

Shiloh Deitz

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<https://www.shilohdeitz.com/about>

ACADEMIC POSITIONS

- 2024- Assistant Professor. Department of Sociology and Anthropology, Saint Louis University.
- 2024 Instructor. Department of Geography, University of Oregon.
- 2022-2024 Postdoctoral Associate. Edward J. Bloustein School of Planning and Public Policy, Rutgers University.

EDUCATION

- 2017-2021 PhD Geography. University of Oregon.
Areas of Concentration: spatial data science, GeoAI, accessibility, data ethics, spatial justice
Lab Affiliations: Spatial Cognition, Computation and Complexity (S3C) Lab
Committee: Amy Lobben (advisor), Colin Koopman, Henry Luan, Stephen Fickas
Dissertation: *Disabling Environments: Interpolating Missing Environmental Features for Accessibility*.
- 2014-2016 MS Geography, Southern Illinois University
Areas of Concentration: health geography, public policy, GIS, cartography
- 2012-2014 MA Sociology, Southern Illinois University
Areas of Concentration: ethnography, gender, disaster, religion, immigration
- 2006-2009 BA Peace Studies, Whitworth University

AWARDS

- 2020 Department of Geography. Rippey Dissertation Writing Grant. \$4,000.
- 2019 M. Gregg Smith Fellowship. College of Arts and Sciences, University of Oregon. \$5,000
Bill Loy Award for Cartographic Design. Department of Geography, University of Oregon. \$500
- 2017 First Year Fellowship. University of Oregon. \$42,217
- 2016 David Arey Memorial Award for Creativity in Research. Department of Geography, Southern Illinois University Carbondale. \$500
- 2015 Ben Dziegielewski Graduate Award. Department of Geography, Southern Illinois University Carbondale. \$1000
- 2013 Master's Graduate Fellowship. Department of Sociology, Southern Illinois University Carbondale. \$25,000
- 2006-2009 Presidential Scholarship. Whitworth University. \$17,500/annually

FUNDED RESEARCH

External

- 2024-2028 SSHRC Insight Grant. Computational Urban Accessibility: Understanding, Mapping, and Scoring Barriers in the Built Environment. *Collaborator*. \$277,846.

- 2020 Institute of Museum and Library Services. Civic Switchboard. *Field Project Lead*. \$20,000
National Institute of Transportation and Communities. *Dissertation Fellow*. \$16,000

Internal: Saint Louis University

- 2025 Stolle Fund
- March, *Individual*. \$1,000
- October, *Collaborative*. \$1,000

PUBLICATIONS

Refereed Journal Articles

- 2025 **Deitz, Shiloh**. “A Humble Proposal for GeoAI: epistemology, methodology, and relevance in curb ramp classification.” *Canadian Geographies / Géographies canadiennes*.
Fast, Victoria, and **Shiloh Deitz**. “GIScience II: Disability GIS.” *Progress in Human Geography*.
- 2024 **Deitz, Shiloh**, Will Payne, Eric Seymour, Kathe Newman, and Lauren Nolan. “Local Landscapes of Assisted Housing: Reconciling Layered and Imprecise Administrative Data for Research Purposes.” *Cityscape*.
- 2023 **Deitz, Shiloh**. “Outlier Bias: AI Classification of Curb Ramps, Outliers, and Context.” *Big Data & Society*. <https://doi.org/10.1177/20539517231203669>
- 2021 **Deitz, Shiloh**, Amy Lobben, and Arielle Alfarez. “Squeaky wheels: missing data, disability, and power in the smart city.” *Big Data & Society*.
<https://doi.org/10.1177/205395172111047735>
- 2019 **Deitz, Shiloh**, and Katie Meehan. “Plumbing poverty: mapping hot spots of racial and geographic inequality in U.S. household water insecurity.” *Annals of the American Association of Geographers*. <https://doi.org/10.1080/24694452.2018.1530587>
- 2015 **Deitz, Shiloh**, and Kristen Barber. “Geographies of Inequality: Urban Renewal and the Race, Gender, and Class of Post-Katrina New Orleans.” *Race, Gender & Class* (January): New Orleans for Whom and What?

Refereed Book Chapters

- 2015 Barber, Kristen, and **Shiloh Deitz**. “Missing in the Storm: The Gender Gap in Hurricane Katrina Research and Disaster Management Efforts.” In *Rethinking Disaster Recovery: A Hurricane Katrina Retrospective*, edited by Jeannie Haubert. Lanham, MD: Lexington Books.

