

# Branson Fox

Sociology Undergraduate  
Saint Louis University

✉ branson.fox@slu.edu  
📧 bransonf.github.io

## Education

Anticipated 2020

### Saint Louis University

B.A., Sociology

Concentration in Urbanization, Immigration and Demography

Minor in Computational Geospatial Science

## Research Interests

Social Determinants of Health, Housing Inequality, Demography, Quantitative and Spatial Methods

## Research Experience

2018 – Current

Data Scientist

Washington University in St. Louis

- Analysis of Sexually Transmitted Disease in St. Louis
- Community Health Dashboard

2017 – Current

PrenerLab

Saint Louis University

- Software Development, Spatial Econometrics

2018

GIS Intern

Washington University in St. Louis

- Mapping Violence Prevention Efforts in St. Louis

2018

Heart Rate Variability Lab

Washington University in St. Louis

- Racial Disparities in Heart Health, Heart Rate Variability

## Articles in Progress

*Accepted*

Trolard, A., E. Peters-Bergquist, **B. Fox**, A. Sebert-Kuhlmann, T. Loux, S. Liang, B. Stoner, and H. Reno. “Presenting to the Emergency Department for Sexually Transmitted Disease Care; A Spatial Analysis”

*In Progress*

Reno, H., C. Highfill, A. Trolard, **B. Fox**, S. Liang and B. Stoner. “Early Syphilis Diagnoses in Patients Using Drugs in Missouri, 2015-2018”

*In Progress*

**Fox, B.** and C. Prener “Everyday Civic Participation: Sociospatial Variation in Non-Emergency Requests for Service in St. Louis, MO.”

## Presentations

**Fox, B.** and C. Prener. “Everyday Civic Participation: Sociospatial Variation in Non-Emergency Requests for Service in St. Louis, MO.” Poster for Geo-Resolution 2019 (April, 2019, St. Louis, MO). Also Presented at the Midwest Sociological Society’s Annual Meeting (April, 2019, Chicago, IL)

**Fox, B.** “Strength in Late Life: The Influence of Resilient Behavior on Longevity” Poster for the 19th Annual Friedman Lecture & Awards (April, 2019, St. Louis, MO).

## Software

### R Packages

2019      Prener, C. and **B. Fox** stlcsb: *Tidy Manipulation of Non-Emergency Service Request Data in the City of Saint Louis, MO.*, on CRAN and GitHub.

2019      Prener, C. and **B. Fox** censusxy: *Geocoding data.frames Using the Census Geocoder*, on GitHub.

2019      Prener, C. and **B. Fox** gateway: *Working with spatial data from St. Louis*, on GitHub.

## Teaching

2019	Teaching Assistant, Introduction to GIS	Saint Louis University
	Tutor, Introduction to Biostatistics	Saint Louis University
2018	Tutor, Introduction to Sociology	Saint Louis University