

Branson Fox

Sociology Undergraduate
Saint Louis University

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bransonf 

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, Demography, Quantitative and Spatial Methods, Open Source Software and Open Data

Research Experience

2018 – Current

Data Scientist

Washington University in St. Louis

– Analysis of Sexually Transmitted Disease in St. Louis

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

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

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| 2019 | Teaching Assistant, Introduction to GIS | Saint Louis University |
| | Tutor, Introduction to Biostatistics | Saint Louis University |
| | L’Avenir Program, Muslim Student Assoc. | Saint Louis University |
| 2018 | Tutor, Introduction to Sociology | Saint Louis University |