



# Thelonious Goerz

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Pre-doctoral Research Fellow, Johns Hopkins University  
Poverty and Inequality Research Lab

 [theloniousgoerz](https://github.com/theloniousgoerz)  [theloniousgoerz.github.io](https://github.com/theloniousgoerz) | Updated: Aug. 25, 2021

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## Education

### B.A. (Honors), with distinction

2018 - 2021

*Department of Sociology, University of Washington*

Minor: Data science

GPA: 3.90, Magna Cum Laude, Phi Beta Kappa

Thesis: "Race, Class, and Light Rail Transit: Examining Neighborhood Income and Demographic Composition Dynamics, 1990-2015"

Advisor: Sara. R. Curran

Graduate PhD methods (statistics), Demography, Urban Planning Policy

## Experience

### Pre-doctoral Research fellow

Jun 2021 - current

*Johns Hopkins University, Baltimore, MD*

Research assistant for professors Stefanie DeLuca and Nicholas Papageorge

Write memos on quantitative and qualitative data

Conduct statistical analysis for papers to be submitted to journals

### Research assistant

Jun 2020 - Sep 2020

*UW Department of Public Health, Seattle, WA*

Find, clean, and write codebooks of administrative and survey data in R

Collaborate with Prof. Uba Backonja to create a merged database of findings

### Research assistant

Mar 2019 - Mar 2020

*UW Department of Human Centered Design and Engineering, Seattle, WA*

Create surveys, literature reviews, and reports on university mental health resources

Use R to analyze data and make reports for advisors and the research team

Create reports and communicate results to multiple audiences to inform policy changes

## Publications

Goerz, Thelonious, 2021, "Race, Class, and Light Rail Transit: Examining income and demographic change in neighborhoods with transit development", (Working Paper)

## Invited Presentations

Goerz, Thelonious, 2021, "Race, Class, and Light Rail Transit: Examining income and demographic change in neighborhoods with transit development", American Sociological Association Annual Meeting.

Goerz, Thelonious, 2021, "Race, Class, and Light Rail Transit: Examining high-income demographic change in neighborhoods with transit development", Mary Gates Research Symposium.

Goerz, Thelonious, 2020, "Examining Stress and mental health resources access", Mary Gates Research Symposium.

## **Skills**

Software: R, SQL, Python, Stata, LaTeX, Markdown, MAXQDA, Microsoft office  
Additional: Git, Github, Bash

## **Additional Projects**

Used singular value decomposition and principal components analysis to analyze congressional voting roll call data  
Used K-nearest neighbors and random forests to predict penguin species using the palmerpenguins data  
Consulted with ASUW student leaders to analyze data and prepare exploratory analyses for policy changes  
Used multinomial and logistic regression to classify public opinion data on sex education using the General Social Survey

## **Awards and Honors**

Howard B. Woolston Award, Department of Sociology	2021
Awarded to the most outstanding graduating senior in Sociology	
Mary Gates Scholar, University of Washington \$2,500	2021
Populaiton Health Research Award, UW Population Health Initiative	2020
University of Washington Honors Program	2021
University of Washington Dean's list	2018-21

## **Professional affiliations**

Population Association of America  
American Sociological Association