

Shiloh L. Deitz

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EDUCATION

University of Oregon • Eugene, OR

Ph.D. in Geography

2021

Areas of Concentration: spatial data science, GIS, 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.*

Southern Illinois University • Carbondale, IL

M.S. in Geography

2015

Areas of Concentration: health geography, public policy, GIS, cartography

Committee: Leslie Duram (advisor), Guangxing Wang, Charles Leonard, John Jackson

Thesis: *A Spatial Analysis of the Relationship Between Obesity and the Built Environment in Southern Illinois*

M.A. in Sociology

2014

Areas of Concentration: ethnography, gender, disaster, religion, immigration

Committee: Rachel B. Whaley (advisor), Darren Sherkat

Thesis: *Religiosity and Attitudes Toward Immigrants and Immigration*

Whitworth University • Spokane, WA

B.A. in Peace Studies (*Cum Laude*)

2009

Areas of Concentration: international relations, Latin America

Thesis: *The Curitiba Model: Sustainable Solutions for the Developing World*

FUNDING

Research Grants

Insight Grant, Social Sciences and Humanities Research Council (collaborator)

In review

Civic Switchboard Field Project Award, Spokane Public Library (\$20,000)

2020

Dissertation Fellowship, National Institute of Transportation and Communities (\$16,000)

2020

Rippey Dissertation Writing Grant, Dept of Geography, University of Oregon (\$4,000)

2020

Honors and Awards

M. Gregg Smith Fellowship, College of Arts and Sciences, University of Oregon (\$5,000)

2019

Bill Loy Award for Cartographic Design, Dept of Geography, University of Oregon (\$500)

2019

First Year Fellowship , University of Oregon (\$42,217)	2017
David Arey Memorial Award for Creativity in Research , Department of Geography, Southern Illinois University (\$500)	2016
Ben Dziegielewski Graduate Award , Department of Geography, Southern Illinois University (\$1000)	2015
Master's Graduate Fellowship , Department of Sociology, Southern Illinois University (\$25,000)	2013
Presidential Scholarship , Whitworth University (\$17,500 annually)	2006 - 2009

EXPERIENCE

Research

Edward J. Bloustein School of Planning and Public Policy • Rutgers University, New Brunswick, NJ	July 2022 -
Postdoctoral Associate	
Project: New Jersey State of Affordable Rental Housing	
Funder: Robert Wood Johnson Foundation	
Team: Kathe Newman, Eric Seymour, Will Payne, Lauren Nolan	
Department of Geography • University of Oregon, Eugene, OR	2018 - 2019
Graduate Research Assistant	
Project: Accessible Mapping	
Team: Amy Lobben, Arielle Alfarez	
Paul Simon Public Policy Institute • Southern Illinois University, Carbondale, IL	
Visiting Scholar	2016 – 2020
Project: Development and curation of the Simon Poll	
Team: John Jackson, Charlie Leonard	
Coordinator and Researcher	2015 – 2016
Project: public opinion poll development and community education	
Team: John Jackson, Charlie Leonard	
Celia Howard Research Fellow	2014 - 2015
Project: gender and disaster preparation and resilience	
Department of Sociology • Southern Illinois University, Carbondale, IL	
Graduate Research Assistant	2012 - 2013
Project: Study gender and work ethnographically through the case of male beauticians in Carbondale, IL	
Team: Kristen Barber	

Teaching

Department of Geography • University of Oregon, Eugene, OR

Graduate Teaching Assistant

2019 - 2020

Led GIS labs for Dr. Carolyn Fish and re-developed the lab curriculum for the transition to ArcGIS online.

Department of Sociology • Southern Illinois University, Carbondale, IL

Graduate Teaching Assistant

2013 - 2014

Assistant to large introduction to sociology course and qualitative methods in Sociology.

British International School of Phnom Penh • Phnom Penh, Cambodia

Grade Six Classroom Teacher

2010 - 2011

Taught all subjects to a diversity of students and led a poetry club for students in all grades.

Various • Phnom Penh, Cambodia

English as a Second Language Instructor

2010

Taught English language to university level students.

Professional

Spokane Public Library • Spokane, WA

Community Data Coordinator

2020 - 2022

Curated open data, developed data governance and curation policy for the City of Spokane, and developed community education programming hosted by the library.

CDM Smith • Carbondale, IL

Water Resources Technician

2016 - 2018

Supported water demand modelling research for municipalities across the United States.

PUBLICATIONS

Peer-Reviewed Journal Articles

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*.

In review

Deitz, Shiloh. “Outlier Bias: AI Classification of Curb Ramps, Outliers, and Context.” *Big Data & Society*. DOI: 10.1177/20539517231203669/ ID: BDS-23-0123.R2

2023

Deitz, Shiloh, Amy Lobben, and Arielle Alfarez. “Squeaky wheels: missing data, disability, and power in the smart city.” *Big Data & Society*. 2021.

