

Timothy A. Thomas, Ph.D.

Postdoctoral Fellow

August 11, 2019

Department of Sociology
eScience Institute
University of Washington

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EDUCATION

2017 **University of Washington**
Ph.D., Sociology
Dissertation: “Forced Out: Race, Market, & Neighborhood Dynamics of Evictions”
Committee: Kyle Crowder (Chair), Stewart Tolnay, Nathalie Williams, & Thaisa Way (GSR)
Exam Topics: Residential Segregation, Neighborhood Mobility, Gentrification, Neighborhood Crime, Social Disorganization, & Spatial Methods
Minor: Demographic methods & spatial statistics

2013 **University of Washington**
M.A., Sociology
Thesis: “Revisiting Crime Hot-Spot Interventions: Displacement, Longevity, and Neighborhood Impacts.”

2009 **University of Washington**
B.A., Sociology
Honor’s Thesis: “Seattle’s Martin Luther King, Jr. Way: A 40 Year Reflection on a Dream.”

APPOINTMENTS

2017 - present **University of Washington**
Moore-Sloan & Washington Research Data Science Postdoctoral Fellow,
Sociology & The eScience Institute

RESEARCH & TEACHING INTERESTS

Urban Sociology, Race & Ethnicity, Neighborhood Change, Residential Segregation, Housing & Poverty, Residential Mobility, Social Organization, Data Science, Statistics, & Spatial Demography

PEER-REVIEWED PUBLICATIONS

- Lanfear, Charles C., Lindsey R. Beach, and **Timothy A. Thomas**. 2018. "Formal Social Control in Changing Neighborhoods: Racial Implications of Neighborhood Context on Reactive Policing." *City & Community*, 17:4. doi: 10.1111/cico.12346.
- Williams, Nathalie E., **Timothy A. Thomas**, Matthew Dunbar, Nathan Eagle, and Adrian Dobra. 2015. "Measures of Human Mobility Using Mobile Phone Records Enhanced with GIS Data." *PLoS ONE*, 33. doi:10.1371/journal.pone.0133630

UNDER REVIEW

- Thomas, Timothy A. "Displaced by Race: Evictions, Segregation, & the Housing Market"
- Thomas, Timothy A. and Ryan Gabriel. "Segregation within Integration: Exploring Micro-Level Segregation in Seattle's Integrated Tracts Using Spatial & Qualitative Analysis."

MANUSCRIPTS IN PROGRESS

- Thomas, Timothy A. "Eviction Ecology: Neighborhood Change and Extra-Local Effects."
- Thomas, Timothy A., Ott Toomet, Ian Kennedy, and Alex Ramiller. "Eviction Patterns Amidst Regional Population Migration."
- Thomas, Timothy A. and Michael Babb. "Neighborhood Change & Displacement: Re-imagining the Concentric Zone Theory to Measure Migration from Gentrification."
- Thomas, Timothy A. and Michael Esposito. "Health & Racial Neighborhood Segregation: A Multi-City Comparison."
- Thomas, Timothy A. "Revisiting Crime Hot-Spot Interventions: Displacement, Longevity, & Neighborhood Impacts."

FELLOWSHIPS, GRANTS, & AWARDS

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| 2017-2020 | Moore/Sloan Data Science and Washington Research Foundation Innovation in Data Science Postdoctoral Fellowship. <i>University of Washington</i> (\$220,000) |
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| 2019 | Raikes Foundation Grant for Research on Youth and Young Adult Eviction and Homelessness. <i>Seattle, WA (\$5,000)</i> |
| 2018-2019 | Enterprise Community Partners Washington State Evictions Research Seed Grant. <i>Seattle, WA (\$4,000)</i> |
| 2015-2019 | Center for Studies in Demography and Ecology Travel Grant, <i>University of Washington (\$3,000)</i> . |
| 2016 | Center for Studies in Demography and Ecology Best Poster Award, "Neighborhood Change and Racial Dynamics of Complainants, Suspects, & Arrestees." <i>University of Washington</i> . (with Lindsey R. Beach and Charles Lanfear). |
| 2015 | West Coast Poverty Center Research Seed Grant, <i>University of Washington (\$10,000)</i> . |
| 2012-2015 | National Science Foundation Graduate Research Fellowship. <i>University of Washington (\$105,000 + tuition)</i> |
| 2011 | Advanced Spatial Analysis Workshop Grant, <i>Pennsylvania State University (\$600)</i> |
| 2009 | Mary Gates Research Scholarship, <i>University of Washington (\$3,000)</i> |
| 2009 | Graduated with Honors, Sociology, <i>University of Washington</i> |

