BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors. Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Walter, Rebecca J.

eRA COMMONS USER NAME: rjwalter

POSITION TITLE: Associate Professor, Real Estate, University of Washington; Co-Director of Outreach Core, Harborview Injury Prevention and Research Center

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion Date	FIELD OF STUDY
University of Nevada – Reno (Reno, NV)	B.A.	05/03	Psychology
University of New Hampshire (Durham, NH)	B.S.	05/04	Economics
Florida Atlantic University (Boca Raton, FL)	MURP	05/08	Urban Planning
Florida Atlantic University (Boca Raton, FL)	Ph.D.	05/12	Geosciences

A. Personal Statement

I am an Associate Professor and holder of the Robert F. Philip Endowed Professorship in the Runstad Department of Real Estate in the College of Built Environments at the University of Washington. I am also the Co-Director of the Outreach Core at Harborview Injury Prevention and Research Center representing social science disciplines, specifically the impact of the built environment on injury and violence. My primary area of research is focused on policy innovation in low-income housing. I emphasize a spatial analytical approach to examine how housing policies either expand opportunity or perpetuate inequality for low-income households. Most of my work is applied and community based as it involves direct engagement with public housing authorities and non-profit housing providers. My other area of research that directly aligns with my work at the Harborview Injury Prevention and Research Center involves a collaborative with criminologists to study spatial-temporal crime patterns across various types of land uses, housing developments, and commercial real estate. I examine real estate and urban planning dynamics (e.g., private investment, community and economic development initiatives, business activity) and changes in crime over time at the micro-scale (properties and street segments) to help inform policies that support the greatest violent and property crime reduction benefits.

B. Positions, Scientific Appointments, and Honors

2022-Present	Co-Director of Outreach Core, Harborview Injury Prevention and Research Center, Seattle, WA
2020-Present	Associate Professor, Real Estate, University of Washington, Seattle, WA
2020-Present	Adjunct Associate Professor, Geography, University of Washington, Seattle, WA
2017-2020	Assistant Professor, Real Estate, University of Washington, Seattle, WA
2017-2020	Adjunct Assistant Professor, Geography, University of Washington, Seattle, WA
2014-2017	Assistant Professor, Urban Planning, The University of Texas at San Antonio, San Antonio, TX
2012-2014	Adjunct Professor, Social Sciences, Broward College, Ft. Lauderdale, FL
2009-2012	Graduate Teaching Assistant, Geosciences, Florida Atlantic University, Boca Raton, FL

C. Contributions to Science

1. Policy Innovation in Public Housing Authorities. I focus on evaluating the policies and outcomes of public housing authorities and one of the largest federal assisted housing rental programs in the United States – the Housing Choice Voucher program. Most of my work is applied as it involves direct engagement with public housing authorities and non-profit housing providers. I have structured my research to address relevant policy and programmatic issues for such agencies while framing rigorous research questions and methods that produce results that have been accepted for publication in the most prominent housing and urban studies academic journals.

Examples of academic publications from the last five years that have resulted from this work include:

- **a.** Hess, C., **Walter, R.J.**, Acolin, A. and Chasins, S. (2019). Shaping Small Area Fair Market Rent Implementation to Respond to Diverse Housing Markets. *Cityscape: A Journal of Policy Development and Research*, *21*(3), 159-186.
- b. Walter, R.J., Colburn, G., Yerena, A., Pederson, M., Fyall, R. and Crowder, K. (2019). Constraints and Opportunities for Innovation in the Moving to Work Demonstration. *Housing and Society, 47*(1), 1-21. DOI: 10.1080/08882746.2019.1706067
- c. Wang, R., **Walter**, **R.J.**, Arafat, A. and Song, J. (2018). Understanding the Role of Life Events on Residential Mobility for Low-Income, Subsidized Households. *Urban Studies*, *56*(8), 1628-1646. DOI: 10.1177/0042098018771795
- d. Wang, R. and **Walter, R.J.** (2018). Tracking Mobility in the Housing Choice Voucher Program: A Household Level Examination in the State of Florida, USA. *Housing Studies, 33*(3), 455-475. DOI: 10.1080/02673037.2017.1347608
- **2.** Online Rental Housing Market Platforms. Online platforms have become a dominant part of the housing search process. These platforms often overrepresent some neighborhoods while excluding other neighborhoods. This body of research uncovers patterns of stratified information systems available for online housing searches.

