



## Postdoctoral Fellowship in Biostatistics at Stanford University

Stanford University School of Medicine  
Quantitative Sciences Unit  
Stanford Center for Biomedical Informatics Research

Applications are invited for a postdoctoral fellow position to join Dr. Summer Han's research group in the Stanford Center for Biomedical Informatics Research at Stanford University. This position emphasizes developing and applying novel statistical methods for analyzing large electronic health records (EHR) data for patients with cancer or neurological diseases (e.g., Alzheimer's disease). Specific areas of interest include but are not limited to (1) machine learning methods for analyzing time-to-event outcomes under competing risks, (2) dynamic risk modeling for high-dimensional survival data using longitudinal features, (3) addressing selection and representativeness bias in EHRs; (4) causal inference methods for handling bias due to dependent censoring or competing risks; (5) missing data imputation for longitudinal EHR data, or (6) target trial emulation.

We seek an individual with strong statistical and computing backgrounds. Successful applicants should have a strong background in statistics with a Ph.D. degree in statistics or biostatistics (or related fields) and hands-on experience in algorithmic implementation, statistical programming, and data manipulation. Strong programming skill in R is required, and experience in SQL or other databases would be welcome.

Please email a cover letter, CV, a short description of research interests, and contact information of three referees to:



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Date of posting: February 17, 2023

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty and academic staff. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the University's research, teaching and clinical missions.