PUBLIC SCHOLARSHIP

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| 2019 | Report. "The State of Evictions." A public report on eviction disparities that helped Senate Bill 5600 become law during the 2019 Washington State Legislative Session, Olympia, WA. (https://evictions.study) |
| 2018 | Report. "Neighborhood Demographics, Zoning, & Hate Crime Report." A report commissioned by Seattle Council Member Lisa Herbold that identified increases in racial and LGBTQ hate crimes in the city, Seattle, WA. (http://seattle.gov) |

INVITED PRESENTATIONS

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| 2019 | "Evictions & Gentrification." Plenary chaired by Matthew Desmond on the Causes and Consequences of Eviction, The 2019 Annual Meeting for the Association for Public Policy Analysis & Management, Denver, CO. |
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- 2019 "The State of Evictions During the Affordability Crisis." The 2019 Housing Washington Annual Conference, Spokane, WA.
- "Contemporary Consequences of Redlining and Residential Segregation." King County Council, Seattle, WA.
- "Neighborhood Demographics, Zoning, and Hate Crime Report." Seattle City Council, Seattle, WA.
- "The State of Evictions During the Affordability Crisis: Measuring Prevalence and Disparate Impact through Machine Learning on Court Records." University of Pennsylvania & University of Oxford Symposium on Affordable Housing in the Advanced Economies, Oxford, UK.
- "The State of Evictions in Washington." Seattle City Council, Seattle, WA.
- "Housing, Segregation & Mobility in Washington State: The Impact of Policies, Economics, & Evictions." Expert Testimony for the Washington State Senate Housing Stability & Affordability Committee, Olympia, WA.
- 2018 "Segregation & Mobility in Washington State: The Impact of Policies, Economics, & Evictions." Expert Testimony for the Washington State House of Representatives Community Development, Housing, & Tribal Affairs Committee, Olympia, WA.
- "Forced Evictions, Neighborhood Change, & Race: From Jim Crow to Gentrification." The City of Seattle's Office of Arts & Culture, Seattle, WA.
- "Eviction Ecology." Department of Sociology, University of Texas, Austin, TX.
- 2017 "Race, Place, & Evictions." School of Social Transformations, Arizona State University, Tempe, AZ.
- 2016 "Racial and Gender Estimations of Unlawful Detainers." Northwest Civil Rights Legal Conference, Portland, OR.
- "Are Diverse Neighborhoods Truly Integrated? Micro-segregation in Seattle." Open Seattle: Technology for Civic Engagement, Socrata, Seattle, WA.
- 2015 "Segregation within Integration: Exploring Micro-level Segregation in Seattle's Integrated Tracts." The Center for Studies in Demography and Ecology Seminar, University of Washington, Seattle, WA.
- 2014 "Segregation within Integration: Exploring Micro-level Segregation in Seattle's Integrated Tracts." Department of Sociology, Seattle Pacific University, Seattle, WA.

- 2014 "Hidden Segregation: Dis-Aggregating Tract-level Stratification Using Spatial and Qualitative Methods." Department of Sociology, University of Washington, Seattle, WA.
- "Measuring Mobility Using Cell Phone Call Data Records: Developing Big Data for Demographic Science." The Center for Studies in Demography and Ecology, University of Washington, Seattle WA.
- 2013 "Does Crime Move?: Quantifying Crime Displacement After a Hot-Spot Intervention." The Center for Studies in Demography and Ecology, University of Washington, Seattle, WA.
- 2012 "Does Crime Move? Quantifying Crime Movement After Hot-Spot Operations." Department of Sociology, University of Washington, Seattle, WA.
- 2010 "Mapping Inequality." Annual Urban Poverty Forum, Town Hall, Seattle WA.

