

# tim thomas, Ph.D.

RESEARCH DIRECTOR · POSTDOCTORAL SCHOLAR

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

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## Employment

### University of California, Berkeley

RESEARCH DIRECTOR · POSTDOCTORAL SCHOLAR

Institute of Governmental Studies' Urban Displacement Project

Berkeley, CA

2017 - present

### University of Washington

POST DOCTORAL SCHOLAR

The eScience Institute

Seattle, WA

2017 - 2019

## Education

### University of Washington

PH.D., SOCIOLOGY & DEMOGRAPHY

Dissertation: Forced Out: Race, Market, & Neighborhood Dynamics of Evictions

Seattle, WA

2017

M.A., SOCIOLOGY

Masters Thesis: Revisiting Crime Hot-Spot Interventions: Displacement, Longevity, and Neighborhood Impacts

2013

B.A., SOCIOLOGY

Honors Thesis: Seattle's Martin Luther King, Jr. Way: A 40 Year Reflection on a Dream

2009

### Seattle Central Community College

GENERAL COURSEWORK

Seattle, WA

2007

## Grants, Fellowships, & Awards

### GRANTS

2020	<b>Housing Precarity Risk Model for COVID-19</b> , C3.AI Digital Transformations Institute, U.C. Berkeley	\$375,000
2020	<b>Eviction Causes</b> , The Cloudera Foundation, U.C. Berkeley	\$75,000
2019	<b>Youth and Young Adult Eviction and Homelessness</b> , Raikes Foundation Grant for Research, U. Wash	\$5,000
2018	<b>Washington State Evictions Research</b> , Enterprise Community Partners, U. Wash	\$4,000
2015	<b>Mobility &amp; Demographics within Subsidized Housing Tenants</b> , West Coast Poverty Center, U. Wash	\$10,000
2015-2019	<b>Presentation Travel Grants</b> , Center for Studies in Demography and Ecology, U. of Washington	\$3,000

### FELLOWSHIPS

2017	<b>Postdoctoral Fellowship</b> , Moore/Sloan and WA Research Foundation Innovation in Data Science, U. Wash	\$155,000
2012-2015	<b>Graduate Research Fellowship</b> , National Science Foundation, U. Wash	\$105,000
2009	<b>Undergraduate Research Scholarship</b> , The Mary Gates Foundation, U. Wash	\$3,000

### AWARDS

- 2016 **Best Poster**, Center for Studies in Demography and Ecology (with L. R. Beach and C. Lanfear) U. Wash
- 2009 **Graduated with Honors**, Department of Sociology, U. Wash

## Research & Teaching Interests

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

## Peer Reviewed Publications

Hepburn, Peter, Renee Louis, Joe Fish, Emily Lemmerman, Anne Kat Alexander, **Timothy A. Thomas**, Robert Koehler, Emily Benfer, & Matthew Desmond. 2021. "U.S. Eviction Filing Patterns in 2020." Socius: Sociological Research for a Dynamic World, Forthcoming.

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

## Manuscripts Under Review

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

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

**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."

## Reports

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**Thomas, Tim**, Carson Hartmann, Anna Driscoll, Karen Chapple, Anna Cash, Renee Roy Elias, & Miriam Zuk. 2020. "The Urban Displacement Replication Project." Urban Displacement Project. [https://www.urbandisplacement.org/sites/default/files/images/udp\\_replication\\_project\\_methodology\\_10.16.2020-converted.pdf](https://www.urbandisplacement.org/sites/default/files/images/udp_replication_project_methodology_10.16.2020-converted.pdf)

**Thomas, Tim**, Ian Kennedy, Alex Ramiller, Ott Toomet, & Jose Hernandez. 2020. "Baltimore Eviction Map." The Evictions Study. <https://evictions.study/maryland/report/baltimore.html>

Cash, Anna, **Timothy A. Thomas**, Carson Hartman, and Karen Chapple. 2020. "Sensitive Communities Typology Map for SB 50: Analysis of communities sensitive to gentrification in light of California's upzoning proposal." Urban Displacement Project. <https://sensitivecommunities.org>

**Thomas, Timothy A.**, Ott Toomet, Ian Kennedy, and Alex Ramiller. 2019. "The State of Evictions: Results from the University of Washington Evictions Project." The Evictions Study. <https://evictions.study>

