enabling Personal Authoring and Narrative Making: Sustainable Reuse of Digital Objects for Interactive Teaching and Learning Tools . *DH Benelux 8-9th June 2015*. Antwerp, Belgium.
10. Jones, C.E. Building the digital research Infrastructure on European integration. DARIAH Ireland Launch; Maynooth University, Ireland May 2015
11. Jones, C.E. and Maquil, V. (2015) Twist, Shift, or Stack? - Usability Analysis of Geospatial Interactions on a Tangible Tabletop, *1st International Conference on Geographical Information Systems Theory, Applications and Management*. Barcelona, Spain April 2015
12. Armaselu, F., Martins, V. and Jones, C.E. (2014). Text Encoding and Enrichment for Linguistic Analysis: Archives on the Policy of Armaments within Western European Union. *Workshop presented at the Exploring Historical Sources with Language Technology: Results and Perspectives*, The Hague, 8, 9 December 2014, Huygens Institute for the History of the Netherlands, The Hague, Netherlands, August 12. <http://www.clarin.eu/node/4042#armaselu>.
13. Jones, C.E., Severo, M. and Guido, D., (2016). Jones, C.E. (2016). Exploring cultural itineraries using social networks and topology: a Via Francigena usecase of histogram, submitted to DH Benelux, Luxembourg. June 2016

14. Jones, C.E. (2016). Exploring and Evaluating Cartographic (miss) Representation in a Sample of Web-based Geohumanities Projects, DH 2016, Krakow, Poland. July 2016
15. Jones, C.E and Wieneke, L. (2016) Adding value to a research infrastructure through user-contributed ePublications, *submitted to DH 2016*, Krakow, Poland. July 2016
16. Armaselu, F., Rosselli Del Turco, R., Jones, C.E., Wieneke, L., Alzetta, C., Di Pietro, C. (2016 – under review). Prototypes as Thinking through Making. Decision Points and Evaluation in Prototyping a Visualisation Framework for Historical Document, *submitted to DH 2016*, Krakow, Poland. July 2016
17. Jones, C.E., Karran D. and Weber, P. (2015) Examining the Bomb Sight Augmented Reality App for Exploring Location Based Historical Data. In *DH Benelux 8-9th June 2015*. Antwerp.
18. Jones, Catherine Emma, Wieneke Lars, Alexandre Genon, Frederic Reis, and Frederic Allemand. (2015). Enabling Personal Authoring and Narrative Making: Sustainable Reuse of Digital Objects for Interactive Teaching and Learning Tools. *DH Benelux 8-9th June 2015*. Antwerp, Belgium.
19. Jones, C.E. Building the digital research Infrastructure on European integration. DARIAH Ireland Launch; Maynooth University, Ireland May 2015
20. Jones, C.E. and Maquil, V. (2015) Twist, Shift, or Stack? - Usability Analysis of Geospatial Interactions on a Tangible Tabletop, *1st International Conference on Geographical Information Systems Theory, Applications and Management*. Barcelona, Spain April 2015
21. Armaselu, F., Martins, V. and Jones, C.E. (2014). Text Encoding and Enrichment for Linguistic Analysis: Archives on the Policy of Armaments within Western European Union. *Workshop presented at the Exploring Historical Sources with Language Technology: Results and Perspectives*, The Hague, 8, 9 December 2014, Huygens Institute for the History of the Netherlands, The Hague, Netherlands, August 12. <http://www.clarin.eu/node/4042#armaselu>.
22. Jones, C.E., (2013) Digital History with Maps: A Case Study from WW2 in London. *Reading Historical Sources in the Digital Age*, Digital Humanities Luxembourg (DHLU) 5-6<sup>th</sup> Dec 2013.
23. Jones, C.E. (2013) Geography, the missing link for archives? A case study from the London Blitz. *Enhancing Impact, Inspiring Excellence: Collaborative Approaches between Archives and Universities*, University of Birmingham. September 2013
24. Jones, C.E., (2013), The Bomb Sight Project, *Society of Cartography*, University of Stafford, Sept 2013
25. Jones, C.E., (2013), Developing the Bomb Sight Project, *Working Digitally with Historical Maps*, University of Edinburgh Dec 2012
26. Jones, C.E., (2012), Localising London's Wartime Past, JISC Geocultures, Kings College London
27. Weber, P., Ellul, C., Jones, C.E., (2012), Opening up GIS Training and Education - Building an IIGLU, *Proceedings of Geographical Information Science Research – UK*, 11– 13th April 2012, University of Lancaster.
28. Ellul, C., Jones, C.E., Weber, P., (2012) Building an IIGLU, Higher Education Network: Geospatial Technologies in Higher Education, Milton Keynes, 18 Jan 2012
29. Weber, P. and Jones, C.E., (2011) Usability Editors: What to improve? *1st European State of the Map*, 15th-17th July 2011 Vienna, Austria.
30. Jones, C.E., Vaughan L., Haklay, M.E. and Griffiths, S., (2010). GIS enhances collaboration: using the line to draw disciplines together, *Proceedings of Geographical Information Science Research - UK (GISRUK 2008)*, 13 – 15th April 2010, University College London, UK
31. Vaughan, L., Griffiths, S., Haklay, M. and Jones, C. E., (2010). The shape of belonging in the outer London suburbs: beyond a discourse of alienation, *Public Life in the In-Between City*, 6-10 Jun 2010, Technion, Israel.
32. Jones, C.E., (2010). Modelling health-harming behaviours in a socially ranked geographic space, *Proceedings of Geographical Information Science Research - UK (GISRUK 2010)*, 13 – 15th April 2010, University College London, UK
33. Griffiths, S., Jones, C. E., Vaughan, L. and Haklay, M., (2009). A morphological approach to the persistence of socio-economic activity in three suburbs of Greater London. ISUF Conference, Guangzhou, China.
34. Vaughan, L., Jones, C.E., Griffiths, S. and Haklay, M., (2009). The Spatial Signature of Suburban 'Active' Centres. *Proceedings of the Seventh International Space Syntax Symposium*. KTH Royal Institute of Technology Stockholm.
35. Jones, C.E., Griffiths, S., Haklay, M. and Vaughan L., (2009). A multi-disciplinary perspective on the built environment: Space Syntax and Cartography - the communication challenge *Proceedings of the Seventh International Space Syntax Symposium*. Royal Institute of Technology, Stockholm.
36. Haklay, M., Vaughan, L., Jones, C. E. and Griffiths, S., (2008). Towards a spatial understanding of how suburbs adapt to change, *Proceedings of RGS-IBG Annual International Conference 2008*. Royal Geographical Society, London.
37. Griffiths, S., Jones, C. E., Haklay, M. and Vaughan, L., (2008). Some theoretical and methodological implications of space syntax methodology for historical GIS: the example of Greater London's suburban town centres, *Historical GIS 2008*, University of Essex.
38. Jones, C.E., Haklay, M., Griffiths, S. and Vaughan, L., (2008). Visualising London's suburbs. *Proceedings of Geographical*

