Postdoctoral Research Position in Causal Inference, Harvard School of Public Health

Description:

This postdoctoral position is in the Department of Biostatistics of the Harvard School of Public Health, with Judith Lok. Her research develops causal inference methods with applications in HIV/AIDS research. She has developed and applied a new version of Structural Nested Mean Models (SNMMs) to investigate the effect of treatment on a time-varying outcome in observational studies. SNMMs lead to a large class of unbiased estimating equations for the parameters. This leads to interesting opportunities, for example for optimal estimation and for testing model fit. There are several open methodological problems in this area that she would like you to address. Judith wants to use the AIEDRP database of HIV positive patients with acute and early infection to illustrate the new methods.

Qualifications:

PhD in biostatistics, statistics, or mathematical statistics. Dr. Lok is looking for a postdoc with special interest, and preferably experience, in causal inference statistical methods development. Experience programming estimators is required. Experience with HIV/AIDS is not required.

Additional Information:

Please email a cover letter describing research interests and experience along with a CV and names of three references to Judith Lok: jlok@hsph.harvard.edu or mail to: Postdoc Search, c/o Vickie Beaulieu, Department of Biostatistics, Harvard School of Public Health, 655 Huntington Avenue, Building 2, 4th floor, Boston, MA 02115; vbeaulie@hsph.harvard.edu. In your application, please reference “Causal Inference Postdoc with Judith Lok”. Please email questions about the position to Vickie Beaulieu AND Judith Lok. An interview, possibly with Skype, is part of the selection procedure.

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.

Information on resources for career development and work/life balance at HSPH can be found at: http://hsph.me/resources-career-development-and-work-life-balance.