

## **Postdoctoral Research Positions in Statistical Methodology for Health Policy**

The Department of Health Care Policy (HCP) at Harvard Medical School is seeking candidates for multiple statistics postdoctoral fellow positions with anticipated start dates of Summer/Fall 2018 (flexible). Applicants should have an interest in developing methodological innovations grounded in health care and policy applications.

HCP is a multidisciplinary research department at the forefront of data science with faculty in medicine, health economics, and statistics. The specific positions involve working with statistics faculty on: (1) Bayesian methods and difference-in-difference designs [Laura Hatfield] (2) Machine learning methods for generalizability of observational and randomized studies [Sherri Rose] (3) Nonparametric methods for difference-in-difference designs [Sherri Rose] (4) Methods for causal inference using modern optimization [Jose Zubizarreta] (5) Bayesian methods for comparative effectiveness research [Sharon-Lise Normand] (6) Multivariate analysis and sample surveys [Alan Zaslavsky]

### **Qualifications:**

Doctoral degree in Statistics, Biostatistics, Computer Science, or related field. Familiarity with causal inference for observational data; strong programming skills, especially for simulation studies; and experience analyzing real data is preferred. Excellent communication and writing skills desired.

### **Additional Information:**

Interested individuals should apply once, emphasizing their qualifications for and interest in a specific position or positions. Applications will be considered jointly to identify the best match of candidates to positions. To apply, submit a cover letter describing your research interests, a current CV, and have at least two references send letters to [chambers@hcp.med.harvard.edu](mailto:chambers@hcp.med.harvard.edu).

Harvard University seeks to find, develop, promote, and retain the world's best scholars. Harvard is an Affirmative Action/Equal Opportunity Employer. Applications from women and minority candidates are strongly encouraged.