IAN T. SPANGLER

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Norman B. Leventhal Map & Education Center, Boston Public Library
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ACADEMIC EMPLOYMENT

2021 –	Assistant Curator of Digital & Participatory Geography *Norman B. Leventhal Map & Education Center, Boston Public Library*
2024 –	Lecturer in Geospatial Humanities *Department of Urban and Environmental Policy and Planning, Tufts University*

EDUCATION

2018 – 2023	PhD, Geography *University of Kentucky, Department of Geography* Title: "Property protocols and the spatial relations of real estate technologies"
2016 – 2018	MA, Geography *University of Kentucky, Department of Geography* Title: "One more way to sell New Orleans": Airbnb and the commodification of authenticity through local emotional labor
2012 – 2016	BA, English & Geography (Magna Cum Laude) *University of Mary Washington, Departments of English & Geography*
2018 – 2020	Graduate Certificate in Digital Mapping *University of Kentucky, Department of Geography*
2013 – 2016	Certificate in Geographic Information Science (GISc) *University of Mary Washington, Department of Geography*

PUBLICATIONS

peer-reviewed articles

Zook, Matthew and Ian Spangler. 2023. "A crisis of data? Transparency practices and infrastructures of value in data broker platforms." *The Annals of the American Association of Geographers* 113.1: 110-128.

Spangler, Ian. 2021. "What Seeps from the Pores." *you are here: A Journal of Creative Geography* 22: 6-13.

Spangler, Ian. 2020. "Hidden value in the platform's platform: Airbnb, displacement, and the un-homing spatialities of emotional labor." *Transactions of the Institute of British Geographers* 45: 575-588.

Stone, Meredith, Ian Spangler, Xavier Griffin, and Stephen Hanna. 2016. "Searching for the Enslaved in the 'Cradle of Democracy': Virginia's James River Plantations and the Reproduction of Local Social Memories." *Southeastern Geographer* 56.2: 203-222.

peer-reviewed conference proceedings

Nemer, David, <u>Ian Spangler</u> and Michaelanne Dye. 2018. "Airbnb and the Costs of Emotional Labor in Havana, Cuba." *21ˢᵗ ACM Conference on Computer-Supported Cooperative Work and Social Computing,* 245-248.

public scholarship & exhibitions

<u>Spangler, Ian</u> and Emily Bowe. 2024. "Processing Place: How Computers and Cartographers Redrew our World." *Leventhal Map & Education Center at the Boston Public Library*. 13 September through 15 April. https://www.leventhalmap.org/digital-exhibitions/processing-place/.

<u>Spangler, Ian</u>. 2023. "Lexington, Kentucky: Context." *Mapping Inequality*. https://dsl.richmond.edu/panorama/redlining/map/KY/Lexington/context#loc=13/38.0411/-84.4975.

<u>Spangler, Ian</u>. 2022. "How well do you know your Massachusetts towns?" *Leventhal Map & Education Center*. https://www.leventhalmap.org/articles/town-challenge/

<u>Spangler, Ian</u>. 2022. "The two ways to make something louder." *Leventhal Map & Education Center.* https://www.leventhalmap.org/articles/noise-pollution/

<u>Spangler, Ian</u>. 2022. "Of odors and esplanades." *Leventhal Map & Education Center*. https://www.leventhalmap.org/articles/odors-and-esplanades/

<u>Spangler, Ian</u>. 2021. "Howdy, Realtors!" *Leventhal Map & Education Center.* https://www.leventhalmap.org/articles/howdy-realtors/

cartography

<u>Spangler, Ian</u>. 2022. "Mapping the Extant Rosenwald Schools." In *WHRO* Public Media K-12 Educational Videos.

<u>Spangler, Ian</u>. 2021. "Global Geography of Blockchain Firms and Cryptocurrency Exchanges." In Zook, M. and M. McCanless, "Mapping the uneven geographies of digital phenomena: The case of blockchain." *The Canadian Geographer* 0.0: 1-14.

literary journals

<u>Spangler, Ian</u>. 2021. "Red Wine Vinegar." *Southern Humanities Review* 54.2: 45-65.

