John Taylor Shelton, Ph.D.

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email: taylor.shelton@msstate.edu

EDUCATION

2015   Ph.D., Geography, Clark University

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

Forthcoming   **Shelton, T.** and A. Poorthuis. The nature of neighborhoods: using big data to rethink the geographies of Atlanta's Neighborhood Planning Unit system. *Annals of the American Association of Geographers*.

Shelton, T. and T. Lodato. Actually existing smart citizens: expertise and (non)participation in the making of the smart city. *City*.

2018   **Shelton, T.** Mapping dispossession: eviction, foreclosure and the multiple geographies of housing instability in Lexington, Kentucky. *Geoforum* 97: 281-291.

Shelton, T. Rethinking the RECAP: mapping the relational geographies of concentrated poverty and affluence in Lexington, Kentucky. *Urban Geography* 39(7): 1070-1091.

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	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.

2018	**Shelton, T.** Civics. In *Digital Geographies*, eds. J. Ash, R. Kitchin and A. Leszczynski. Sage. pp. 250-259.

Shelton, T. and T. Lodato. From smart cities to smart citizens? Searching for the 'actually existing smart citizen' in Atlanta, Georgia. In *Creating Smart Cities*, eds. C. Coletta, L. Evans, L. Heaphy and R. Kitchin. Routledge. pp. 144-154.

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.

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.

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.

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.

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) 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.

(d) 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.

(e) Book Reviews

2019   **Shelton, T.** Meet the New Lines, Same as the Old Lines (Review of <u>New Lines: Critical GIS and the Trouble of the Map</u> by Matthew W. Wilson). *Transactions in GIS* 23(1): 171-173.

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.

(f) 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

2018   **Shelton, T.** and M. Zook. Placing big data: political and societal dimensions of big data. Summer School in Massive Spatial Data, Laboratoire d'Excellence Dynamiques Territoriales et Spatiales, University of Paris. Florence, Italy. September 28.

         Shelton, T. Data-driven governance, post-truth politics? Departmental Colloquium Series, Department of Humanities, Arts and Social Sciences, Singapore University of Technology and Design. Singapore. July 24.

         Shelton, T. Data-driven governance, post-truth politics? Social Justice and the Smart City Seminar Series, Calgary Institute for the Humanities, University of Calgary. Calgary, Canada. March 6.

         Shelton, T. Mapping the relational geographies of urban inequality: racially concentrated poverty and affluence in Lexington, Kentucky. Departmental Colloquium Series, Department of Anthropology and Middle Eastern Cultures, Mississippi State University. Starkville, MS. January 26.

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

2019   **Shelton, T.** Mapping Housing Injustice. Workshop on Community Geography, University of Georgia / Georgia State University. Atlanta, GA. January 25.

2018   **Shelton, T.** Mapping dispossession: eviction, foreclosure and the multiple geographies of housing instability in Lexington, Kentucky. 114th Annual Meeting of the American Association of Geographers. New Orleans, LA. April 13.

         Shelton, T. Mapping dispossession: eviction, foreclosure and the multiple geographies of housing instability in Lexington, Kentucky. 48th Annual Meeting of the Urban Affairs Association. Toronto, Canada. April 5.

2017   **Shelton, T.** Rethinking the RECAP: visualizing the relational geographies of concentrated poverty and affluence in Lexington, Kentucky. 72nd 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. 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

2018   **Shelton, T.** Geospatial Applications, Opportunities and the Future. GIS Day, Mississippi State University. Starkville, MS. November 13.

Shelton, T. Symposium on New Horizons in Human Dynamics Research: Research Agenda in Smart Cities and Urban Computing. 114th Annual Meeting of the American Association of Geographers. New Orleans, LA. April 10.

Shelton, T. Author Meets Critics: *New Lines: Critical GIS and the Trouble of the Map* by Matthew W. Wilson. 114th Annual Meeting of the American Association of Geographers. New Orleans, LA. April 10.

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.

2018   **Shelton, T.** and D. Mahmoudi. Mapping Urban In/justice (I, II, III & IV). 114th Annual Meeting of the American Association of Geographers. New Orleans, LA. April 13.

2017   **Shelton, T.** and I. Spangler. Digital Geographies and Critical Mapping. 72nd 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. 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

2019   Honorable Mention, *Urban Geography* Early Career Researcher Prize

2018	Invited Participant, Summer Institute in Urban Studies, Manchester Urban Institute and National University of Singapore
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

GR8313 Advanced Cultural Geography
GR4990/6990 Digital Geographies
GR4203/6203 Geography of North America
GR4123/6123 Urban Geography
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

STUDENT ADVISING AND MENTORING

Primary Advisor

2018 –   Mustafa Monk. M.S. Geoscience (Geography), Mississippi State University.

Committee Member

2018 –   Khalid Hossain. Ph.D. Earth and Atmospheric Sciences, Mississippi State University.

2018 –   Mary-Stewart Wachter. M.S. Geoscience (Professional Meteorology/Climatology), Mississippi State University.

2018 –   Mary Grace Chambers. M.S. Geoscience (Geospatial Sciences), Mississippi State University.

SERVICE ACTIVITIES

Mississippi State University

> Department of Geosciences
> > Departmental Seminar Organizing Committee
> > Human Geography Faculty Search Committee
> > Strategic Planning Committee
> > Distance Learning Oversight Committee
> > Graduate Curriculum Task Force

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

    Awards Committee, AAG Digital Geographies Specialty Group

    Manuscript/Grant Proposal Peer Reviewer for:
        ACM CHI (2015)
        Annals of the American Association of Geographers (2015, 2016: 2, 2017, 2018, 2019: 2)
        Antipode (2016)
        Applied Geography (2014, 2016)
        Big Data and Society (2015: 2, 2016, 2017: 2, 2018)
        Cartography and Geographic Information Science (2016: 2)
        Cities (2017: 2, 2018, 2019)
        City (2018)
        Economy and Society (2016)
        Environment and Planning B: Urban Analytics and City Science (2017)
        Environment and Planning C: Politics and Space (2018)
        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 Planning Literature (2018)
        Journal of Urban Technology (2014: 2)
        Progress in Human Geography (2016, 2017)
        Science as Culture (2016)
        Social Sciences and Humanities Research Council of Canada (2019)
        Territory, Politics, Governance (2014, 2015)
        The Professional Geographer (2015, 2017, 2018)
        Transactions in GIS (2015)
        Urban Geography (2018)
        Urban Research and Practice (2016)
        Urban Studies (2016, 2017, 2019)

    AP Human Geography Reader (2014, 2015, 2017, 2018)

PROFESSIONAL ASSOCIATIONS

2009 –   American Association of Geographers (AAG)
               Digital Geographies Specialty Group
               Urban Geography Specialty Group

2017 –   Urban Affairs Association (UAA)

2018 –   Scholars Strategy Network (SSN)