**Thomas, Timothy A.**. 2019. "Neighborhood Demographics, Zoning, Hate Crime Report." City of Seattle. [http://www.seattle.gov/Documents/Departments/CityAuditor/auditreports/2017-09%20Hate%20Crimes%20Ph2\\_Final.pdf](http://www.seattle.gov/Documents/Departments/CityAuditor/auditreports/2017-09%20Hate%20Crimes%20Ph2_Final.pdf)

## Presentations

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### INVITED PRESENTATIONS

#### Listening Session on Evictions: Racial Disparities

UNITED STATES WHITE HOUSE

*Washington D.C.*

2021

#### Eviction, Displacement, Unemployment, and COVID-19 Infection Risk: Measuring Neighborhood Level Housing Precarity During the Pandemic

UNIVERSITY OF CALIFORNIA, BERKELEY COMPUTATIONAL SOCIAL SCIENCE SEMINAR (PRESENTED WITH CORNELIA ILIN, ALEX RAMILLER, DANIEL CAMPBELL, SHAYAN GHOSH, JOSH BLUMENSTOCK, & KAREN CHAPPLE)

*Berkeley, CA*

2020

#### Estimating Racial Disparities in Eviction

UNIVERSITY OF CALIFORNIA, BERKELEY NEIGHBORHOOD CHANGE CONFERENCE

*Berkeley, CA*

2020

## **Baltimore's Eviction Crisis**

BALTIMORE CITY COUNCIL

*Baltimore, MD*

2020

## **Gentrification & Evictions**

ASSOCIATION FOR PUBLIC POLICY ANALYSIS & MANAGEMENT ANNUAL MEETING SUPER SESSION PLENARY: THE CAUSES & CONSEQUENCES OF EVICTION

*Denver, CO*

2019

## **The State of Evictions During the Affordability Crisis**

HOUSING WASHINGTON ANNUAL CONFERENCE

*Spokane, WA*

2019

## **Residential Tenancies: The Legacy of Redlining, Contemporary Effects, Recent Law Changes, & Recommendations.**

EXPERT TESTIMONY FOR THE WASHINGTON STATE HOUSE OF REPRESENTATIVES CIVIL RIGHTS & JUDICIARY COMMITTEE

*Olympia, WA*

2019

## **Contemporary Consequences of Redlining & Residential Segregation**

KING COUNTY COUNCIL

*Seattle, WA*

2019

## **Neighborhood Demographics, Zoning, & Hate Crime Report**

SEATTLE CITY COUNCIL

*Seattle, WA*

2019

## **The State of Evictions During the Affordability Crisis: Measuring Prevalence & Disparate Impact through Machine Learning on Court Records**

UNIVERSITY OF PENNSYLVANIA & UNIVERSITY OF OXFORD SYMPOSIUM ON AFFORDABLE HOUSING IN THE ADVANCED ECONOMIES

*Oxford, UK*

2019

## **The State of Evictions in Washington**

SEATTLE CITY COUNCIL

*Seattle, WA*

2019

## **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*

2019

## **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*

2018

## **Forced Evictions, Neighborhood Change, & Race: From Jim Crow to Gentrification**

THE CITY OF SEATTLE'S OFFICE OF ARTS & CULTURE

*Seattle, WA*

2018

## **Eviction Ecology**

UNIVERSITY OF TEXAS, AUSTIN, DEPARTMENT OF SOCIOLOGY

*Austin, TX*

2018

## **Race, Place, & Evictions**

ARIZONA STATE UNIVERSITY, SCHOOL OF SOCIAL TRANSFORMATIONS

*Tempe, AZ*

2017

## **Racial & 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*

2016

## Segregation within Integration: Exploring Micro-level Segregation in Seattle's Integrated Tracts

UNIVERSITY OF WASHINGTON, CENTER FOR STUDIES IN DEMOGRAPHY & ECOLOGY SEMINAR

Seattle, WA

2015

## Hidden Segregation: Dis-Aggregating Tract-level Stratification Using Spatial & Qualitative Methods

UNIVERSITY OF WASHINGTON, DEPARTMENT OF SOCIOLOGY

Seattle, WA

2014

## Measuring Mobility Using Cell Phone Call Data Records: Developing Big Data for Demographic Science

UNIVERSITY OF WASHINGTON, CENTER FOR STUDIES IN DEMOGRAPHY & ECOLOGY

Seattle, WA

2014

## Does Crime Move? Quantifying Crime Displacement After a Hot-Spot Intervention

UNIVERSITY OF WASHINGTON, CENTER FOR STUDIES IN DEMOGRAPHY & ECOLOGY

Seattle, WA

2013

## Does Crime Move? Quantifying Crime Displacement After a Hot-Spot Intervention

UNIVERSITY OF WASHINGTON, DEPARTMENT OF SOCIOLOGY

Seattle, WA

2012

## Mapping Inequality

THE URBAN POVERTY FORUM TOWN HALL MEETING

Seattle, WA

2010

## CONFERENCE PRESENTATIONS

### The State of Evictions During the Affordability Crisis: Measuring Prevalence & Disparate Impact through Machine Learning on Court Records