<u>Spangler, Ian.</u> 2015. "Distortion, or Nothing Is Where You Think It Is." *Blotterature Literary Magazine* 2.2: 4-14.

book reviews

<u>Spangler, Ian.</u> 2023. Review of *Data Power*, by Jim Thatcher and Craig Dalton. *Antipode Book Review Symposium*. https://antipodeonline.org/2023/01/26/data-power-book-review-forum/.

<u>Spangler, Ian.</u> 2019. Review of *Work: The Last 1,000 Years*, by Andrea Komlosy. *Labour and Industry: A Journal of the Social and Economic Relations of Work*. 29.4: 388-391.

<u>Spangler, Ian.</u> 2019. Review of *Welcome to Fairyland: Queer Miami before 1940*, by Julio Capó Jr. *Antipode Book Review Symposium*. https://antipodeonline.org/2019/05/30/queer-geographies-symposium/.

<u>Spangler, Ian.</u> 2019. Review of *Creole Italian: Sicilian Immigrants and the Shaping of New Orleans Food Culture,* by Justin A. Nystrom. *The AAG Review of Books* 7.4: 243-246.

trade journals

<u>Spangler, Ian</u>. 2024. "Scaling Up Atlascope." *Calafia* 2024:1.

in preparation

> Spangler, Ian. "Property and professionalism in Realtor cartography." In preparation for *Imago Mundi*.

> Spangler, Ian. "Multiply listed, cooperatively controlled." In preparation for *Environment & Planning A*.

> Spangler, Ian. "Sweat matters: on the politics and epistemology of perspiration." In preparation for *cultural geographies*.

> Spangler, Ian. "Situated preservation and spatial data collecting." In preparation for *Journal of Map & Geography Libraries*.

> Spangler, Ian. "The Pony Island Lighthouse Keeper." For submission to at *South Carolina Review*.

AWARDS & HONORS

research awards

2021	National Science Foundation Doctoral Dissertation Research Improvement Grant ($12,425)
2021	AAG Historical Geography Specialty Group (HGSG) Carville Earle PhD Research Award ($400)
2021	UK College of Arts & Sciences Dean's Competitive Fellowship ($10,000)
2021	UK Department of Geography Research Fellowship ($8,325)
2020	Barnhart Withington Research Award ($2,030)
2017	Barnhart Withington Research Award ($985)
2015	Rountree Endowment for Geography ($145)
2015	Rountree Endowment for Geography ($200)

advancement grants

2023	*Making Open-Source Georeferencing Technology Collections-Ready with the Allmaps Platform,* National Endowment for the Humanities Digital Humanities Advancement Grant (Project Director on HAA-293491, $348,916.16; co-grantee with the American Geographical Society Library at the University of Wisconsin-Milwaukee)

scholarship awards

2021	Western Association of Mapping Librarians (WAML) Scholarship ($500)
2020	Kentucky Association of Mapping Professionals (KAMP) Scholarship ($1,000)
2016	Geography Alumni Scholarship ($2,000)
2015	LaVergne Tuck Woody '68 Scholarship ($700)
2015	Roland J. and Frances H. Brown Scholarship ($1,400)

teaching awards

2020	College of Arts & Sciences Outstanding Teaching Assistant Award ($500)
2020	Department of Geography Outstanding Teaching Assistant Award

conference & workshop travel awards

2023	North American Cartographic Information Society (NACIS) Student Travel Grant ($500)
2020	University of Kentucky Graduate Student Congress Travel Grant ($300)
2019	Student Government Organizational Grant, co-grantee with E. Barrett, E. Clancy, E. Sperandio, & O. Meyer ($750)
2018	UGSG Student Travel Award ($100)

2017   University of Kentucky Graduate Student Congress Travel Grant ($300)

paper awards

2021   AAG HGSG Andrew Hill Clark PhD Paper Competition, 2nd place ($150)
2018   AAG HGSG Ralph Brown Paper Award ($150)
2017   AAG HGSG Ralph Brown Paper Award ($150)
2016   UMW Writing Contest Winner ($100)

CONFERENCE PARTICIPATION

paper presentations

2025   "Platformed antitrust in housing and housing data." *American Association of Geographers*. Detroit, MI.

