

Thelonious Goerz

Pre-doctoral Fellow, Johns Hopkins University

Poverty and Inequality Research Lab · Baltimore · Maryland, US

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Education

B.A. (Honors), with distinction

2018 - 2021

Department of Sociology, University of Washington

Minor: Data science

GPA: 3.9, 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

Experience

Pre-doctoral fellow

Jun 2021 - current

Johns Hopkins University, Baltimore, MD

Assist professors Stefanie DeLuca and Nicholas Papageorge in research projects

Clean and analyze data quantitative and qualitative data

Conduct literature reviews and assist in misc tasks as needed

Peer mentor and tutor

Sep 2019 - Jun 2021

Odegaard Writing Center, Seattle, WA

Set goals and critique writing in 45-minute one-on-one sessions

Assist in new tutor mentorship, education and resource development

Coordinate internal and public facing writing center projects and workshops

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

Statistical 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 data from the General Social Survey

Presentations

(Goerz, Thelonious), 2021, “Race, Class, and Light Rail Transit: Examining high-income demographic change in neighborhoods with transit development”, Mary Gates Ressearch Symposium.

(Goerz, Thelonious), 2020, “Examining Stress and mental health resources access”, Mary Gates Ressearch Symposium.

Skills

Programming: R (advanced), SQL (familiar), Python (familiar), Bash (proficient), Git + Github (Proficient)

Research: Literature reviews, statistical analysis, data cleaning and management

Other software: Markdown, LaTeX, RedCap, MS Office

Additional training

Graduate coursework: PhD methods (statistics), Demography, Urban planning policy
Community Data Science Collective, Python Workshop
IRB, FOIA

Awards and Honors

Howard B. Woolston Award, Department of Sociology	2021
Awarded to the most oustanding 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