Professional Reports

- 2024 Seymour, Eric, Payne, Will, Newman, Kathe, **Deitz, Shiloh** and Nolan, Lauren. *The State of Rent Control in New Jersey: RWV Centre annual report 2023–24*. Ralph W. Voorhees Centre for Civic Engagement, Rutgers University. <https://rwv.rutgers.edu/wp-content/uploads/2024/06/RWV-Center-Annual-Report-6.13.24-RFS.pdf>

- 2019 Jackson, John, Leonard, Charles, & **Deitz, Shiloh**. *The climate of opinion in Illinois 2008–2018: Gridlock broken?* Carbondale, IL: Paul Simon Public Policy Institute, Southern Illinois University. (*The Simon Review*, No. 56). https://opensiuc.lib.siu.edu/ppi_papers/56/
- 2016 Jackson, John, Charles Leonard, and **Shiloh Deitz**. *The climate of opinion in Illinois 2008–2016: Roots of gridlock*. Carbondale, IL: Paul Simon Public Policy Institute, Southern Illinois University. (*The Simon Review*, No. 47). https://opensiuc.lib.siu.edu/ppi_papers/47/
- Deitz, Shiloh**. *Healthy communities in Southern Illinois*. Carbondale, IL: Paul Simon Public Policy Institute, Southern Illinois University. (*The Simon Review*, No. 45). https://opensiuc.lib.siu.edu/ppi_papers/45/
- 2015 **Deitz, Shiloh**. *Disaster and gender in Southern Illinois*. Carbondale, IL: Paul Simon Public Policy Institute, Southern Illinois University. (*The Simon Review*, No. 41). https://opensiuc.lib.siu.edu/ppi_papers/412015/

Open Data

- 2025 Fast, Victoria, **Deitz, Shiloh**, and Harrison, Drew. *Disability GIS Zotero library* (Version 1) [Data set]. Borealis. <https://doi.org/10.5683/SP3/BCVSMML>
- 2019 **Deitz, Shiloh**. *Simon Poll 2018–2019* [Codebook]. Open SIU; Odum Institute; Open ICPSR.
- 2014 **Deitz, Shiloh**. *Alumni community survey* [Data set and documentation]. Paul Simon Public Policy Institute.
- Deitz, Shiloh**, & Dolezal, Kent. *Simon Poll 2008–2018* [Codebook]. Open SIU; Odum Institute; Open ICPSR.
- Deitz, Shiloh**, & Dolezal, Kent. (2014, September). *The Southern Illinois Poll 2010–2013* [Codebook]. Open SIU; Odum Institute; Open ICPSR.

Dissertations

- 2021 **Deitz, Shiloh**. *Free movement: Enhancing open data to facilitate independent travel for persons with disabilities* [Doctoral Dissertation, University of Oregon]. <https://scholarsbank.uoregon.edu/items/11abd6c6-d32a-4390-ab4c-a22ea2812e5b>
- 2015 **Deitz, Shiloh**. *Religiosity and attitudes toward immigrants and immigration* [Master's thesis, Southern Illinois University, Carbondale]. https://opensiuc.lib.siu.edu/g_s_rp/514/

PRESENTATIONS

Invited Talks

- 2026 Speaker. *Missing Ramps, Missing Data: What AI can and can't tell us about getting around*. Geosaurus Unleashed, March. T-Rex Innovation Center, Saint Louis, Missouri
- 2025 Speaker. *What were you thinking? Replicability and relevance in AI research*. Technology and Society: An Interdisciplinary Conference on AI and Finance. Washington University, Saint Louis, Missouri.

- 2023 Lecture. *Our house...in the middle of the street?: The potential and the shortfalls of using data for affordable housing policy*. Chertok Lecture Series, Eastern Washington University, Cheney, Washington.
- 2021 Panel. *Data Science for Social Good in the Smart City*. People for Effective Government, Spokane, Washington.
- 2015 Speaker. *Women, children, and health*." Mississippi Delta Grassroots Caucus, Little Rock, Arkansas.
- 2014 Speaker. "The effects of natural disasters on women's health." Illinois Department of Public Health, Springfield, Illinois.

