

HARVARD UNIVERSITY
DEPARTMENT OF STATISTICS
FAS CENTER FOR SYSTEMS BIOLOGY



Postdoctoral positions are available in the Department of Statistics at Harvard University, under the supervision of Professor Edo Airoldi.

We are seeking outstanding postdoctoral candidates from statistics and machine learning to work on several projects, including but not restricted to: (A) theory and methods for estimation and testing with exchangeable graph models; (B) design and analysis of experiments with interfering units; (C) inference from non-ignorable sampling designs; (D) geometry of the inference in ill-posed inverse problems; (E) modeling and inference in high-throughput biology. More details on current research projects are available at www.fas.harvard.edu/~airoldi/.

Edo Airoldi's research group offers a highly energetic environment for working on a wide range of challenging methodological problems in statistics, including applications. We work closely with collaborators at the Harvard, Yale, MIT, Princeton, Duke, the Broad Institute, the University of Chicago, and the University of Cambridge to address problems for which a solution would change the way practitioners go about designing experiments and analyzing data, and successful candidates will have opportunities to contribute to collaborative projects. Cambridge is an exciting place with rich intellectual, cultural and recreational resource. We offer competitive salary and benefits.

The ideal candidates should have deep knowledge of one or more areas of statistical theory, and a strong track record of research in statistical methodology, with an interest toward applications in biology, in the social sciences, or in the computer and information sciences, evidenced by high quality publications; be able to communicate and work with collaborating student/postdocs and external PIs; and be able to carry out research and develop ideas independently. Programming skills and solid math background are also required.

How to apply. Send curriculum vitae, contact information (phone/email) for three references, a research statement, and 1-3 publications/pre-prints to Edo Airoldi (airoldi@fas.harvard.edu).