Duties and responsibilities: A postdoctoral position is available in the Division of Biostatistics and Bioinformatics at the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins. We are seeking highly motivated individuals to develop and apply novel statistical methods for evaluating diagnostic tests and biomarkers, identify sources of misdiagnosis and eliminate preventable patient harms from diagnostic errors. The successful candidate will join a multidisciplinary team of researchers who focus on medical diagnosis, precision medicine and electronic health records, with the primary mentor from biostatistics. The main responsibility of this position is statistical methodology development and its computational implementation. The successful candidate will also have the opportunity for collaborative projects with faculty in the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins and in the Armstrong Center for Diagnostic Excellence on projects related to diagnostic accuracy. Our research team has database and visualization experts to help preprocess medical care data and to potentially present the statistical model in an interactive or dynamic fashion. The successful candidate is encouraged to take advantage of these resources.

Qualifications: Candidates should have a strong quantitative background with a doctorate in biostatistics, statistics, or a related discipline. Strong programming skills, ideally in R, are required. Experience in statistical methods for medical diagnosis, survival analysis and electronic health records are preferred.

Application Information: Please send your CV, letter of intend including a brief summary of past/current research, writing sample if available (published or arxiv/biorxiv paper) and three reference letters to Dr. Zheyu Wang at wangzy@jhu.edu

Salary Range: Competitive and depends on research experience.

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