Conference Talks

- 2025 *What were you thinking? Replicability and relevance in AI research*. Canadian Association of Geographers Annual Meeting, Ottawa, Ontario.
- Cycles of investment/disinvestment and their impact on neighborhoods*. Urban Affairs Association Annual Meeting, Vancouver, British Columbia.
- Landscape of federally assisted housing in Saint Louis*. Mapping Spaces Conference, Saint Louis, Missouri.
- Beyond the numbers: Examining administrative histories and inaccuracies in U.S. federally assisted housing data*. American Association of Geographers Annual Meeting, Detroit, Michigan.
- 2024 *Federally assisted housing futures: Layering, conversion, and beyond*. Urban Affairs Association Annual Meeting, New York, New York.
- 2023 *Crippling the smart city*. Digital Geographies Movements and Methods Workshop, Calgary, Alberta.
- Our house...in the middle of the street?* Urban Affairs Association Annual Meeting, Nashville, Tennessee.
- Using administrative data to better understand the state of affordable rental housing*. Panel. American Association of Geographers Annual Meeting, Denver, Colorado.
- Outlier bias*. American Association of Geographers Annual Meeting, Denver, Colorado.
- 2019 *Disabling environments: The contexts and consequences of missing environmental datasets on persons with disabilities*. Critical Geographies Mini-Conference, University of Oregon.
- Measuring geographic variability in household level inequality: A case study in household plumbing completeness*. American Association of Geographers Annual Meeting, Washington, D.C.
- 2018 *Plumbing poverty: Mapping hot spots of racial and geographic inequality in U.S. household water insecurity*. Association of Pacific Coast Geographers Annual Meeting, Reno, Nevada.
- 2014 *Immigrant owned nail salons in rural America*. Annual Meeting of the Pacific Sociological Association, Portland, Oregon.
- 2009 *The Curitiba model: Sustainable solutions for the developing world*. Undergraduate Honor's Thesis, presented at Spokane Intercollegiate Research Conference, Spokane, Washington.

EVENT ORGANIZATION

Conference, Event, and Workshop Organization

- 2024 Conference Hub. Spatial Data Science Symposium. Saint Louis University.
2019 Mini-Conference. Critical Geographies. University of Oregon.

Special Sessions Organization

- 2024 Paper session. Housing insecurity and the processes shaping it. Urban Affairs Association Annual Meeting, New York, New York.
2023 Paper session. Using administrative data to better understand the state of affordable rental housing. Urban Affairs Association Annual Meeting, Nashville, Tennessee.

WORK EXPERIENCE

- 2020-2022 Community Data Coordinator. Spokane Public Library, Spokane, Washington
2018-2019 Graduate Research Assistant. University of Oregon, Eugene, Oregon (Amy Lobben, accessible mapping)
2016-2018 Water Resources Analyst. CDM Smith, Carbondale, Illinois
2014-2020 Paul Simon Public Policy Institute, Carbondale, Illinois
 Visiting Scholar (2016-2020)
 Coordinator and Researcher (2015-2016)
 Celia Howard Fellow (2014-2015)
2012-2013 Graduate Research Assistant. Southern Illinois University, Carbondale, Illinois (Kristen Barber, local masculinity in salons)

TEACHING

Course Instructor: Saint Louis University, Department of Sociology and Anthropology

- (#) = enrollment
Fall 2025 SOC 2010: Statistics and the Social World (23)
 SOC 2980: Independent Study in Cartography (2)
Spring 2025 SOC 1110: Introduction to Sociology, Diversity Emphasis (42)
 SOC 2010: Statistics and the Social World (25)
Fall 2024 SOC 4015/5015: Quantitative Research Methods (5)

Course Instructor: University of Oregon, Department of Geography

- Spring 2024 GEOG 281: The World and Big Data (51)
Winter 2024 GEOG 481/581: GIScience I (67)

Graduate Teaching Assistant: University of Oregon

2019-2020 GEOG 481/581: GIScience I; Carolyn Fish

Graduate Teaching Assistant: Southern Illinois University Carbondale

2013-2014 SOC108: Introduction to Sociology; Jean-Pierre Reed
SOC514: Qualitative Methodology; Kristen Barber

Other

2010-2011 Grade Six Classroom Teacher, British International School, Phnom Penh, Cambodia
2010 English as a Second Language Instructor, Phnom Penh, Cambodia

SUPERVISION

Undergraduate Supervision

2025 Peyton Vasquez. BA, Capstone Supervisor.
-Methods as Message: Assessing How Transit Access Is Defined for Low SES Groups

SERVICE

Service to the Department

2024- **Member.** Speaker Series Committee. Department of Sociology and Anthropology, Saint Louis University.
2024- **Member.** Geospatial Analysis and Visualization Revision and Recruitment Committee. Department of Sociology and Anthropology, Saint Louis University.
2017-2018 **Student Representative for Data Science for Social Equity Cluster Hire.** Department of Geographer, University of Oregon.

Service to the Academy

2025- **Board Member.** Digital Geographies Specialty Group, American Association of Geographers.
2025- **Board Member.** Disability Specialty Group, American Association of Geographers.
2025- **Student Board Member.** Digital Geographies Specialty Group, American Association of Geographers.

PEER REVIEW

Manuscripts, Book Proposals & Book Chapters

2025 Nature Water
International Journal of Communication
Population and Environment

2024 BMC Public Health
2024 Digital Geography and Society

MEMBERSHIPS

2025- Canadian Association of Geographers
American Sociological Association
2024- North American Cartographic Information Society
2022- Urban Affairs Association
2018- American Association of Geographers