



MASSACHUSETTS
GENERAL HOSPITAL



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

Biostatistics at Massachusetts General Hospital

The **Massachusetts General Hospital (MGH) Division of Clinical Research** is seeking qualified applicants with doctoral degrees in Biostatistics or a related field for a faculty level position in Biostatistics. Successful candidate(s) will have excellent oral and written communication skills, a strong methodological background, and interest in collaborating with a team of clinical researchers at MGH and other Harvard-affiliated institutions. Academic appointments at the rank of Instructor, Assistant or Associate Professor at Harvard Medical School will be within the Department of Medicine. Faculty are involved in teaching of medical students, residents, and fellows.

Areas of particular interest include one of the following:

- (1) Observational data including statistical expertise in causal inference, longitudinal data analysis, hierarchical modeling, Bayesian methods, machine learning and missing data methods;
- (2) Precision medicine and translational science including knowledge of deep learning methods, regularization techniques and causal inference with experience in genomics, neuroimaging, electrophysiology or other sources of high-dimensional data;
- (3) Clinical trials including interest in multi-site phase I – III trials, novel study designs (including group-sequential and adaptive designs), Bayesian methods, survival analysis and longitudinal modeling.

MGH is the largest research hospital in the United States with an annual research budget of over one billion dollars. The mission of the Biostatistics Center at MGH is to engage in trans-disciplinary collaborations involving quantitative methods in public health and medicine. The Biostatistics team includes over 40 members (19 faculty) who are deeply embedded in collaborative research projects across more than twenty different application domains including Anesthesia, Cancer, Cardiology, General Medicine, Global Health, Neurology, Pediatrics, Psychiatry, Pulmonary and Critical Care Medicine and Surgery. Individuals with an interest in neuro-psychiatric and neuroimaging research are encouraged to apply.

Interested candidates should send a cover letter, research statement, three potential referees and Curriculum Vitae to mghbiostat@partners.org. Review of application will begin March 1, 2021 and continue until the position is filled.

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law.