Seleeke Flingai, PhD, MPA

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Education

Princeton University, School of Public and International Affairs
MPA, Domestic Policy, Certificate in Urban Policy and Planning
May 2018

University of Pennsylvania, Perelman School of Medicine
PhD, Cell and Molecular Biology, Certificate in Public Health
May 2016

Massachusetts Institute of Technology
SB, Brain and Cognitive Sciences
June 2011

Skills

Project scoping

Research design and evaluation

Policy analysis

Descriptive analyses

Data manipulation and modeling

Regression techniques

Clustering and classification techniques

Programming and Software

R (tidyverse, ggplot2, sp/sf, leaflet, e1701, tm, caret; specific coursework in machine learning, econometrics, and advanced social statistics)

HTML/CSS/JavaScript

git (Git Bash, GitHub)

ArcGIS

Datawrapper

Microsoft Excel

Experience

Senior Associate, PolicyLink, Oakland, CA (November 2022–Present)

- Leads research engagements with community partners as part of the National Equity Atlas team
- Develops rigorous analyses, reports, and other data tools to support community-led struggles for greater equity

Lecturer, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA (August 2022–December 2022)

- Designed and taught the Master of Public Health graduate seminar course "Race and Public Health", which provides a broad overview of the social conditions that engender racial health disparities in the United States, focusing on the impacts of racism and capitalism.

Senior Research Associate, Vera Institute of Justice, Brooklyn, NY (January–Oct 2022)

Research Associate II (May 2020–January 2022)

- Leads racial disparities quantitative research and data transparency efforts for three site partners as a member of the Reshaping Prosecution program
- Developed data pipelines in R (with some work in SQL) to clean and analyze prosecution administrative datasets; used Datawrapper, R, and Microsoft Excel for data visualization
- Authored public-facing written material and provided oral testimony for a public hearing to share policy-relevant research findings and advance local and national policy objectives

Research Analyst II, Metropolitan Area Planning Council, Boston, MA (June 2018–April 2020)

- Managed and led the data analysis work for over a half dozen research efforts, with a primary focus on social vulnerability, racial/ethnic and socioeconomic disparities, and residential displacement in the Metro Boston region
- Developed statistical clustering and classification models in R to classify housing submarkets and climate-vulnerable communities using multiple data sources, including administrative data; collaborated with web development team to produce online interactive maps
- Presented findings and authored policy memos and reports, research briefs, literature reviews, and technical documentation to disseminate research to various internal and external audiences

Ph.D. Candidate, University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA (August 2011–May 2016)

- Developed an antibody delivery research program that led to multiple publications and the acquisition of grant funding totaling over $10 million
- Led the Penn contingent of a multi-institution research collaboration funded by DARPA with the aim of developing novel antibody-based protective drugs against infectious diseases
- Lead author of 3 peer-reviewed research publications (co-author on 7 others)

Select Publications and Projects

Flingai S., Sahaf M, Battle N, and Castaneda S. An Analysis of Racial Disparities in Police Traffic Stops in Suffolk County, Massachusetts, from 2010 to 2019. Vera Institute of Justice. June 27, 2022.

MAPC Housing Submarkets. (Lead Researcher). MAPC MetroCommon 2050, Metropolitan Area Planning Council. February 25, 2021.

The Diversity Deficit: Municipal Employees in Metro Boston. (Lead Researcher and Author) MAPC MetroCommon 2050, Metropolitan Area Planning Council. July 13, 2020.