IAN T. SPANGLER

Norman B. Leventhal Map & Education Center, Boston Public Library, 700 Boylston Street, Boston, MA 02116. itspangler.comgithub.com/itspanglerispangler@leventhalmap.org

RESEARCH AND TEACHING INTERESTS

I study the spatial dynamics of digital technologies. My research is focused on how place-based conceptions of housing and home are expressed, transformed, and monetized through digital technologies. As a cultural economic geographer with mixed methods training, I explore and teach these topics with a wide range of mixed methods, including digital mapping and archival techniques drawn from my training as a geospatial library professional and humanities educator.

ACADEMIC EMPLOYMENT

2025 –	Associate 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 & Department of Classics, Tufts University
2021 – 2025	Assistant Curator of Digital & Participatory Geography Norman B. Leventhal Map & Education Center, Boston Public Library

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, **Ian Spangler** 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

Spangler, Ian 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.

Spangler, Ian. 2023. "Lexington, Kentucky: Context." Mapping Inequality.

cartography

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

Spangler, Ian. 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* 66.1: 23-36.

literary journals

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

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

book reviews

Spangler, Ian. 2023. <u>Review of *Data Power*</u>, by Jim Thatcher and Craig Dalton. *Antipode Book Review Symposium*.

Spangler, Ian. 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.

Spangler, Ian. 2019. <u>Review of *Welcome to Fairyland: Queer Miami before 1940*</u>, by Julio Capó Jr. *Antipode Book Review Symposium*.

Spangler, Ian. 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

Bosse, Amber, Carrie Chenault, Pilar Delphino Marimon, Frank Donnelly, Lyndon Estes, Drew Heiderscheidt, Jane Henderson, Leah Montage, Araby Smyth, and Ian Spangler. 2024. "Beyond Esri Resource Guide." Antipode Online 2024.

Spangler, Ian. 2024. "Scaling Up Atlascope." Calafia 2024:1.

under consideration

Spangler, Ian, Emory Shaw, Scott Markley, and Dillon Mahmoudi. "We can't count our way out: Rethinking data activism amidst digital authoritarianism." Under consideration at *Dialogues & Digital Society*.

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*.

INVITED PRESENTATIONS, APPEARANCES, AND LECTURES

invited talks

2025	"Multiply listed, cooperatively controlled." University of Tennessee-Knoxville,
	Department of Geography. 9 October 2025.

2025 "De- and re-platforming the multiple listing service." *Harvard Kennedy School Data + Donuts Series*. 2 May.

2025 "Processing Place: A Curatorial Reflection." 2025 Maps & America Lecture at the American Geographical Society Library. Co-presented with Emily Bowe. 24 2025 "Processing Place." U.S. National Section Annual Meeting of the Pan American *Institute of Geography and History.* 9 April. "A look behind 'Processing Place: How Computers and Cartographers Redrew 2025 our World." Washington Map Society. Co-presented with Emily Bowe. 16 January. 2024 "Curatorial introduction to 'Processing Place: How Computers and Cartographers Redrew our World." Leventhal Map & Education Center. Copresented 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.

media appearances

2019

2023	Interviewed by Scott Morgan. "Online portals and Al background checks: How
	tech affects South Carolina renters." South Carolina Public Radio.
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.
2015	Interviewed by Emily Hollingsworth, with Stephen Hanna, Meredith Stone,
	and Xavier Griffin. "UMW Team Examines Slavery Narratives." UMW Eagle Eye.
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.

"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.

AWARDS AND 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; cograntee 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, 2 nd place (\$150)
2018	AAG HGSG Ralph Brown Paper Award (\$150)
2017	AAG HGSG Ralph Brown Paper Award (\$150)
2016	UMW Writing Contest Winner (\$100)

PRESENTATIONS

paper presentations

2025	"In the long shadows of aerial photography." 7 th Global Conference in Economic Geography. Worcester, MA.
2025	"De- and re-platforming the multiple listing service." <i>American Association of Geographers</i> . Detroit, MI.
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	"Aesthetics, cartography, and property in the 'NAREB' map." <i>The Oxford Seminars in Cartography: Emerging Scholars Forum (Artful maps: exploring the visual culture of cartography).</i> Virtual attendance.
2023	"Multiply listed, cooperatively controlled: Real estate data, market power, and the multiple listing service." <i>American Association of Geographers</i> . Denver, CO.
2022	"Disrupting disruption with abolitionist proptech." <i>American Association of Geographers</i> . Presented with Eric Huntley. Virtual attendance.
2022	"A crisis of data? Value creation through transparency practices in data broker platforms." <i>American Association of Geographers</i> . New York City, NY. Presented with Matthew Zook.
2021	"Data brokers in the platform economy: analyzing transparency as infrastructure in financialized debt markets." <i>Digital Geographies Conference: Critical perspectives on the platform economy.</i> Presented by Matthew Zook. Virtual attendance.
2021	"Dislocating frictions: race, financialization, and platform real estate technologies in the US." <i>Institute of Australian Geographers & New Zealand Geographical Society Combined Conference</i> . 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." <i>American Association of Geographers</i> . Virtual attendance.
2020	"Sweat Matters: On the politics of perspiration." 10 th 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." <i>American Association of Geographers</i> . 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." <i>American Association of Geographers</i> . New Orleans, Louisiana.
2018	"Google, Airbnb, and Reproducing The 73." 12 th 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." <i>American Association of Geographers</i> . 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." <i>23rd Annual Critical Geography Mini-Conference</i> . Lexington, Kentucky.
2016	"Listening to Compton's Hip-Hop Landscape." <i>University of Mary Washington Geography</i> 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." <i>University of Mary Washington Kemp Symposium</i> . Fredericksburg, Virginia.
2015	"Reading the Plantation Landscape in the James River Region." <i>University of Mary Washington Geography Symposium</i> . Fredericksburg, Virginia.
2015	"Reading the Plantation Landscape in the James River Region." <i>Virginia Social Science Association</i> . Norfolk, Virginia. Presented with Meredith Stone and

panel member

Xavier Griffin.

