Branson Fox

Sociology Undergraduate   ✉ branson.fox@slu.edu
Saint Louis University   🖥 bransonf.com

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, Urban Sociology, Demography, Quantitative and Spatial Methods

Research Experience

2019 – Current	GIS Analyst	University of Missouri Saint Louis

– DESE Needs Assessment

2018 – Current	Data Scientist	Washington University in St. Louis

– Analysis of Sexually Transmitted Disease in St. Louis
– Cardiff Model of Violence Prevention
– Community Health Dashboard

2017 – Current	PrenerLab	Saint Louis University

– Software Development, Spatial Ecometrics

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

Refereed Articles

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" *Sexually Transmitted Diseases*

Articles 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

Community

2019	St. Louis Regional Data Alliance
	St. Louis Vacancy Collaborative
	Cardiff Committee
	OpenSTL