CONFERENCE PRESENTATIONS

- 2019 "The State of Evictions During the Affordability Crisis: Measuring Prevalence and Disparate Impact through Machine Learning on Court Records." The American Sociological Association Community and Urban Sociology Section Pre-Conference, New York University Wagner School of Public Service, New York, NY. (presentation)
- 2018 "Eviction Ecology: Local and Extra-local Neighborhood Effects." American Sociological Association Annual Meeting, Philadelphia, PA. (presentation)
- "Neighborhood and Demographic Disparities in Evictions: Using Spatial Analysis and Bayes Estimation to Define a Previously Unknown Population in King County, WA." Population Association of America, Denver, CO. (presentation)
- "Health & Racial Neighborhood Segregation: A Multi-City Comparison." Population Association of America Annual Meeting, Denver, CO. (poster presentation with Michael Esposito)
- 2017 "Forced Out: Race, Market, and Neighborhood Dynamics in Evictions." American Sociological Association Annual Meeting, Montreal, QC. (presentation)
- 2016 "Neighborhood Change and Racial Dynamics of Complainants, Suspects, & Arrestees." American Sociological Association Annual Meeting, Seattle, WA. (presentation with Lindsey R. Beach and Charles Lanfear)

- 2016 "Segregation in Place: Aging, Age-Dependent Mobility, and Long-Term Racial Succession." Population Association of America Annual Meeting, Washington D.C. (presented by Michael Bader)
- "Neighborhood Change and Racial Dynamics of Complainants, Suspects, & Arrestees." Poster presentation at the Annual Meeting of the Population Association of America, Washington D.C. (poster with Lindsey R. Beach and Charles Lanfear)
- 2015 "Segregation within Integration: Exploring Micro-level Segregation in Seattle's Integrated Tracts." Population Association of America Annual Meeting, San Diego, CA. (presentation with Ryan Gabriel)
- 2014 "Measuring Mobility Using Cell Phone Call Data Records: Developing Big Data for Demographic Science." Population Association of America Annual Meeting, Boston, MA. (presentation with Nathalie Williams, Matt Dunbar, Nathan Eagle, & Adrian Dobra)
- "Spatial Methods for Quantifying Crime Displacement: Measuring Crime Movement After a Hot-Spot Policing Intervention." Population Association of America Annual Meeting, Boston, MA. (poster).
- 2013 "Spatially Defined Measures of Mobility." eScience Big Data Colloquium, University of Washington, Seattle, WA. (poster with Nathalie Williams).
- 2011 "Seattle's MLK Way: A Spatial Comparison of MLK Residents From 1980-2000." The Pacific Sociological Association, Seattle, WA. (presentation).
- 2009 "Seattle's Martin Luther King, Jr. Way: A 40 Year Reflection on a Dream." Sociology Undergraduate Research Symposium, University of Washington, Seattle, WA. (presentation).

RESEARCH EXPERIENCE

- 2018-present Principal Researcher, "The State of Evictions: Measuring Prevalence & Racial Disparities." The eScience Institute, Dept. of Sociology, & the Cascadia Urban Analytic Collective, University of Washington, Seattle, WA.
- 2017-present Researcher, "Housing Insecurity Longitudinal Database: Merging Public Housing & Homelessness Data." eScience Institute, Seattle, WA.
- 2017-2018 Principal Researcher, "Quantifying Displacement: Neighborhood Change & Migration in the Puget Sound Region." Cascadia Urban Analytic Collective, University of Washington, Seattle, WA.

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| 2017-2018 | Researcher, "Hate Crimes and Micro-segregation." The City of Seattle Auditor's Office. |
| 2016-2017 | Program Coordinator, The UW Homelessness Initiative, Urban@UW, University of Washington. |
| 2015-2016 | Research Assistant, "Migration Patterns of Seattle and King County's Public Housing Recipients." Kyle Crowder, University of Washington. |
| 2015 | Research Assistant & Consultant, Center for Studies in Demography and Ecology, Matthew Dunbar, University of Washington. |
| | Research Assistant, "Spatial Analysis of Seattle Alcohol and Marijuana Citations." Katherine Beckett, University of Washington. |
| | Research Assistant, "Mapping Legal Financial Obligations and Stratification." Alexes Harris, University of Washington. |
| 2012 | Spatial Analyst, "Koreans and Korean Americans in the Pacific Northwest Project." Korean American Historical Society and the Wing Luke Museum, Seattle WA. |
| 2008-2011 | Research Assistant, The Lynching Database, Stewart Tolnay, University of Washington. |
| 2011 | Research Assistant, "Spatial Crime Data Collection at the Center for Studies in Demography and Ecology." Matthew Dunbar, University of Washington. |
| | Research Assistant, Southern Migration Linkage Project, Stewart Tolnay, University of Washington. |
| 2010 | Research Assistant, "Royal Navy Mutiny Research." Steve Pfaff, University of Washington. |
| | Research Assistant, Spatial Demographic Data Collection for Seattle, Center for Studies in Demography and Ecology, Matt Dunbar, University of Washington. |