Examples of academic publications from the last five years that have resulted from this work include:

- a. Hess, C., **Walter, R.J.**, Kennedy, I., Acolin, A., Ramiller, A., and Crowder, K. (2022). Segmented Information, Segregated Outcomes: Housing Affordability and Neighborhood Representation on a Voucher-Focused Online Housing Platform and Three Mainstream Alternatives. *Housing Policy Debate*. DOI: 10.1080/10511482.2022.2133548
- b. Hess, C., Acolin, A., Walter, R.J., Kennedy, I., Chasins, S. and Crowder, K. (2021). Searching for Housing in the Digital Age: Neighborhood Representation on Internet Rental Housing Platforms Across Space, Platform and Metropolitan Segregation. *Environment and Planning A: Economy and Space*. DOI: 10.1177/0308518X211034177
- c. Costa, A., Sass, V., Hess, C., Kennedy, I., Ramiller, A., Roy, R., Chasins, S., **Walter, R.J.**, Acolin, A. and Crowder, K. (2021). Toward a cross-platform framework: Assessing the representativeness of online rental listings. *Cityscape: A Journal of Policy Development and Research*, *23*(2), 327-339.

External grants in the last five years that have supported this work include:

National Science Foundation Bodik (PI) 2019-2020

Convergence Accelerator (C-Accel) Phase 1 (RAISE) – Linking the Open Knowledge Network to the Web with End-User Programming

The goal of this project is to apply an open-source scraping tool to applied social science research; one application was specifically focused on rental market data.

Role: SKP

3. Shared-Equity Homeownership Outcomes. Alternative homeownership models such as shared-equity homeownership have grown due to rising housing costs. This body of research assesses the ability for alternative models to improve locational and wealth outcomes for low- and moderate-income households.

Examples of academic publications from the last five years that have resulted from this work include:

- a. Ramiller, A., Acolin, A., **Walter, R**., and Wang, R. (2022). Moving to Shared Equity: Measuring Locational Outcomes for Households in Shared Equity Homeownership Programs. *Housing Studies*.
- b. Acolin, A., Ramiller, A., **Walter, R.J.**, Thompson, S. and Wang, R. (2021). Transitioning to Homeownership: Asset Building for Low- and Moderate-Income Households. *Housing Policy Debate*, *31*(6), 1032-1049. DOI: 10.1080/10511482.2021.1949372
- c. Wang, R., Cahen, C., Acolin, A., and **Walter, R.J.** (2019). *Tracking Growth and Evaluating Performance of Shared Equity Homeownership Programs during Housing Market Fluctuations*. Portland, OR: Grounded Solutions Network and Lincoln Institute of Land Policy.

External grants in the last five years that have supported this work include:

West Coast Poverty Center

Acolin (PI)

2020-2021

The goal of this project was to measure asset building and assess locational outcomes for low- and moderate-income individuals transitioning to homeownership.

Role: Co-PI

4. Built Environment and Crime. I collaborate with criminologists to study spatial-temporal crime patterns across various types of land uses, housing developments, and commercial real estate. I examine the impact of non-policing interventions on crime such as real estate and urban planning variables (e.g., private investment, community and economic development initiatives, vacant lots, business activity) and changes in crime over time at the micro-scale (properties and street segments) to help inform policies that support the greatest violent and property crime reduction benefits.

Examples of academic publications from the last five years that have resulted from this work include:

- a. Tillyer, M., Acolin, A., and **Walter, R**. (2022). Place-Based Improvements for Public Safety: Private Investment, Public Code Enforcement, and Changes in Crime at Micro-places Across 6 U.S. Cities. *Justice Quarterly*. DOI: 10.1080/07418825.2022.2127843
- b. **Walter**, **R.J.**, Tillyer, M.S., and Acolin, A. (2022). Spatiotemporal Crime Patterns Across Six U.S. Cities: Analyzing Stability and Change in Clusters and Outliers. *Journal of Quantitative Criminology*. DOI: 10.1007/s10940-022-09556-7
- c. Acolin, A., **Walter, R.J.**, Tillyer, M.S., Lacoe, J. and Bostic, R. (2021). Spatial Spillover Effects of Crime on Private Investment at Nearby Micro-Places. *Urban Studies*, *59*(4), 834-850. DOI: 10.1177/00420980211029761
- d. Tillyer, M.S., Wilcox, P. and **Walter, R.J**. (2020). Crime Generators in Context: Examining 'Place in Neighborhood' Propositions. *Journal of Quantitative Criminology*, *37*, 517-546. DOI: 10.1007/s10940-019-09446-5

External grants from the last five years that have supported this work include:

CINA Tillver (PI) 2019-202

Criminal Investigations and Network Analysis (CINA) – Innovative Spatiotemporal Pattern Detection: Examining Changes in Crime Hot Spots Across 6 U.S. Cities

The goal of this project is to examine how crime varies in relationship to private investment and land use factors.

Role: Co-PI

For published journal articles that appear in PubMed, refer to:

https://www.ncbi.nlm.nih.gov/sites/myncbi/rebecca.walter.1/collections/62108913/public/

For a list of all published journal articles since I am in a social science discipline, refer to: https://scholar.google.com/citations?user=4wKoRSkAAAAJ&hl=en&oi=ao