AMERICAN SOCIOLOGICAL ASSOCIATION COMMUNITY URBAN SOCIOLOGY SECTION PRE-CONFERENCE, NEW YORK UNIVERSITY  
WAGNER SCHOOL OF PUBLIC SERVICE

New York, NY

2019

### Eviction Ecology: Local & Extra-local Neighborhood Effects

AMERICAN SOCIOLOGICAL ASSOCIATION ANNUAL MEETING

Philadelphia, PA

2018

### Neighborhood & Demographic Disparities in Evictions: Using Spatial Analysis & Bayes Estimation to Define a Previously Unknown Population in King County, WA

POPULATION ASSOCIATION OF AMERICA ANNUAL MEETING

Denver, CO

2018

### Health & Racial Neighborhood Segregation: A Multi-City Comparison

POPULATION ASSOCIATION OF AMERICA ANNUAL MEETING (POSTER PRESENTATION WITH MICHAEL ESPOSITO)

Denver, CO

2018

### Forced Out: Race, Market, & Neighborhood Dynamics in Evictions

AMERICAN SOCIOLOGICAL ASSOCIATION ANNUAL MEETING

Montreal, QC

2017

### Neighborhood Change and Racial Dynamics of Complainants, Suspects, & Arrestees

AMERICAN SOCIOLOGICAL ASSOCIATION ANNUAL MEETING (PRESENTATION WITH LINDSEY R. BEACH AND CHARLES LANFEAR)

Seattle, WA

2016

### Segregation in Place: Aging, Age-Dependent Mobility, & Long-Term Racial Succession

POPULATION ASSOCIATION OF AMERICA ANNUAL MEETING (PRESENTED BY MICHAEL BADER)

Washington D.C.

2016

### Neighborhood Change and Racial Dynamics of Complainants, Suspects, & Arrestees

POPULATION ASSOCIATION OF AMERICA ANNUAL MEETING (POSTER WITH LINDSEY R. BEACH AND CHARLES LANFEAR)

Washington D.C.

2016

## Segregation within Integration: Exploring Micro-level Segregation in Seattle's Integrated Tracts

POPULATION ASSOCIATION OF AMERICA ANNUAL MEETING (PRESENTATION WITH RYAN GABRIEL)

San Diego, CA

2015

## Measuring Mobility Using Cell Phone Call Data Records: Developing Big Data for Demographic Science

POPULATION ASSOCIATION OF AMERICA ANNUAL MEETING (PRESENTATION WITH NATHALIE WILLIAMS, MATT DUNBAR, NATHAN EAGLE, & ADRIAN DOBRA)

Boston, MA

2014

## Spatial Methods for Quantifying Crime Displacement: Measuring Crime Movement After a Hot-Spot Policing Intervention

POPULATION ASSOCIATION OF AMERICA ANNUAL MEETING (POSTER)

Boston, MA

2014

## Spatially Defined Measures of Mobility

ESCIENCE BIG DATA COLLOQUIUM (PRESENTED BY NATHALIE WILLIAMS WITH MATT DUNBAR, NATHAN EAGLE, & ADRIAN DOBRA)

