

# John Taylor Shelton, Ph.D.

Mississippi State University // Department of Geosciences  
108 Hilbun Hall // Mississippi State, MS 39762  
email: taylor.shelton@msstate.edu

## 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

---

- 2017 –            Assistant Professor, Department of Geosciences, Mississippi State University
- 2016 – 2017    Visiting Scholar, Department of Geography, University of Kentucky
- 2015 – 2016    Postdoctoral Fellow, Center for Urban Innovation, Georgia Institute of Technology

## PUBLICATIONS

---

### *(a) Journal Articles*

- 2017            **Shelton, T.** Spatialities of data: mapping social media ‘beyond the geotag’. *GeoJournal* 82(4): 721-734.
- Shelton, T.** The urban geographical imagination in the age of big data. *Big Data and Society* 4(1): 1-14.
- 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*

- Forthcoming* **Shelton, T.** Digital Civics. In *Digital Geographies*, eds. J. Ash, R. Kitchin and A. Leszczynski. Sage.
- Zook, M., **T. Shelton** and A. Poorthuis. Big Data and the City. In *Handbook of Urban Geography*, eds. T. Schwanen and R. van Kempen. Edward Elgar.
- 2017 **Shelton, T.** and J. Clark. Uneven Development and Expertise in the 'Smart City'. In *Cities as Engines of Innovation and Inclusive Growth*, eds. F. Montanari, F. Sgaragli and D. Teloni. Fondazione Giacomo Brodolini. pp. 105-109.
- 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 (3<sup>rd</sup> 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. 3784-3794.
- 2015 **Shelton, T.** and M. Zook. Information Society, Geography of. In *International Encyclopedia of the Social and Behavioral Sciences (2<sup>nd</sup> 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 The Data Revolution: Big Data, Open Data, Data Infrastructures and Their Consequences by Rob Kitchin. *Progress in Physical Geography* 39(3): 412-413.
- 2013 **Shelton, T.** Review of Urban Assemblages: How Actor-Network Theory Changes Urban Studies by Ignacio Fariás and Thomas Bender, eds. *Urban Geography* 34(4): 575-576.
- 2012 **Shelton, T.** Review of Code/Space: Software and Everyday Life by Rob Kitchin and Martin Dodge. *Annals of the Association of American Geographers* 102(1): 247-249.

(g) Policy Reports

- 2017 **Shelton, T.** Locked Out: Foreclosure, Eviction and Housing Instability in Lexington, 2005-2016. Lexington Fair Housing Council. October.
- 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 **Shelton, T.** Rethinking the RECAP: visualizing the relational geographies of concentrated poverty and affluence in Lexington, Kentucky. 72<sup>nd</sup> Annual Meeting of the Southeastern Division of the American Association of Geographers. Starkville, MS. November 20.

- Poorthuis, A.\* and **T. Shelton**. A comparative study of urban neighborhoods using geosocial media data. 113<sup>th</sup> 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. 113<sup>th</sup> 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. 71<sup>st</sup> 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. 4<sup>th</sup> 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. 112<sup>th</sup> 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. 110<sup>th</sup> 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. 109<sup>th</sup> 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. 67<sup>th</sup> 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. 67<sup>th</sup> 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. 108<sup>th</sup> 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. 107<sup>th</sup> 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. 17<sup>th</sup> Annual mini-Conference on Critical Geography. Milwaukee, WI. November 6.

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

2009 **Shelton, T.** (Re) placing resources: capitalism, space and electronic waste. 64<sup>th</sup> 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. 16<sup>th</sup> 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. 113<sup>th</sup> Annual Meeting of the American Association of Geographers. Boston, MA. April 5.

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

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

- 2017      **Shelton, T.** and I. Spangler. Digital Geographies and Critical Mapping. 72<sup>nd</sup> Annual Meeting of the Southeastern Division of the American Association of Geographers. Starkville, MS. November 20.
- Leszczynski, A. and **T. Shelton**. Cities and Data Beyond Smart Urbanism. 113<sup>th</sup> 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. 113<sup>th</sup> 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. 112<sup>th</sup> 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). 110<sup>th</sup> 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’. 109<sup>th</sup> Annual Meeting of the Association of American Geographers. Los Angeles, CA. April 12.
- 2012      **Shelton, T.** Geographies of the Geoweb. 67<sup>th</sup> Annual Meeting of the Southeastern Division of the Association of American Geographers. Asheville, NC. November 19.
- 2011      **Shelton, T.** and A. Fickey. Critical Perspectives on Local and Regional Economic Development. 107<sup>th</sup> Annual Meeting of the Association of American Geographers. Seattle, WA. April 13.

**FUNDING, HONORS AND AWARDS**

---

- 2016 – 2017      Research Grant (\$5,400), 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**

---

### Mississippi State University

GR4990/6990 Digital Geographies  
 GR4203/6203 Geography of North America  
 GR2013 Cultural Geography

### 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  
  
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, 2017)  
*Antipode* (2016)  
*Applied Geography* (2014, 2016)  
*Big Data and Society* (2015: 2, 2016, 2017: 2)  
*Cartography and Geographic Information Science* (2016: 2)  
*Cities* (2017: 2)  
*Economy and Society* (2016)  
*Environment and Planning B: Urban Analytics and City Science* (2017)  
*Environment and Planning D: Society and Space* (2014, 2015, 2017: 2)  
*Geoforum* (2013, 2015: 2)  
*Geographical Analysis* (2016)  
*Geography Compass* (2017)  
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, 2017)  
*Transactions in GIS* (2015)  
*Urban Research and Practice* (2016)  
*Urban Studies* (2016, 2017)  
  
AP Human Geography Reader (2014, 2015, 2017)

**PROFESSIONAL ASSOCIATIONS**

---

2009 – American Association of Geographers (AAG)



Digital Geographies Specialty Group  
Urban Geography Specialty Group  
Geographic Information Science and Systems Specialty Group

2017 – Urban Affairs Association (UAA)