John Taylor Shelton, Ph.D.

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EDUCATION

2015	Ph.D., Geography, Clark University *Dissertation:* Geographies of Data: Toward a Relational Socio-spatial Analysis of Geotagged Social Media Data
2011	M.A., Geography, University of Kentucky
2008	B.A., Geography and Political Science, University of Kentucky

ACADEMIC POSITIONS

2016 –	Visiting Scholar, Department of Geography, University of Kentucky
2015 – 2016	Postdoctoral Fellow, Center for Urban Innovation, Georgia Institute of Technology
2011 – 2013	Research & Teaching Assistant, Graduate School of Geography, Clark University
2009 – 2011	Research & Teaching Assistant, Department of Geography, University of Kentucky

PUBLICATIONS

(a) Journal Articles

Forthcoming	**Shelton, T.** The urban geographical imagination in the age of big data. *Big Data and Society*.
	Shelton, T. Spatialities of data: mapping social media 'beyond the geotag'. *GeoJournal*.
2016	Thatcher, J., L. Bergmann, B. Ricker, R. Rose-Redwood, D. O'Sullivan, T.J. Barnes, L.R. Barnesmoore, L. Beltz Imaoka, R. Burns, J. Cinnamon, C.M. Dalton, C. Davis, S. Dunn, F. Harvey, J-K. Jung, E. Kersten, L. Knigge, N. Lally, W. Lin, D. Mahmoudi, M. Martin, W. Payne, A. Sheikh, **T. Shelton**, E. Sheppard, C.W. Strother, A. Tarr, M.W. Wilson and J.C. Young. Revisiting critical GIS. *Environment and Planning A* 48(5): 815-824.
2015	**Shelton, T.**, A. Poorthuis and M. Zook. Social media and the city: rethinking urban socio-spatial inequality using user-generated geographic information. *Landscape and Urban Planning* 142: 198-211.
	Shelton, T., M. Zook and A. Wiig. The 'actually existing smart city'. *Cambridge Journal of Regions, Economy and Society* 8(1): 13-25.
2014	**Shelton, T.**, A. Poorthuis, M. Graham and M. Zook. Mapping the data shadows of Hurricane Sandy: uncovering the sociospatial dimensions of 'big data'. *Geoforum* 52: 167-179.

2013	Graham, M. and **T. Shelton**. Geography and the future of big data, big data and the future of geography. *Dialogues in Human Geography* 3(3): 255-261.
	Crampton, J.W., M. Graham, A. Poorthuis, **T. Shelton**, M. Stephens, M.W. Wilson and M. Zook. Beyond the geotag: situating 'big data' and leveraging the potential of the geoweb. *Cartography and Geographic Information Science* 40(2): 130-139.
2012	**Shelton, T.**, M. Zook and M. Graham. The technology of religion: mapping religious cyberscapes. *The Professional Geographer* 64(4): 602-617.
2010	Zook, M., M. Graham, **T. Shelton** and S. Gorman. Volunteered geographic information and crowdsourcing disaster relief: a case study of the Haitian earthquake. *World Medical and Health Policy* 2(2): 7-33.

(b) Chapters in Edited Volumes

2017	**Shelton, T.** Re-politicizing Data. In *Our Digital Rights to the City*, eds. J. Shaw and M. Graham. Meatspace Press. pp. 24-27.
2016	Poorthuis, A., M. Zook, **T. Shelton**, M. Graham and M. Stephens. Using Geotagged Digital Social Data in Geographic Research. In *Key Methods in Geography (3rd Edition)*, eds. N. Clifford, M. Cope, T. Gillespie and S. French. Sage. pp. 248-269.
2013	Graham, M., **T. Shelton** and M. Zook. Mapping Zombies. In *Zombies in the Academy*, eds. A. Whelan, R. Walker and C. Moore. Intellect Press. pp. 147-156.
2012	Zook, M. and **T. Shelton**. The Integration of Virtual Flows into Material Movements within the Global Economy. In *Cities, Regions and Flows*, eds. P.V. Hall and M. Hesse. Routledge. pp. 42-57.