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- Information Science Research* - UK (GISRUK 2008), 2 - 4 April 2008, Manchester Metropolitan University, UK.
- 39.Griffiths, S., Vaughan, L., Haklay, M. and Jones, C. E., (2007). Sustainability as the success of a centre over time, the case of Greater London's suburbs, *Proceedings of RGS-IBG Annual International Conference 2007*. Royal Geographical Society, London.
  - 40.Jones, C.E., Longley, P.A. and Haklay, M., (2006). Measuring Health Performance: Local Measures for Local People, *Proceedings of Regional Science Great Britain and Ireland 2006*. August 2006, RSIA – IGB, Jersey.
  - 41.Jones, C.E., Longley, P.A. and Haklay, M., (2006). Measuring Health Performance, Local Measures for Local People - Using national surveys & Geodemographics to identify smokers, March 2006, *Annual Association of American Geographers (AAG)*, Chicago, USA.
  - 42.Jones, C.E., Mateos,P., Longley,P.A. and Webber,R. (2005). Who does not eat their greens? Geodemographics, health promotion and neighbourhood health inequalities. *Proceedings of Geographical Information Science Research – UK, GISRUK 2005*: University of Glasgow.
  - 43.Jones, C.E, Mateos,P., Longley,P.A. and Webber,R., (2005). The discriminatory power of geodemographics to inform health promotion strategies: Application in breast screening programs. *International Interdisciplinary Conference on Geomedical Systems (GEOMED 2005,)* University of Cambridge.
  44. Mateos,P., Jones,C.E., Longley,P.A. and Webber,R., (2005). Data Mining of ethnic information in patient records through birthplace & name analysis. RGS-IGB Annual Conference, Royal Geographical Society, London.