CONSULTATION

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| 2019 | Consultant, "Links Between Youth and Young Adult Homelessness and Evictions." Raikes Foundation, Legal Council for Youth and Children, and the Housing Justice Project, Seattle, WA. |
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| 2018-2019 | Consultant, "The Creative Economy & Artist Displacement in the Puget Sound" City of Seattle Arts & Culture Office, Seattle, WA. |
| 2016-2017 | Consultant & Expert Witness, "Racial and Gender Disparities in Evictions." ACLU & The Northwest Justice Project, Washington State. |
| 2016-2017 | Consultant, "Spatial Patterns of Homeless Encampments." The City of Seattle Mayor's Office, Seattle, WA. |

TEACHING

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| 2016 | Instructor, Undergraduate Research Practicum, "Mapping mobility patterns of Seattle and King County Public Housing Residents 2004-2016." University of Washington. |
| 2015 | Instructor, Spatial Epidemiology Workshop, University of Nairobi, Kenya. Instructor, Introduction to GIS for Health Researchers, University of Washington (online course). |
| 2014 | Co-Instructor, Urban Sociology, University of Washington. |
| 2012 | Teaching Assistant, Criminology, University of Washington. Teaching Assistant, Sociological Methods, University of Washington. |
| 2011 | Teaching Assistant, Sociological Methods, University of Washington. Co-Instructor, Visual Sociology, University of Washington. |
| 2010 | Co-Instructor, Visual Sociology, University of Washington. |

MEMBERSHIP & SERVICE

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| 2012-present | Population Association of America |
| 2013-present | American Sociological Association |
| 2017-present | Cascadia Urban Analytic Collective |
| 2016-present | Public Scholar, The Evictions Lab |

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| 2010-present | Research Affiliate, Center for Studies in Demography and Ecology, University of Washington. |
| 2012-2015 | Research Liaison and Organizer, City of Seattle & University of Washington Data/Research Collaboration. |
| 2013-2015 | Graduate Student Administration Representative, University of Washington. |
| 2013 | Coordinator, University of Washington and the City of Seattle Research Colloquium, City Hall, Seattle, WA. |
| 2012 | Coordinator, University of Washington and the City of Seattle Research Colloquium, University of Washington. |
| 2011-2012 | Graduate Student Representative, Student Technology Fund Committee, University of Washington. |

COMPUTATIONAL PROFICIENCY

R (advanced), Python, Unix (Linux, Debian, Ubuntu), Amazon Web Services, git, html, QGIS, ArcGIS

RECOMMENDATIONS

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| Kyle Crowder | Professor (Dissertation Chair) University of Washington Department of Sociology kylecrow@uw.edu (206) 616-1203 |
| Stewart Tolnay | Professor Emeritus (Dissertation Committee Member) University of Washington Department of Sociology tolnay@uw.edu (206) 685-2284 |
| Thaisa Way | Professor University of Washington Landscape Architecture tway@uw.edu (206) 685-2523 |

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| Tyler McCormick | Associate Professor (Postdoctoral Mentor) University of Washington Department of Sociology & Statistics tylermc@uw.edu (206) 616-1203 |
| Bill Howe | Assistant Professor University of Washington iSchool billhowe@uw.edu |
| Mark Ellis | Professor University of Washington Department of Geography ellism@uw.edu |
| Nathalie Williams | Associate Professor (Dissertation Committee Member & Co-Author) University of Washington Department of Sociology natw@uw.edu (206) 616-6270 |