Postdoctoral Associate Position in Pragmatic Trial Designs

Please follow the link to learn more about the Department of Biostatistics at Brown University, Brown University Center for Gerontology and Healthcare Research, the IMPACT Collaboratory and the Marcus Institute for Aging Research.

https://www.brown.edu/academics/public-health/biostats/home
https://www.brown.edu/academics/public-health/cghr/home
https://impactcollaboratory.org/
https://www.marcusinstituteforaging.org/

Description:

An exciting full-time opportunity as a Postdoctoral Associate exists in Brown University Department of Biostatistics and at the Center for Gerontology and Healthcare Research. This candidate will be mentored by Drs. Roee Gutman, at the Brown University School of Public Health and Thomas Travison at the Marcus Institute for Brain Research. The position is for 24 months and opportunities for travel to conferences and collaborating institutions are available.

We are seeking a highly motivated researcher with an interest in pragmatic cluster randomized trials to work on methodological development in the designing and analyzing adaptive pragmatic randomized trials to address non-adherence and proxy responses. Many pragmatic cluster randomized trials suffer from non-adherence at multiple levels. Currently, there are limited methods to address non-adherence in such trials at the analysis stage under restrictive assumptions. An important area of research involves designing trials that address possible non-adherence and would allow for less restrictive assumptions. The focus of this research will be to develop adaptive trials designs that would allow for adaptation of the intervention to address non-adherence during the same trial or in follow-up trials. We also intend to develop analysis methods to address non-adherence in pragmatic trials. Lastly, we would like to consider pragmatic trials when patients cannot report their outcomes and only proxy responses are available for them. These are scenarios are common for people with dementia. The position is supported by the National Institute on Aging (NIA) IMbedded Pragmatic Alzheimer’s disease (AD) and AD Related Dementias (AD/ADRD) Clinical Trials (IMPACT) Collaboratory with additional mentorship from faculty members at Brown University, Yale University, Harvard University and NYU School of Medicine. Principal goals of the NIA IMPACT Collaboratory are to develop and disseminate research methods and best practices in the conduct, dissemination and implementation of embedded pragmatic clinical trials (ePCT) for people living with dementia and their caregivers. The Postdoctoral Associate will have the opportunity to work with a variety of mentors in the IMPACT Collaboratory and world leaders in pragmatic and cluster randomized trial designs.

Position Qualifications:

Qualifications are a PhD in statistics or biostatistics or relevant areas, strong programming skills, as well as good written and oral communication skills. Prior course work in study design, clinical trials, causal inference, adaptive design and Bayesian analysis are preferred. Strong preference will also be given to individuals who are highly motivated to work in pragmatic trials and/or AD/ADRD care.
Application:

To apply, please submit a CV and copies of two most relevant publications by email to roee_gutman@brown.edu. Please include contact information for three references and in your cover letter, summarize your relevant research experience and indicate your interest in the research area as well as the date you will be available to begin. Applicants must have completed all PhD requirements prior to starting work. Scientific questions regarding this position should be directed to Dr. Gutman at roee_gutman@brown.edu, Thomas Travison at TGT@hsl.harvard.edu. Applications will be considered as they arrive.

Brown University is an Affirmative Action/Equal Opportunity Employer. Brown University values diversity among its students, staff, and faculty and strongly welcomes applications from women, persons with disabilities, protected Veterans, and underrepresented minorities.