## Editorials and International conference coordination

1. Jones C.E. Pearson, A. and Hart, G..(Eds.) 2011, Proceedings of the GIS Research UK 18th Annual Conference GISRUK 20101. University of Portsmouth : UK
2. Chambers, S. and Jones. C.E., (2016). Proceeding of the DH Benelux 3rd Annual conference DHBenelux2016. Luxembourg
3. Jones, C.E. and Tate, N.J (2012) (eds of special edition), *Transactions in GIS*, 16, 4
4. Wieneke, L., Jones, C., During, M., Armaselu, F., & Leboutte, R. (2016). Proceedings of the Third Conference on Digital Humanities in Luxembourg with a Special Focus on Reading Historical Sources in the Digital Age. In *CEUR workshop proceedings*.
5. Programme committee member for DHBENELUX since 2014

## Publications – Book Reviews

- Jones, C.E., (2010) on - Emergence and Re-Emergence Infectious Disease a Geographical Analysis, Cliff, A.D., Smallman-Raynor, M.R., Haggett, P., Stroup, D.F. and Thacker, S.B, 2009, *Significance*.
- Jones, C.E., (2007) on – Street Science: Community Knowledge and Environmental Health Justice, Coburn, J., *Public Understanding of Science*, 16(3), pp 365 - 366.
- Jones, C.E., (2005) on – Methodology and epistemology of multilevel analysis: approaches from different social sciences, Courgeau, D. [ed], *Environment and Planning B*. 32(6), pp 921 - 930.
- Jones, C.E., (2006) on– Measuring health equity in small areas: findings from demographic surveillance systems, INDEPTH Network, *Environment and Planning B*. 35(5), pp 789 – 79.

## Skills & Professional Qualifications

Research Methods: Quantitative - Statistics (correlation, multiple regression, chi square testing, survey design) statistical analysis of crime, health, census datasets.

Research Methods: Qualitative - Literature search, focus groups, interviews and interview analysis and video analysis using Mangold Interact

GIS: MapInfo, MapBasic, Manifold (topology factory, network analysis) ESRI,: ArcGIS including Spatial Analyst, Geostatistical and 3D Analyst.) , QGIS, CartoDB and GeoDa

Human Computer Interaction - usability evaluation and experiments, eye tracking analysis, video analysis; Think Aloud protocol, wireframes and prototype analysis (balsamiq and pencil)

Data Analysis: SPSS and STATA, basic knowledge of R, geographical weighted regression, principal component analysis and geodemographic profiling (SPSS and ARCGIS)

Gathering User Requirements: data analysis techniques to determine data integrity issues, planning and estimating of projects using Gantt charts and resource pools, software evaluation,.



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Project Management: planning and life cycle understanding, producing corporate project templates, project documentation, management reports, co-coordinating people in a matrix management environment, implementing project methodology, presentation skills.

PRINCE 2 Practitioner (IT Project Methodology) & foundation certificate for PRINCE 2 (1998 – 2000)

Certified SCRUM product Owner (August 2013) – JIRA and Confluence

## Professional Courses

- Certified SCRUM product Owner (Luxembourg) (August 2013)
- Introduction to R (Bucharest, Romania) (Sept 2010)
- Geographical Weighted Regression (CASA, University College London) (2006)
- Social Epidemiology (John Hopkins University, Baltimore, USA) (2005)
- Spatial Regression, University of Manchester (2006)
- Personal Impact and Confident Networking (2009)
- Making Sense of Budgets (2009)
- Getting Grant Funding - Science and Engineering (2009)
- Effective Problem Solving at Work (2009)
- Managing Your Professional Life(2008)
- Bite Sized Creativity (2008)
- Think-Write: Quality Papers(2008)
- Fundamentals of Effective Lecturing (2008)
- Curriculum Design(2008)
- Knowledge Transfer Management Modules 1, 2 & 3. (2004-2007)
- Small Group Teaching - Encouraging Active Learning in the Classroom (2008)