

# Timothy A. Thomas, Ph.D.

Curriculum vitae  
February 22, 2018

Department of Sociology  
eScience Institute  
University of Washington

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timothyathomas.com  
(206) 390-6512

## APPOINTMENTS

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2017      **University of Washington**  
Moore-Sloan & WRF Data Science Post Doctoral Fellow, eScience & Sociology

## EDUCATION

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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."

## RESEARCH & TEACHING INTERESTS

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

## PEER-REVIEWED PUBLICATIONS

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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. and Ryan Gabriel. "Segregation within Integration: Exploring Micro-Level Segregation in Seattles Integrated Tracts Using Spatial & Qualitative Analysis." *Under Review*.

Beach, Lindsey R., Charles C. Lanfear, Timothy A. Thomas. "Racial Implications of Neighborhood Context on Complaint-Driven Police Incidents." *Under Review*.

## MANUSCRIPTS IN PROGRESS

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Thomas, Timothy A. "Local and Extra-Local Neighborhood Dynamics of Evictions."

Thomas, Timothy A. "Neighborhood Change & Evictions."

Thomas, Timothy A. "Racial Disparities & Geographic Concentrations in Evictions."

Esposito, Michael, Timothy A. Thomas. "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. *University of  
Washington (\$220,000)*

2017            Center for Studies in Demography and Ecology Travel Grant,  
*University of Washington (\$500).*

- 2016 Center for Studies in Demography and Ecology Best Poster Award, "Neighborhood Change and Racial Dynamics of Complainants, Suspects, & Arrestees." *University of Washington*. (with Lindsey R. Beach and Charles Lanfear).
- 2015 West Coast Poverty Center Research Seed Grant, *University of Washington* (\$10,000).
- 2012-2015 National Science Foundation Graduate Research Fellowship. *University of Washington* (\$105,000 + tuition)
- 2016 Center for Studies in Demography and Ecology Travel Grant, *University of Washington* (\$500).
- 2015 Center for Studies in Demography and Ecology Travel Grant, *University of Washington* (\$500).
- 2011 Advanced Spatial Analysis Workshop Grant, *Pennsylvania State University* (\$600)
- 2009 Mary Gates Research Scholarship, *University of Washington* (\$3,000)
- 2009 Graduated with Honors, Sociology, *University of Washington*

## INVITED PRESENTATIONS

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- 2018 "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.
- 2016 "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 Seattles 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 Seattles 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.
- 2014 "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, April, 2014.
- 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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- 2018 "Eviction Ecology: Local and Extra-local Neighborhood Effects." American Sociological Association Annual Meeting, Philadelphia, PA. (presentation)
- 2018 "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)
- 2018 "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)

- 2016 "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 Seattles 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).

## 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.
- 2015 Instructor, Introduction to GIS for Health Researchers, University of Washington (online course).
- 2014 Co-Instructor, Urban Sociology, University of Washington, Seattle.
- 2012 Teaching Assistant, Criminology, University of Washington, Seattle.
- 2012 Teaching Assistant, Sociological Methods, University of Washington, Seattle.

- 2011 Teaching Assistant, Sociological Methods, University of Washington, Seattle.
- 2011 Co-Instructor, Visual Sociology, University of Washington, Seattle.
- 2010 Co-Instructor, Visual Sociology, University of Washington, Seattle.

**RESEARCH AND CONSULTATION**

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- 2016-2017 Consultant & Expert Witness, “Racial and Gender Disparities in Evictions.” ACLU & The Northwest Justice Project, Washington State.
- 2017 Researcher, “Hate Crimes and Micro-segregation.” The City of Seattle Auditor’s Office, Seattle WA.
- 2016-2017 Program Coordinator, The UW Homelessness Initiative, Urban@UW, University of Washington.
- 2016-2017 Consultant, “Spatial Patterns of Homeless Encampments.” The City of Seattle Mayors Office, Seattle WA.
- 2015-1016 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.
- 2015 Research Assistant, “Spatial Analysis of Seattle Alcohol and Marijuana Citations.” Katherine Beckett, University of Washington.
- 2015 Research Assistant, “Mapping Legal Financial Obligations and Stratification.” Alexis 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.
- 2011 Research Assistant, “Spatial Crime Data Collection at the Center for Studies in Demography and Ecology.” Matthew Dunbar, University of Washington.
- 2011 Research Assistant, Southern Migration Linkage Project, Stewart Tolnay, University of Washington.

- 2010                    Research Assistant, “Royal Navy Mutiny Research.” Steve Pfaff, University of Washington.
  
- 2010                    Research Assistant, Spatial Demographic Data Collection for Seattle, Center for Studies in Demography and Ecology, Matt Dunbar, University of Washington.
  
- 2008-2011            Research Assistant, The Lynching Database, Stewart Tolnay, University of Washington.

**MEDIA**

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- 2017                    “Black life is draining out of Seattle, Census shows.” NPR KUOW. (<http://kuow.org/post/black-life-draining-out-seattle-census-shows>)
  
- 2016                    “Seattle’s ‘Diverse’ Neighborhoods Are Surprisingly Segregated.” NPR KUOW. (<http://kuow.org/post/seattles-diverse-neighborhoods-are-surprisingly-segregated>)
  
- 2016                    “Seattle’s Neighborhoods Have Experienced ‘Segregation Within Integration.’ Curbed. (<http://seattle.curbed.com/2016/4/14/11434824>)
  
- 2015                    “When diverse neighborhoods are more segregated than they appear.” Kinder Institute for Urban Research. (<https://kinder.rice.edu/Blog/holeywell061115/>)

**MEMBERSHIP & SERVICE**

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- 2012-present            Population Association of America
  
- 2013-present            American Sociological Association
  
- 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.

## 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 (Dissertation Committee Member) University of Washington Department of Sociology tolnay@uw.edu (206) 685-2284
Nathalie Williams	Associate Professor (Dissertation Committee Member & Co-Author) University of Washington Department of Sociology natw@uw.edu (206) 616-6270