(c) Encyclopedia Entries

2017	Zook, M. and **T. Shelton**. Internet and Global Capitalism. In *The International Encyclopedia of Geography: People, the Earth, Environment and Technology*, ed. D. Richardson. Wiley-AAG. pp. 1-11.
2015	**Shelton, T.** and M. Zook. Information Society, Geography of. In *International Encyclopedia of the Social and Behavioral Sciences (2nd Edition)*, volume 12, ed. J. Wright. Elsevier. pp. 90-94.

(d) Peer-Reviewed Conference Proceedings

2011	Zook, M., M. Graham and **T. Shelton**. Analyzing Global Cyberscapes: Mapping Geo-coded Internet Information. In *Proceedings of the 2011 iConference*. pp. 522-530.

(e) Cartographic Publications

2011	Zook, M., M. Graham and **T. Shelton**. The Presidential Placemark Poll. In *Atlas of the 2008 Elections*, eds. S.D. Brunn, G.R. Webster, R.L. Morrill, F.M. Shelley, J.C. Archer and S.J. Lavin. Rowman and Littlefield. pp. 43-44.
2010	Graham, M., **T. Shelton** and M. Zook. U.S. Abortion Providers and Alternatives. In *Mapping America*, ed. F. Kessler. Black Dog Publishing. pp. 140-141.

(f) Book Reviews

2015   **Shelton, T.** Review of <u>The Data Revolution: Big Data, Open Data, Data Infrastructures and Their Consequences</u> by Rob Kitchin. _Progress in Physical Geography_ 39(3): 412-413.

2013   **Shelton, T.** Review of <u>Urban Assemblages: How Actor-Network Theory Changes Urban Studies</u> by Ignacio Farías and Thomas Bender, eds. _Urban Geography_ 34(4): 575-576.

2012   **Shelton, T.** Review of <u>Code/Space: Software and Everyday Life</u> by Rob Kitchin and Martin Dodge. _Annals of the Association of American Geographers_ 102(1): 247-249.

(g) Policy Reports

2017   **Shelton, T.** Mapping a Segregated City: The Growth of Racially/Ethnically Concentrated Poverty and Affluence in Lexington, 1970-2014. Lexington Fair Housing Council. January.

PRESENTATIONS   [* indicates presenting author]

(a) Invited Presentations

2017   **Shelton, T.** Mapping the Relational Geographies of Lexington's Housing Landscape. Departmental Colloquium Series, Department of Geography and New Mappings Collaboratory, University of Kentucky. Lexington, KY. March 3.

2016   **Shelton, T.** and T. Lodato. 'Actually existing smart citizens': expertise and (non)participation in the making of the smart city. Creating the Smart City Workshop, Maynooth University. Maynooth, Ireland. September 5.

(b) Conference Presentations

2017   Poorthuis, A.* and **T. Shelton**. A comparative study of urban neighborhoods using geosocial media data. 113th Annual Meeting of the American Association of Geographers. Boston, MA. April 7.

                Shelton, T. and A. Poorthuis. The nature of neighborhoods: using big data to rethink the geographies of Atlanta's neighborhood planning unit system. 113th Annual Meeting of the American Association of Geographers. Boston, MA. April 5.

2016   **Shelton, T.** and A. Poorthuis. The nature of neighborhoods: stability and change in Atlanta's neighborhood geographies. 71st Annual Meeting of the Southeastern Division of the American Association of Geographers. Columbia, SC. November 21.

                Shelton, T. and T. Lodato. 'Actually existing smart citizens': expertise and (non)participation in the making of the smart city. Regional Studies Association North America Conference. Atlanta, GA. June 16.

                Shelton, T. and A. Poorthuis. Re-mapping Atlanta: Exploring neighborhoods and urban spatial mobilities using big data. 4th Annual Atlanta Studies Symposium. Atlanta, GA. May 11.

Shelton, T., A. Poorthuis and M. Zook. Social media and the city: rethinking segregation and mobility using big data. Convening on Urban Data Science, University of Chicago. Chicago, IL. April 28.

Shelton, T. Places, Properties, Parcels: The Potentials of Mapping Property Relationally. 112th Annual Meeting of the American Association of Geographers. San Francisco, CA. April 1.

2015   **Shelton, T.** Data-driven governance in the 'actually existing smart city'. Symposium on The Crowd, the Cloud and Urban Governance, University of Illinois–Chicago. Chicago, IL. April 20.

