Yale School of Medicine: Postdoctoral opportunity

This postdoctoral position up to 3 years dependent upon meeting timeline goals is to assist in methodological research specifically focuses on methods to develop individualized Absolute Risk calculators for competing patient-centered outcomes (PCO) (i.e. outcomes deemed important by patients) and patient reported outcomes (PRO) (i.e. outcomes patients report instead of physiologic test results). This position is to work under the supervision of Dr. Heather Allore, Director of the Biostatistics Core at the Yale Program on Aging. We posit that the heterogeneity of treatment effect on patients with multiple chronic conditions likely depends upon the patients' individual characteristics and coexisting conditions. The absolute risk of an outcome is the probability that a person receiving a given treatment will experience that outcome within a pre-defined interval of time, during which they are simultaneously at risk for other competing outcomes. This allows for determination of likelihood of a given outcomes with and without a treatment.

Candidates must have a thorough grasp of basic and advanced analyses, including competing risk, experience programming in SAS, and a doctoral degree in statistics, biostatistics, computer science or analytically related discipline. Experience with propensity scores, multiple imputation, simulations, and a track record of publications are desired. This is a three year position and salary will depend on qualifications and meeting timeline goals. Considerations of applications will continue until the position is filled.

This position would require SAS and web-based programming to create a methodology toolkit and dissemination via demonstration web application.

Qualification include a PhD or equivalent doctoral degree in analytic sciences with skills in data management, SAS programing, and web and application based programming.

Applicants should submit a cover letter, CV, and references to: Dr. Heather Allore
Heather.Allore@yale.edu

Applicant may start as early as possible, and the position will remain open until filled.