2024   "Possibilities and anxieties in IIIF-powered georeferencing of map collections." *International Image Interoperability Framework (IIIF) Annual Conference*. Los Angeles, California.

2024   "Multiply listed, cooperatively controlled." *Work and the Data Economy: A joint meeting of the Society for Economic Anthropology and the Society for the Anthropology of Work.* Medford, MA.

2023   "All the maps, all the time." *Big Ten Academic Alliance GIS Conference*. Presented with Stephen Appel. Virtual attendance.

2023   "Scaling up Atlascope." *North American Cartographic Information Society Annual Meeting*. Pittsburgh, PA.

2023   "Aesthetics, cartography, and property in the 'NAREB' map." *The Oxford Seminars in Cartography: Emerging Scholars Forum (Artful maps: exploring the visual culture of cartography).* Virtual attendance.

2023   "Multiply listed, cooperatively controlled: Real estate data, market power, and the multiple listing service." *American Association of Geographers*. Denver, CO.

2022   "Digital collections from not so map-liiike to very map-liiike." *IIIF Annual Conference and Showcase*. Boston, MA. Presented with Garrett Dash Nelson and Emily Bowe.

2022   "Disrupting disruption with abolitionist proptech." *American Association of Geographers*. Presented with Eric Huntley. Virtual attendance.

2022   "A crisis of data? Value creation through transparency practices in data broker platforms." *American Association of Geographers*. New York City, NY. Presented with Matthew Zook.

2021   "Data brokers in the platform economy: analyzing transparency as infrastructure in financialized debt markets." *Digital Geographies Conference: Critical perspectives on the platform economy*. Presented by Matthew Zook. Virtual attendance.

2021   "Dislocating frictions: race, financialization, and platform real estate technologies in the US." *Institute of Australian Geographers & New Zealand Geographical Society Combined Conference*. Virtual attendance.

2021   "Codes, screens, and the racialization of platform real estate." *RGS-IBG Annual International Conference*. Virtual attendance.

2021   "Conservative innovations: Understanding forms of development in digital real estate technologies." *American Association of Geographers.* Virtual attendance.

2020   "Sweat Matters: On the politics of perspiration." *10th Annual Dimensions of Political Ecology Conference.* Lexington, Kentucky.

2019   "Airbnb, gentrification, and the value of everyday life: playing host as emotional labor in New Orleans." *American Association of Geographers*. Washington, D.C.

2018   "'One More Way to Sell New Orleans: Airbnb and the Commodification of Authenticity through Local Emotional Labor." *Southeastern Division of the American Association of Geographers*. Johnson City, Tennessee.

2018   "Commodifying Authenticity in New Orleans: Airbnb and the Emotional Labor of Playing Host." *American Association of Geographers*. New Orleans, Louisiana.

2018   "Google, Airbnb, and Reproducing 'The 73.'" *12ᵗʰ Annual Landscape, Space, and Place Conference*. Bloomington, Indiana.

2017   "'Four Blocks from the French Quarter:' Sharing, Authenticity, and the Relational Geography of Airbnb." *Southeastern Division of the American Association of Geographers. Master's Student Paper Competition*. Starkville, Mississippi.

2017   "'Yo, Dre, I've Got Something To Say': Listening to Compton's Hip-Hop Landscape." *American Association of Geographers*. Session Chair. Boston, Massachusetts.

2017   "The 'death-threat' of Newtown Pike: Davis Bottom as a liminal landscape." *11ᵗʰ Annual Landscape, Space, and Place Conference*. Bloomington, Indiana.

2016   "Activist Imaginaries: Toward a Critical Listening in Geography." *23ʳᵈ Annual Critical Geography Mini-Conference*. Lexington, Kentucky.

2016   "Listening to Compton's Hip-Hop Landscape." *University of Mary Washington Geography* Symposium. Fredericksburg, Virginia.

