

Jamaal William Green

PhD Candidate

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Education

Doctoral Candidate, Urban Studies. (In progress) 2011-. Portland State University, Portland, OR (PSU) Chair: Greg Schrock, PhD. Committee: Lisa Bates, PhD; Megan Horst, PhD; Amy Lubitow, PhD. "Manufacturing in Place- The Role of Industrial Preservation in Manufacturing Employment".

Publications

Goodling, Erin, *Jamaal Green*, and Nathan McClintock. 2015. "Uneven Development of the Sustainable City: Shifting Captial in Portland, Oregon". **Urban Geography**. 36(4): 504-527. DOI: 10.1080/02723638.2015.1010791

Technical and Research Experience

Programming Languages

R: Intermediate to expert user. I use R as part of my everyday work for data collection, cleaning, visualization, modeling and writing. Some specific packages of note I are the tidyverse suite of packages, sf, simple features, package for spatial analysis, the survey package for complex survey analysis and tidycensus for ACS data collection

Open Source

I currently maintain an R package, [lehdr](#), that queries the LODES (an origin-destination dataset) dataset from the LEHD (Longitudinal Employee Household Dynamics) project in census.

Research Projects

Understanding Economic and Business Impacts of Street Improvements for Bicycle and Pedestrian Mobility.

Responsible for gathering and cleaning both public and proprietary from our city partners. I set up a fully version controlled workflow for my research team, centralized data into one large spatial database, and standardized reports through writing functions for plots and creating markdown templates in Word. Finally, I ran difference-in-difference and interrupted time series models for policy evaluation.