

# Timothy A. Thomas, Ph.D.

Curriculum vitae  
January 15, 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 Lanfear, **Timothy A. Thomas**. "Formal Social Control in Changing Neighborhoods: 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." In Progress

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

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

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.

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." (with Lindsey R. Beach and Charles Lanfear).

- 2015 West Coast Poverty Center Seed Grant, University of Washington (\$10,000).
- 2012-2015 National Science Foundation Graduate Research Fellowship.
- 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*

## CONFERENCE PRESENTATIONS

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- 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 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, (presentation).

## **INVITED PRESENTATIONS**

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- 2016 "Racial and Gender Estimations of Unlawful Detainers." Northwest Civil Rights Lawyer 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." 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 Urban Sociology class, Seattle Pacific University, Seattle WA.
- 2014 "Hidden Segregation: Dis-Aggregating Tract-level Stratification Using Spatial and Qualitative Methods." Department of Sociology Deviance Seminar, University of Washington, Seattle WA.
- 2014 "Measuring Mobility Using Cell Phone Call Data Records: Developing Big Data for Demographic Science." Seminar Presentation at 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." Seminar presentation at the Center for Studies in Demography and Ecology, University of Washington, Seattle WA, November 2013.
- 2012 "Does Crime Move? Quantifying Crime Movement After Hot-Spot Operations." Department of Sociology Deviance Seminar, University of Washington, Seattle WA.

2010 "Mapping Inequality." Annual Urban Poverty Forum, Town Hall, 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.

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." 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.
- 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