

# 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

COMPUTATIONAL SOCIAL SCIENCE TRAINING PROGRAM RESEARCH TRAINING LEAD

Berkeley Institute for Data Science

Berkeley, CA

2019 - 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

2021-2023	<b>Housing Precarity, Eviction, &amp; Displacement</b> , PolicyLink & Gates Foundation, U.C. Berkeley	\$400,000
2020	<b>Housing Precarity Risk Model for COVID-19</b> , C3.AI Digital Transformations Institute, U.C. Berkeley	\$375,000
2020	<b>Eviction Causes, Outcomes, &amp; Racial Disparities Using NLP</b> , The McGovern 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

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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*, 7, 23780231211009983.

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 in Progress

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**Thomas, Timothy A.** "Eviction and Racial Segregation."

**Thomas, Timothy A.**, Alex Ramiller, Daniel Campbell, Brooks Jessup, Sophie Phillips, and Karen Chapple. "The Housing Precarity Risk Model: Estimating Displacement and Eviction Risk After the COVID-19 Pandemic."

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

**Thomas, Timothy A.** and Alex Ramiller. "Evictions and Gentrification."

Toomet, Ott, Cheng Ren, Alex Ramiller, 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, Timothy A.**, Alex Ramiller, Daniel Campbell, Brooks Jessup, Sophie Phillips, and Karen Chapple. 2021. "*The Housing Precarity Risk Model: Forecasting Eviction Risk Post-Pandemic*." Urban Displacement Project. Forthcoming.

Stephanie Aaronson, Lisa K. Bates, Gloria Bruce, Anita Chandra, Amy Crews Cutts, Annie Donovan, Michael Fratantoni, Wayne Giles, William Goedel, Rachel Garshick Kleit, Ancel Meyers, Mahasin Mujahid, Kelly Patterson, Vincent J. Reina, Marybeth Shinn, **Timothy A. Thomas**, Rachel L. J. Thornton, Till Marco Von Wachter, Stephanie Williams, Douglas E. Wood, Ahu Yildirmaz. 2021. "*Rental Eviction and the COVID-19 Pandemic: Averting a Looming Crisis*." National Academy of Sciences, Engineering, & Medicine. <https://www.nationalacademies.org/our-work/response-and-resilient-recovery-strategic-science-initiative-strategy-group-on-covid-and-rental-evictions>

**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

#### NASEM Report on Rental Eviction and the COVID-19 Pandemic

UNITED STATES WHITE HOUSE

Washington D.C.

2021

## 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

## 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

2021	<b>Committee Member</b> , White House Eviction Prevention Task Force	Washington, D.C.
2020-2021	<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	U.C. Berkeley
2016	<b>Instructor</b> , Mapping mobility patterns of Seattle & King County Public Housing Residents 2004-2016	U. Wash
2015	<b>Instructor</b> , Spatial Epidemiology	U. of Nairobi, Kenya
2015	<b>Instructor</b> , Introduction to GIS for Health Researchers Online Course	U. Wash
2014	<b>Co-Instructor</b> , Urban Sociology	U. Wash
2012	<b>Teaching Assistant</b> , Criminology	U. Wash
2012	<b>Teaching Assistant</b> , Sociological Methods	U. Wash
2011	<b>Teaching Assistant</b> , Sociological Methods	U. Wash
2011	<b>Co-Instructor</b> , Visual Sociology	U. Wash
2010	<b>Co-Instructor</b> , Visual Sociology	U. Wash

## Professional Activities, Membership, & Service

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2016-now	<b>Public Scholar</b> , The Evictions Lab
2010-now	<b>Research Affiliate</b> , Center for Studies in Demography & Ecology
2012-2015	<b>Research Liaison &amp; Organizer</b> , City of Seattle & The University of Washington
2013-2015	<b>Graduate Student Administration Representative</b> , The University of Washington Department of Sociology
2012-2013	<b>Coordinator</b> , University of Washington and the City of Seattle Research Colloquium at City Hall, Seattle, WA
2012-2013	<b>Graduate Student Representative</b> , Student Technology Fund Committee, University of Washington, Seattle, WA
2012-2013	<b>Reviewer</b> , 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.