2021

<https://doi.org/10.1177%2F20539517211047735>

- Deitz, Shiloh**, and Katie Meehan. 2019. "Plumbing poverty: mapping hot spots of racial and geographic inequality in U.S. household water insecurity." *Annals of the American Association of Geographers*. DOI: [10.1080/24694452.2018.1530587](https://doi.org/10.1080/24694452.2018.1530587) 2019
- Deitz, Shiloh**, and Kristen Barber. 2015. "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? 2015

Chapters in Edited Volumes

- Barber, Kristen, and **Shiloh Deitz**. 2015. "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. 2015

Policy Reports and White Papers

- Seymour, Eric, Will Payne, Kathe Newman, **Shiloh Deitz**, and Lauren Nolan. "The State of Rent Control in New Jersey." 2023
- Jackson, John, Charles Leonard, and **Shiloh Deitz**. "The Climate of Opinion in Illinois 2008-2018: Gridlock Broken?" *The Simon Review*. Carbondale, IL: Paul Simon Public Policy Institute. 2019
- Jackson, John, Charles Leonard, and **Shiloh Deitz**. "The Climate of Opinion in Illinois 2008-2016: Roots of Gridlock." *The Simon Review*. Carbondale, IL: Paul Simon Public Policy Institute. 2016
- Deitz, Shiloh**. "Healthy Communities in Southern Illinois." *The Simon Review*. Carbondale, IL: Paul Simon Public Policy Institute. 2016
- Deitz, Shiloh**. "Envisioning Carbondale's Creative Community: Current Challenges and Opportunities." *Paul Simon Public Policy Institute*, November. 2015
- Deitz, Shiloh**. "Internet Access in Southern Illinois: Results from the Jackson/Williamson County Survey." *Paul Simon Public Policy Institute*, July. 2015
- Deitz, Shiloh**. "Gender Sensitive Disaster Policy in Southern Illinois." *The Simon Review*. Carbondale, IL: Paul Simon Public Policy Institute. 2015
- Deitz, Shiloh**. "Religiosity and Attitudes toward Immigrants and Immigration." *SIU Online Research Papers*, January 1. 2014

Public Opinion Polls and Documentation

- Deitz, Shiloh**. "Simon Poll 2018-2019." *Open SIU; Odum Institute, Open ICPSR* [Codebook], September. 2019
- Deitz, Shiloh**. "Alumni Community Survey." *Paul Simon Public Policy Institute*, November. 2014
- Deitz, Shiloh**, and Kent Dolezal. "Simon Poll 2008-2018." *Open SIU; Odum Institute, Open ICPSR* [Codebook], September. 2014

Deitz, Shiloh, and Kent Dolezal. "The Southern Illinois Poll 2010-2013." *Open SIU; Odum Institute, Open ICPSR* [Codebook], September. **2014**

PRESENTATIONS

Invited Presentations

"Our House...In the Middle of the Street?: the potential and the shortfalls of using data for affordable housing policy." Invited Lecture. Chertok Lecture Series, Eastern Washington University, Cheney, Washington. **2023**

"Women, Children, and Health." Mississippi Delta Grassroots Caucus, Little Rock, Arkansas. **2015**

"The Effects of Natural Disasters on Women's Health." Illinois Department of Public Health, Springfield, Illinois. **2014**

Conference Presentations

"Crippling the Smart City." Digital Geographies Movements and Methods Workshop, Calgary, Alberta. **2023**

"Our House...In the Middle of the Street?" Urban Affairs Association Annual Meeting, Nashville, Tennessee. **2023**

"Using Administrative Data to Better Understand the State of Affordable Rental Housing." Panel. American Association of Geographers Annual Meeting, Denver, Colorado. **2023**

"Outlier Bias." American Association of Geographers Annual Meeting, Denver, Colorado. **2023**

"Disabling Environments: The Contexts and Consequences of Missing Environmental Datasets on Persons with Disabilities." Critical Geographies Mini-Conference, University of Oregon. **2019**

"Measuring Geographic Variability in Household Level Inequality: A Case Study in Household Plumbing Completeness." American Association of Geographers Annual Meeting, Washington, D.C. **2019**

"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. **2018**

"Plumbing Poverty: Hot Spots of Geographic Inequality in U.S. Household Water Insecurity." American Association of Geographers Annual Meeting, New Orleans, Louisiana. **2018**

"Immigrant Owned Nail Salons in Rural America." Annual Meeting of the Pacific Sociological Association, Portland, Oregon. **2014**

"The Curitiba Model: Sustainable Solutions for the Developing World." Undergraduate Honor's Thesis, presented at Spokane Intercollegiate Research Conference, Spokane, Washington. **2009**

SERVICE ACTIVITIES

Council Member , Equity, Diversity and Inclusion Committee, Spokane Public Library	2020 – 2021
Student Board Member , Digital Geographies Specialty Group, American Association of Geographers	2019 – 2021
Student Representative for Data Science for Social Equity Cluster Hire , Department of Geography, University of Oregon	2017 – 2018

PROFESSIONAL ASSOCIATIONS

Urban Affairs Association	2022 -
Royal Geographic Society	2021 -
American Association of Geographers (AAG)	2018 -