2015   "Searching for the Enslaved in the 'Cradle of Democracy': Virginia's James River Plantations and the Reproduction of Local Social Memories." *Southeastern Division of the American Association of Geographers*. Pensacola, Florida.

2015   "'Let's Pretend': A Symbolic Representation of Great War Literature in Song." *University of Mary Washington Kemp Symposium*. Fredericksburg, Virginia.

2015   "Reading the Plantation Landscape in the James River Region." *University of Mary Washington Geography Symposium*. Fredericksburg, Virginia.

2015   "Reading the Plantation Landscape in the James River Region." *Virginia Social Science Association*. Norfolk, Virginia. Presented with Meredith Stone and Xavier Griffin.

session organization

2025   "Traversing the spacetimes of critical financial geography." *American Association of Geographers*. Co-organized with Julian Hartman and Ding Fei.

2025   "Minor Histories of Geographic Information Systems." *American Association of Geographers*. Co-organized with Jack Swab.

2023   "Digital geographies & oppositional work: A conversation across disciplines." *American Association of Geographers.* Co-organized with Jessi Breen. Denver, CO.

2023   "Spatial Histories of Real Estate Data." *American Association of Geographers*. Co-organized with Scott Markley. Denver, CO.

2022   "Working In, With, and Through the digital." *American Association of Geographers*. Co-organized with Jessi Breen. Virtual.

2022   "Abolitionist proptech." *American Association of Geographers*. Co-organized with Eric Robsky Huntley. Virtual.

2017   "Digital Geographies and Critical Mapping." *Southeastern Division of the American Association of Geographers*. Co-organized with Taylor Shelton. Starkville, MS.

panel member

2025   Panelist of "Minor Histories of Geographic Information Systems." *American Association of Geographers*. Detroit, MI.

2024   Panelist of "Platform Politics." *Society for Economic Anthropology 44th Annual Meeting: Work and the Data Economy*. Medford, MA.

2022   Panelist of "From Atlases to APIs: A discussion of GIS over time." *Northeast Arc Users Group*. Virtual participation. Organized by Glenn Hazelton.

2022   Panelist of "*Data Power* by Jim Thatcher and Craig Dalton: Author Meets Critic." *American Association of Geographers*. Co-organized by Jim Thatcher, Craig Dalton, and Nick Lally. New York City, NY.

poster presentations

2018   "Airbnb and the Costs of Emotional Labor in Havana, Cuba." *21st ACM Conference on Computer-Supported Cooperative Work and Social Computing*. Co-authored with David Nemer and Michaelanne Dye, presented by David Nemer. Jersey City, NJ.

TEACHING

instructor of record

2025   "Introduction to Geospatial Humanities," *Tufts University*
2024   "Introduction to Geospatial Humanities," *Tufts University*
2020   "Lands/People of the Non-Western World" (GEO160), *University of Kentucky*
2020   "Lands/People of the Non-Western World" (GEO160), *University of Kentucky*
2020   "Intro to GIS" (GEO309), *University of Kentucky*
2019   "US Cities" (GEO220), *University of Kentucky*
2019   "US Cities" (GEO220), *University of Kentucky*

teaching assistantships

2018   Teaching Assistant for US Cities (GEO220), *University of Kentucky*
2018   Lead Teaching Assistant for Digital Mapping (GEO109), *University of Kentucky*
2017   Lead Teaching Assistant for Digital Mapping (GEO109), *University of Kentucky*
2017   Teaching Assistant for Digital Mapping (GEO109), *University of Kentucky*
2016   Grader for Earth's Physical Environment (GEO130), *University of Kentucky*

INVITED PRESENTATIONS, APPEARANCES, & LECTURES

invited presentations

2024   "Curatorial introduction to *Processing Place: How Computers and Cartographers Redrew our World*." Co-presented with Emily Bowe. 13 September.

2023   "On academic website design for social scientists." Professional development talk, *Vanderbilt University Department of Human and Organizational Development.* 5 May.

