

Postdoctoral Research Position in Statistical Methods for Health Policy

The Department of Health Care Policy (HCP) at Harvard Medical School is seeking candidates for two postdoctoral research fellowships. The fellows will work with Dr. Laura Hatfield to develop and improve statistical methods for 1) causal inference in health policy and 2) missingness in administrative data. Possible research topics include nonlinear estimation and hierarchical comparison group creation for difference-in-differences; practical extensions and modifications to synthetic control methods; timeseries aggregation metrics for longitudinal designs; detecting and addressing “silently” missing diagnosis codes in billing claims; and portability of casemix adjustment methods across settings. Start date is flexible (Summer or Fall 2021).

The fellows will be part of the Health Policy Data Science (HPDS) Lab, a group of interdisciplinary scholars at Harvard and Stanford that Dr. Hatfield co-directs. The HPDS Lab fosters an environment of inclusion, curiosity, collaboration, and mutual support. We are deeply committed to the personal and professional success of all the Lab’s trainees, regardless of background, identity, or career aspirations.

Harvard Medical School’s Better Together Plan outlines the school’s vision of “increased representation of underrepresented, historically marginalized individuals such as URM, women, those who identify as LGBTQ, and individuals with disabilities — at all levels” of the organization. The specific themes of the plan are to develop people and infrastructure, build community and belonging, address culture and communication, and hold accountable and generate knowledge. If you have questions about the environment, please contact Dr. Hatfield directly at hatfield@hcp.med.harvard.edu.

Qualifications

Required: doctoral degree in statistics, biostatistics, epidemiology, or related quantitative field

Preferred: experience with causal inference in observational data or methods for handling missing data; strong programming skills, especially for simulation studies; and experience analyzing real data

Desired: excellent communication and writing skills

To Apply

Submit the following to jett@hcp.med.harvard.edu by December 15, 2020:

- A 1- to 2-page cover letter describing your research experiences, interests, and career goals
- CV
- Contact information for 2 references

Harvard University seeks to find, develop, promote, and retain the world’s best scholars. Harvard is an Affirmative Action/Equal Opportunity Employer. People from marginalized

groups—including minoritized racial and ethnic backgrounds, women, gender minorities, LGBTQ individuals, people with disabilities, and veterans—are encouraged to apply.