2014   **Shelton, T.** Beyond 'big' and 'smart': the relational and territorial politics of data-driven urban governance. 110th Annual Meeting of the Association of American Geographers. Tampa, FL. April 10.

2013   Crampton, J.W., M. Graham, A. Poorthuis*, **T. Shelton**, M. Stephens, M.W. Wilson* and M. Zook. Beyond the geotag: situating 'big data' and leveraging the potential of the geoweb. Annual Meeting of the Royal Geographical Society and the Institute of British Geographers. London, England. August 29.

        Shelton, T., A. Poorthuis, M. Graham and M. Zook. 2013. From dangling cranes to flooded tunnels: Hurricane Sandy and the Geographies of Twitter. 109th Annual Meeting of the Association of American Geographers. Los Angeles, CA. April 12.

2012   **Shelton, T.**, M. Zook and M. Graham. User-generated political geographies: placing politics on the geoweb. 67th Annual Meeting of the Southeastern Division of the Association of American Geographers. Asheville, NC. November 19.

        Graham, M., **T. Shelton** and M. Zook*. Mapping Zombies. 67th Annual Meeting of the Southeastern Division of the Association of American Geographers. Asheville, NC. November 19.

        Shelton, T., M. Zook and M. Graham. From online politics to user-generated political geographies. Workshop on Big and User-Generated Geographic Data, University of Kentucky. Lexington, KY. June 15.

        Graham, M., **T. Shelton** and M. Zook*. 2012. Mapping Zombies. Workshop on Big and User-Generated Geographic Data, University of Kentucky. Lexington, KY. June 15.

        Shelton, T., M. Zook and M. Graham. The Technology of Religion: Mapping Religious Cyberscapes. 108th Annual Meeting of the Association of American Geographers. New York, NY. February 24.

2011   **Shelton, T.** Science parks, sustainability and the politics of local economic development: a case study of the Coldstream Research Campus. 107th Annual Meeting of the Association of American Geographers. Seattle, WA. April 13.

        Zook, M.*, M. Graham, and **T. Shelton**. Analyzing Global Cyberscapes: Mapping Geo-coded Internet Information. 2011 iConference. Seattle, WA. February 11.

2010   **Shelton, T.** Sustainable development as social regulation: university science parks and the politics of economic development. 17th Annual mini-Conference on Critical Geography. Milwaukee, WI. November 6.

           Shelton, T. Telemediated Labor and the Seesaw Theory of Uneven Development. 106th Annual Meeting of the Association of American Geographers. Washington, D.C. April 15.

2009   **Shelton, T.** (Re) placing resources: capitalism, space and electronic waste. 64th Annual Meeting of the Southeastern Division of the Association of American Geographers. Knoxville, TN. November 23.

           Shelton, T. (Re) placing resources: capitalism and transnational flows of electronic waste. 16th Annual mini-Conference on Critical Geography. Athens, GA. October 24.

(c) Panel Participation

2017   **Shelton, T.** Information Geographies: Data, democracy and improving the world with critical VGI. 113th Annual Meeting of the American Association of Geographers. Boston, MA. April 5.

2011   **Shelton, T.** Technology, Space and Society: Critical Perspectives. 18th Annual Conference on Critical Geography. Worcester, MA. November 6.

(d) Sessions Organized, Facilitated, Chaired, etc.

2017   Leszczynski, A. and **T. Shelton**. Cities and Data Beyond Smart Urbanism. 113th Annual Meeting of the American Association of Geographers. Boston, MA. April 8.

           Shelton, T. and A. Poorthuis. More than lines on a map? Rethinking neighborhoods and regions. 113th Annual Meeting of the American Association of Geographers. Boston, MA. April 5.

2016   **Shelton, T.** and A. Wiig. Rethinking the smart city. Regional Studies Association North American Conference. Atlanta, GA. June 16.

           Shelton, T. Engaging Data. 112th Annual Meeting of the American Association of Geographers. San Francisco, CA. April 1.

2014   **Shelton, T.** with 5 others. What Tools? What Theory?. Revisiting Critical GIS Symposium. Friday Harbor, WA. October 19.