2021   "Using Sanborn Maps to Explore the Historic North Claiborne Corridor." Scholarship award recipient presentation. *Western Association of Mapping Librarians Annual Meeting*. 28 October.

2021   "Toward abolitionist proptech: reflections on the global housing crisis, the financialization of housing, and digital technologies for housing and home." Panelist with Maksym Rokmaniko, Maral Sotoudehnia, and Andy Yan. *221A Roundtable: Re-Commoning Territory: Diversifying Housing Tenure with Platform Cooperatives.* 18 June.

2019 "The Rosenwald Schools: Creating a Spatial Dataset at the National Level." Panelist with Tiffany Tolbert and John Hildreth. *National Trust for Historic Preservation: Preservation Leadership Forum Webinar Series*. 30 January.

media appearances

2023 Interviewed by Scott Morgan. "Online portals and AI background checks: How tech affects South Carolina renters." *South Carolina Public Radio*. https://www.southcarolinapublicradio.org/sc-news/2023-05-05/online-portals-and-ai-background-checks-how-tech-affects-south-carolina-renters

2019 Interviewed by Priya Chhaya and Sandi Burtseva, with John Hildreth. "Webinar: The Rosenwald Schools GIS Mapping Project." *National Trust for Historic Preservation's Preservation Leadership Forum*. https://forum.savingplaces.org/blogs/forum-online/2019/02/21/webinar-the-rosenwald-schools-gis-mapping-project

2015 Interviewed by Emily Hollingsworth, with Stephen Hanna, Meredith Stone, and Xavier Griffin. "UMW Team Examines Slavery Narratives." *UMW Eagle Eye*. https://www.umw.edu/news/2015/03/16/umw-team-examines-slavery-narratives/

2015 Interviewed by Sandy Hausman, with Stephen Hanna, Meredith Stone, and Xavier Griffin. "More to the tour: Slave history at Virginia's plantations." *WVTF radioIQ*. https://www.wvtf.org/post/more-tour-slave-history-virginias-plantations#stream/0

SERVICE

peer reviewer

2024 *Journal of Map & Geography Libraries*
2022 *Urban Geography*
2022 *Progress in Human Geography*
2021 *Urban Studies*
2021 *Environment and Planning A: Economy and Space*
2021 *Urban Geography*
2021 *Journal of Urban Technology*
2020 *Transactions of the Institute of British Geographers*
2020 *Urban Planning*
2020 *cultural geographies*
2019 *cultural geographies*

editorial positions

2018 – 2019 Copy Editor, *disClosure: A Journal of Social Theory*
2015 Nonfiction Editor, *Rappahannock Review Literary Journal*

disciplinary

2021 – 2023 Student Board Member of the Digital Geography Specialty Group (DGSG), *American Association of Geographers*
2021 – 2022 Member of WAML Conference Planning Committee, *Western Association of Mapping Librarians*
2018 – 2020 Graduate Representative of the Cultural Geography Specialty Group (CGSG), *American Association of Geographers*

departmental

2019 – 2020 Organizer: GGSU Distinguished Speaker, *UK Geography Graduate Student Union*

2019 – 2020	Mentor: GGSU Mentorship Program, *UK Geography Graduate Student Union*
2019 – 2020	GGSU Facilitator, *UK Geography Graduate Student Union*
2019 – 2020	Geography in the Bluegrass Day Committee Representative, *UK Geography Graduate Student Union*
2018 – 2019	Organizer: Critical Pedagogy Working Group, *UK Department of Geography*
2018 – 2019	Inclusivity Committee Representative, *UK Geography Graduate Student Union*
2018 – 2019	Internal Affairs Committee Representative, *UK Graduate Student Congress*
2018 – 2019	Graduate Student Congress Representative, *UK Geography Graduate Student Union*
2018 – 2019	Semple Day Committee Representative, *UK Geography Graduate Student Union*
2018 – 2019	Colloquium Committee Representative, *UK Geography Graduate Student Union*
2018 – 2019	Mentor: GGSU Mentorship Program, *UK Geography Graduate Student Union*
2017 – 2018	TA Liaison, *UK Geography Graduate Student Union*
2017 – 2018	Semple Day Committee Representative, *UK Geography Graduate Student Union*
2016 – 2017	Semple Day Committee Representative, *UK Geography Graduate Student Union*
2016 – 2017	Geotechnologies Committee Representative, *UK Geography Graduate Student Union*
2016 – 2017	External Affairs Committee Representative, *UK Geography Graduate Student Union*

