

Branson Fox

Sociology Undergraduate
Saint Louis University

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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

2019 – Current

GIS Analyst

University Missouri Saint Louis

– Early Childhood Education Evaluation

2018 – Current

Data Scientist

Washington University in St. Louis

– Analysis of Sexually Transmitted Disease in St. Louis

– Community Health Dashboard

– Cardiff Model of Violence Prevention

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

Refereed Articles

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”

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

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| 2019 | Prener, C. and B. Fox <i>stlcsb: Tidy Manipulation of Non-Emergency Service Request Data in the City of Saint Louis, MO.</i> , on CRAN and GitHub. |
| 2019 | Prener, C. and B. Fox <i>censusxy: Geocoding data.frames Using the Census Geocoder</i> , on GitHub. |
| 2019 | Prener, C. and B. Fox <i>gateway: Working with spatial data from St. Louis</i> , on GitHub. |

Teaching

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| 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

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| 2018 – Current | STL Vacancy Collaborative |
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