           Wiig, A. and **T. Shelton**. Thinking the 'smart city': power, politics and networked urbanism (I & II). 110th Annual Meeting of the Association of American Geographers. Tampa, FL. April 10.

2013   **Shelton, T.** Cyberscapes of Information: Building a Digital Sixth Sense with User-generated Geocoded Data. Insiders/Outsiders: The 2013 MIT-Knight Civic Media Conference. Cambridge, MA. June 24.

           Shelton, T. and M. Graham. More data, more problems? Geography and the future of 'big data'. 109th Annual Meeting of the Association of American Geographers. Los Angeles, CA. April 12.

2012   **Shelton, T.** Geographies of the Geoweb. 67th Annual Meeting of the Southeastern Divison of the Association of American Geographers. Asheville, NC. November 19.

2011   **Shelton, T.** and A. Fickey. Critical Perspectives on Local and Regional Economic Development. 107th Annual Meeting of the Association of American Geographers. Seattle, WA. April 13.

FUNDING, HONORS AND AWARDS

2016 – 2017   Research Grant ($5,000), Lexington Fair Housing Council

2016   Campus Writing Award (for Floatingsheep Collective), University of Kentucky Department of Writing, Rhetoric and Digital Studies

2014   Pruser Dissertation Enhancement Award ($574), Clark University Graduate School of Geography

Marion I. Wright Travel Grant ($300), Clark University Graduate School of Geography

2013   Marion I. Wright Travel Grant ($300), Clark University Graduate School of Geography

2012 – 2013   Mary E. and Irene L. Piper Fellowship in Urban Geography, Clark University Graduate School of Geography

2012   Conference Travel Funding ($300), Clark University Graduate School of Geography

2011   Conference Travel Support Grant ($400), University of Kentucky Graduate School

2009   Honorable Order of Kentucky Colonels

Ellen Churchill Semple Research Award, University of Kentucky Department of Geography

Elected Phi Beta Kappa

2008   Graduated Summa Cum Laude, University of Kentucky

2007 – 2008   Academic Excellence Scholarship ($1,500), University of Kentucky

COURSES TAUGHT

Georgia Institute of Technology

PUBP4211 Urban Policy

Clark University (as Teaching Assistant)

GEOG257 Internet Geography
GEOG052 Global Change, Regional Challenges
GEOG016 Introduction to Economic Geography

University of Kentucky (as Teaching Assistant)

GEO255 Geography of the Global Economy

GEO164 Wired Worlds: Global Information Geographies
GEO130 Earth's Physical Environment

SERVICE ACTIVITIES

Georgia Institute of Technology

> Local Organizing Committee, 2016 Regional Studies Association North America Conference

Clark University

> Clark University Geographical Society
>> Graduate Admissions Committee
>> Visiting Students Committee

University of Kentucky

> Geography Graduate Student Union
>> GIS Faculty Search Committee
>> External Relations Committee
>> Library Acquisitions Committee
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> President's Sustainability Advisory Committee
>
> Student Sustainability Council
>
> Student Government Association

Extramural Service

> Manuscript Peer Reviewer for:
>> ACM CHI (2015)
>> *Annals of the American Association of Geographers* (2015, 2016: 2)
>> *Antipode* (2016)
>> *Applied Geography* (2014, 2016)
>> *Big Data and Society* (2015: 2, 2016)
>> *Cartography and Geographic Information Science* (2016: 2)
>> *Economy and Society* (2016)
>> *Environment and Planning D: Society and Space* (2014, 2015)
>> *Geoforum* (2013, 2015: 2)
>> *Geographical Analysis* (2016)
>> Hawaii International Conference on System Sciences (2014)
>> *Journal of Maps* (2016)
>> *Journal of Urban Technology* (2014: 2)
>> *Progress in Human Geography* (2016, 2017)
>> *Science as Culture* (2016)
>> *Territory, Politics, Governance* (2014, 2015)
>> *The Professional Geographer* (2015)
>> *Transactions in GIS* (2015)
>> *Urban Research and Practice* (2016)
>> *Urban Studies* (2016)
>
> AP Human Geography Reader (2014, 2015, 2017)

PROFESSIONAL ASSOCIATIONS

2009 –   American Association of Geographers (AAG)
                    Urban Geography Specialty Group
                    Geographic Information Science and Systems Specialty Group