Seattle, WA

2013

## Seattle's MLK Way: A Spatial Comparison of MLK Residents from 1980 to 2000

PACIFIC SOCIOLOGICAL ASSOCIATION

Seattle, WA

2011

## Seattle's MLK Way: A Spatial Comparison of MLK Residents from 1980 to 2000

PACIFIC SOCIOLOGICAL ASSOCIATION

Seattle, WA

2011

## Research & Consultation

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### RESEARCH

2021	<b>Principal Investigator</b> , Eviction Demographic Estimations & Causes Using NLP	U.C. Berkeley
2020-now	<b>Principal Researcher</b> , The Housing Precarity Risk Model	U.C. Berkeley
2018-now	<b>Principal Investigator</b> , The Evictions Study, <a href="https://evictions.study">https://evictions.study</a>	U.C. Berkeley & UW
2017-2019	<b>Researcher</b> , Housing Insecurity Longitudinal Database, eScience Institute	U. Wash
2017-2018	<b>Principal Researcher</b> , Displacement & Neighborhood Change in PNW, CUAC	U. Wash
2017-2018	<b>Principal Researcher</b> , Hate Crimes & Micro-Segregation, City of Seattle	U. Wash
2016-2017	<b>Program Coordinator</b> , UW Homelessness Initiative, Urban@UW	U. Wash
2015-2016	<b>Research Assistant</b> , KC Subsidized Housing Recipients Migration Patterns, K. Crowder, Soc. Dept.	U. Wash
2015	<b>Research Assistant &amp; Consultant</b> , Center for Studies in Demography & Ecology, M. Dunbar	U. Wash
2015	<b>Research Assistant</b> , Spatial Analysis of Seattle Marijuana & Alcohol Citations, K. Beckett, Soc. Dept.	U. Wash
2015	<b>Research Assistant</b> , Mapping Legal Financial Obligations & Stratification, A. Harris, Soc. Dept.	U. Wash
2012	<b>Researcher</b> , Koreans and Korean Americans in the PNW Project, KAHS & Wing Luke Museum	U. Wash
2008-2011	<b>Research Assistant</b> , The Lynching Database, S. Tolnay, Soc. Dept.	U. Wash
2011	<b>Research Assistant</b> , Spatial Crime Data Collection, M. Dunbar, CSDE	U. Wash
2011	<b>Research Assistant</b> , Southern Migration Linkage Project, S. Tolnay, Soc. Dept.	U. Wash
2010	<b>Research Assistant</b> , Royal Navy Mutiny Research, S. Pfaff, Soc. Dept.	U. Wash
2010	<b>Research Assistant</b> , Spatial Demographic Data Collection for Seattle, M. Dunbar, CSDE	U. Wash

### CONSULTATION

2020	<b>Committee Member</b> , National Academy of Sciences' COVID-19 & Evictions Strategy Group	Washington, D.C.
2020	<b>Research Advisory Committee</b> , California's Roadmap Home 2030	Sacramento, CA
2019	<b>Consultant</b> , Youth and Young Adult Homelessness and Evictions, Raikes Foundation, Legal Council for Youth and Children, and the Housing Justice Project	Seattle, WA
2018-2019	<b>Consultant</b> , The Creative Economy & Artist Displacement in the Puget Sound, City of Seattle Arts & Culture Office	Seattle, WA
2016-2017	<b>Expert Witness</b> , Racial and Gender Disparities in Evictions, ACLU & The NW Justice Project	Seattle, WA
2016-2017	<b>Consultant</b> , Spatial Patterns of Homeless Encampments, The City of Seattle Mayor's Office	Seattle, WA

## Teaching

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2020	<b>Instructor</b> , Data for Housing	<i>U.C. Berkeley</i>
2016	<b>Instructor</b> , Mapping mobility patterns of Seattle & King County Public Housing Residents 2004-2016	<i>U. Wash</i>
2015	<b>Instructor</b> , Spatial Epidemiology	<i>U. of Nairobi, Kenya</i>
2015	<b>Instructor</b> , Introduction to GIS for Health Researchers Online Course	<i>U. Wash</i>
2014	<b>Co-Instructor</b> , Urban Sociology	<i>U. Wash</i>
2012	<b>Teaching Assistant</b> , Criminology	<i>U. Wash</i>
2012	<b>Teaching Assistant</b> , Sociological Methods	<i>U. Wash</i>
2011	<b>Teaching Assistant</b> , Sociological Methods	<i>U. Wash</i>
2011	<b>Co-Instructor</b> , Visual Sociology	<i>U. Wash</i>
2010	<b>Co-Instructor</b> , Visual Sociology	<i>U. Wash</i>

## Professional Activities, Membership, & Service

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2016-now **Public Scholar**, The Evictions Lab  
2010-now **Research Affiliate**, Center for Studies in Demography & Ecology  
2012-2015 **Research Liaison & Organizer**, City of Seattle & The University of Washington  
2013-2015 **Graduate Student Administration Representative**, The University of Washington Department of Sociology  
2012-2013 **Coordinator**, University of Washington and the City of Seattle Research Colloquium at City Hall, Seattle, WA  
2012-2013 **Graduate Student Representative**, Student Technology Fund Committee, University of Washington, Seattle, WA  
2012-2013 **Ad-hoc Reviewer**, American Sociological Review, Social Forces, Demography, City & Community

## Professional Organizations

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Population Association of America, American Sociological Association, & The Association of Public Policy Analysis & Management.