

Timothy A. Thomas, Ph.D.

Postdoctoral Fellow
September 15, 2019
Curriculum vitae

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, &
 Thaïsa 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."

EMPLOYMENT

- 2019 - present **University of California Berkeley**
Postdoctoral Fellow,
The Urban Displacement Project at the Center for Community Innovation &
The Institute of Governmental Studies
- 2017 - 2019 **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"

MANUSCRIPTS IN PROGRESS

Thomas, Timothy A. "Eviction Ecology: Neighborhood Dynamics and Extra-Local Effects."

Thomas, Timothy A., Ott Toomet, Ian Kennedy, and Alex Ramiller. "Evictions and Regional Population Migration."

Thomas, Timothy A., Ott Toomet, Ian Kennedy, and Alex Ramiller. "Evictions and Gentrification."

Toomet, Ott, Jose Hernandez, Ian Kennedy, Timothy A. Thomas, and Alex Ramiller. "Natural Language Processing for Eviction Court Records and Bayesian Demographic Estimation."

Ramiller, Alex, Timothy A. Thomas. "Evictions and the Changing Built Environment"

Thomas, Timothy A. and Michael Babb. "Neighborhood Change & Displacement: Re-imagining the Concentric Zone Theory to Measure Migration from Gentrification."

Thomas, Timothy A. and Ryan Gabriel. "Segregation within Integration: Measuring Micro-Level Segregation in Seattle's Integrated Tracts Using Spatial & Qualitative Analysis."

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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| 2017-2019 | Moore/Sloan Data Science and Washington Research Foundation Innovation in Data Science Postdoctoral Fellowship. <i>University of Washington (\$155,000)</i> |
| 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> |

TRANSLATIONAL RESEARCH

- 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

- 2019 "Evictions & Gentrification." Super Session Plenary chaired by Matthew Desmond on the Causes & Consequences of Eviction, The 2019 Annual Meeting for the Association for Public Policy Analysis & Management, Denver, CO.
- "The State of Evictions During the Affordability Crisis." The 2019 Housing Washington Annual Conference, Spokane, WA.
- "Residential Tenancies: The Legacy of Redlining, Contemporary Effects, Recent Law Changes, and Recommendations." Washington State House of Representatives Civil Rights & Judiciary Committee, Olympia, WA.
- "Contemporary Consequences of Redlining & Residential Segregation." King County Council, Seattle, WA.
- "Neighborhood Demographics, Zoning, & Hate Crime Report." Seattle City Council, Seattle, WA.
- "The State of Evictions During the Affordability Crisis: Measuring Prevalence & Disparate Impact through Machine Learning on CourtRecords." 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 & 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)

- 2014 "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.
- 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

- 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.
- 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

- 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

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

REFERENCES

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
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

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