conference & symposium organization

2025	"Greater Boston Digital Research and Pedagogy Symposium," *Boston Digital Humanities*. Member of Organizing and Program Committees. Boston, MA.
2024	"Allmaps Public Convening 2024," *Allmaps*. Co-organized with Emily Bowe, Ann Hanlon, Bert Spaan, Marcy Bidney, Stephen Appel, Jie Chen, and Garrett Nelson. Boston, MA.
2024	"Greater Boston Digital Research and Pedagogy Symposium," *Boston Digital Humanities*. Member of Organizing and Program Committees. Medford, MA.

workshop organization

2024	"Digital Storytelling with Cartographic Collections," *Greater Boston Digital Research and Pedagogy Symposium*. Medford, MA.
2022	"Managing information workflows for research, writing, and data," *American Association of Geographers 2022 Summer Series*. Co-organized with Jack Swab. Virtual.
2019	"Space for Theory III: Psychoanalyzing Objects, Violence & Desire." Member of Graduate Student Organizing Committee, with E. Clancy and N. Wilbur. Minneapolis, MN.
2019	"Critical Professionals: Using Your Academic Skills Within and Beyond the Classroom." Co-organized with Emily Barrett, Erin Clancy, Elisa Sperandio, & Olivia Meyer. Lexington, KY.

competitive workshop participation

2024	Library of Congress Labs Data Workshop. Virtual.
2023	University of Chicago Library Workshop *GIS Librarians for Open Workflows Forum*. Chicago, IL.
2021	AAG Learning Series Seminar *Writing from Qualitative Research*. Virtual attendance.
2021	*Spaces of Crisis. Leibniz Institute for Research on Society and Space Spring Academy*. Virtual attendance.

APPOINTMENTS

research assistantships

2020 – 2021	Research Assistant, *Cryptocurrencies and the New Spaces of Finance* (PI: Matthew Zook)
2020	Research Assistant, *Current Land Use of Former Antebellum Plantations and Land Grants in Horry County, SC* (PI: Lynn Phillips)
2014 – 2016	Research Assistant, *Transformation of Racialized Southern American Heritage Landscapes* (Co-PI: Stephen Hanna)
2013	Research Assistant, *Creating a Historical GIS of Parks in Richmond, Virginia* (PI: Melina Patterson)

internships & other professional experience

AP Human Geography Distributed Reader, *College Board* (2020, 2021)
Rosenwald Schools Mapping Project GIS Intern, *National Trust for Historic Preservation* (2018)
Planning Intern, *Henrico County Planning Department* (2015, 2016)
Map Editor Digital Communications Internship, *University of Mary Washington* (2015)

WEB MAPPING PORTFOLIO

See https://itspangler.com

SOFTWARE

mapping & gis

- Desktop (ArcGIS Pro, QGIS)
- Command line GIS & data wrangling (GDAL, Shapely, pandas/GeoPandas, Beautiful Soup)
- JavaScript and CSS libraries for mapping & web design (Leaflet, OpenLayers, D3.js, Chart.js, jQuery, Bootstrap, Bulma, Tailwind)
- Familiar with front-end development frameworks for static site generation and single page applications (Hugo, Vue, Svelte)
- Cloud platforms (ArcGIS Online, Observable)
- APIs and frameworks for geospatial librarianship (IIIF protocol, Blacklight/GeoBlacklight)

language proficiencies

- Query (SQL)
- Markup (JSON, CSS, HTML, XML, Markdown)
- Programming (JavaScript, Python)

data exchange & database systems

- Relational databases (PostgreSQL/PostGIS)
- Version control software & document management (GitHub, pandoc, TeX)
- Web services (GitHub Pages, SEO/Google Search Console)