

# Tim Thomas, Ph.D.

Postdoctoral Fellow  
September 28, 2020  
Curriculum vitae

Institute of Governmental Studies  
Urban Displacement Project  
University of California, Berkeley

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(206) 390-6512

## EMPLOYMENT

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| 2019 - present | <b>University of California Berkeley</b><br>Research Director & Postdoctoral Fellow,<br>The Urban Displacement Project at the Center for Community Innovation &<br>The Institute of Governmental Studies |
| 2017 - 2019    | <b>University of Washington</b><br>Moore-Sloan & Washington Research Data Science Postdoctoral Fellow,<br>Sociology & The eScience Institute   |

## EDUCATION

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| 2017 | <b>University of Washington</b><br>Ph.D., Sociology<br>Dissertation: "Forced Out: Race, Market, & Neighborhood Dynamics of Evictions"<br>Committee: Kyle Crowder (Chair), Stewart Tolnay, Nathalie Williams, &<br>Thaisa Way (GSR)<br>Exam Topics: Residential Segregation, Neighborhood Mobility, Gentrification,<br>Neighborhood Crime, Social Disorganization, & Spatial Methods<br>Minor: Demographic methods & spatial statistics |
| 2013 | <b>University of Washington</b><br>M.A., Sociology<br>Thesis: "Revisiting Crime Hot-Spot Interventions: Displacement, Longevity, and<br>Neighborhood Impacts."   |
| 2009 | <b>University of Washington</b><br>B.A., Sociology<br>Honor's Thesis: "Seattle's Martin Luther King, Jr. Way: A 40 Year Reflection<br>on a Dream."   |

## RESEARCH & TEACHING INTERESTS

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

## PEER-REVIEWED PUBLICATIONS

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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

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Thomas, Timothy A. "Racial Disparities in Eviction."

Thomas, Timothy A., Ott Toomet, Alex Ramiller, & Jose Hernandez. "Regional Population Migration & Evictions."

## MANUSCRIPTS IN PROGRESS

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

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

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

Patterson, Regan, Michael Esposito, & Tim Thomas. "Modern Black Displacement & Environmentally Hazardous Destinations."

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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2020-2021	C3.AI Digital Transformations Institute grant to mitigate COVID-19 and future pandemics. <i>University of California, Berkeley (\$375,000)</i>
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

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- 2020 Report. "Sensitive Communities Typology Map for SB 50." Analysis of communities sensitive to gentrification in light of SB 50's upzoning proposal, Berkeley, CA. (<https://sensitivecommunities.org>)
- 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." 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

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- 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 "Seattles MLK Way: A Spatial Comparison of MLK Residents From 1980-2000." The Pacific Sociological Association, Seattle, WA. (presentation).
- 2009 "Seattles Martin Luther King, Jr. Way: A 40 Year Reflection on a Dream." Sociology Undergraduate Research Symposium, University of Washington, Seattle, WA. (presentation).

## RESEARCH EXPERIENCE

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- 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

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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.
- 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
- 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

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

## REFERENCES

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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
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  
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