	Histories of Geographic Information Systems." <i>American raphers</i> . Detroit, MI.
•	m Politics." <i>Society for Economic Anthropology 44th Annual</i> the Data Economy. Medford, MA.
2022 Panelist of "From A Users Group. Virtua	tlases to APIs: A discussion of GIS over time." <i>Northeast Arc</i> l participation.
	ower by Jim Thatcher and Craig Dalton: Author Meets sociation of Geographers. 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.

other conference presentations

2025 "Allmaps at the Leventhal Center." *North American Cartographic Information Society Annual Meeting.* Louisville, KY.

2025	"How to play with maps." <i>If/Then Open Mic</i> . Presented with Emily Bowe. Virtual attendance.
2024	"Possibilities and anxieties in IIIF-powered georeferencing of map collections." <i>International Image Interoperability Framework (IIIF) Annual Conference</i> . Los Angeles, California.
2023	"All the maps, all the time." <i>Big Ten Academic Alliance GIS Conference</i> . Presented with Stephen Appel. Virtual attendance.
2023	"Scaling up Atlascope." North American Cartographic Information Society Annual Meeting. Pittsburgh, PA.
2022	"Digital collections from not so map-liiike to very map-liiike." <i>IIIF Annual Conference and Showcase</i> . Boston, MA. Presented with Garrett Dash Nelson and Emily Bowe.

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), <i>University of Kentucky</i>
2019	"US Cities" (GEO220), <i>University of Kentucky</i>
2019	"US Cities" (GEO220), <i>University of Kentucky</i>

teaching assistantships

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

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

disciplinary

2025 - 2026	Professional Director of the Cartography & Mapping Specialty Group
	(CMSG), American Association of Geographers
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

conference session organization

2025	"Traversing the spacetimes of critical financial geography." <i>American</i> Association of Geographers. Co-organized with Julian Hartman and Ding Fei.
2025	"Minor Histories of Geographic Information Systems." <i>American Association of Geographers</i> . 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." <i>American Association of Geographers</i> . Co-organized with Scott Markley. Denver, CO.
2022	"Working In, With, and Through the digital." <i>American Association of Geographers</i> . Co-organized with Jessi Breen. Virtual.
2022	"Abolitionist proptech." <i>American Association of Geographers</i> . Co-organized with Eric Robsky Huntley. Virtual.
2017	"Digital Geographies and Critical Mapping." <i>Southeastern Division of the American Association of Geographers</i> . Co-organized with Taylor Shelton. Starkville, MS.

editorial positions

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

departmental

2019 – 2020	Organizer: GGSU Distinguished Speaker, <i>UK Geography Graduate</i> Student Union
2019 – 2020	Mentor: GGSU Mentorship Program, <i>UK Geography Graduate Student Union</i>
2019 - 2020	GGSU Facilitator, UK Geography Graduate Student Union
2019 – 2020	Geography in the Bluegrass Day Committee Representative, <i>UK Geography Graduate Student Union</i>
2018 – 2019	Organizer: Critical Pedagogy Working Group, <i>UK Department of Geography</i>

2018 – 2019	Inclusivity Committee Representative, <i>UK Geography Graduate</i> Student Union
2018 – 2019	Internal Affairs Committee Representative, <i>UK Graduate Student Congress</i>
2018 – 2019	Graduate Student Congress Representative, <i>UK Geography Graduate</i> Student Union
2018 – 2019	Semple Day Committee Representative, <i>UK Geography Graduate</i> Student Union
2018 – 2019	Colloquium Committee Representative, <i>UK Geography Graduate</i> Student Union
2018 – 2019	Mentor: GGSU Mentorship Program, <i>UK Geography Graduate Student Union</i>
2017 – 2018	TA Liaison, UK Geography Graduate Student Union
2017 – 2018	Semple Day Committee Representative, <i>UK Geography Graduate</i> Student Union
2016 – 2017	Semple Day Committee Representative, <i>UK Geography Graduate</i> Student Union
2016 – 2017	Geotechnologies Committee Representative, <i>UK Geography Graduate Student Union</i>
2016 – 2017	External Affairs Committee Representative, <i>UK Geography Graduate</i> Student Union

conference & symposium organization

2025	"Greater Boston Digital Research and Pedagogy Symposium," <i>Boston Digital Humanities</i> . 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

2025	"How to make a map mosaic," Greater Boston Digital Research and
	Pedagogy Symposium. Medford, MA.
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.
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invitational workshops

2025	Stanford Libraries and the David Rumsey Map Center <i>colocate</i> ² . Palo Alto, CA.
2024	Library of Congress Labs Data Workshop. Virtual attendance.
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 (Pl: 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

https://itspangler.com/maps/

SOFTWARE

mapping & gis

- · Desktop (ArcGIS Pro, QGIS)
- \cdot Command line GIS & data wrangling (GDAL, Shapely, pandas/GeoPandas, Beautiful Soup)
- · JavaScript and CSS libraries for mapping & web design (e.g., Leaflet, OpenLayers, D3)
- \cdot Front-end development frameworks for static site generation and single page applications (Hugo, Vue, Svelte)

- · Cloud platforms (ArcGIS Online, Jupyter and Observable notebooks) · APIs and frameworks for geospatial librarianship (IIIF protocol, GeoBlacklight)

language proficiencies

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

data exchange & database systems

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