

Postdoctoral Fellowship in Statistical Modelling and Computation for Bayesian Adaptive Trials

Department of Epidemiology and Biostatistics
McGill University

Applications are invited for a postdoctoral position in Statistical Modelling and Computational Methods for Design and Analysis of Bayesian Adaptive Trials. The successful applicant will develop statistical models and computational techniques to be applied in a real clinical trial design setting.

This work will be conducted under the supervision of Dr. Shirin Golchi. The research will take place in an interdisciplinary environment providing the successful candidate with hands-on collaborative research experience in trial design.

This is a one-year (12-month) position with the possibility of renewal. The position is available immediately with a preferred start date of May 1, 2023. The salary will be 70,000 CAD per year plus [benefits](#). Additional funding is also available to support research related travel, including collaborative meetings and the dissemination of research results at meetings, conferences or workshops.

Qualified applicants should have completed a doctoral degree in statistics or biostatistics. Other required qualifications include demonstrated research abilities in statistics, strong communication and presentation skills, experience in Bayesian statistics and computation, and proficiency in statistical and Bayesian software. Experience with clinical trials is not a requirement but interest in adaptive clinical trials is important.

Applications will be accepted by email. To apply, please submit the following items as pdf files to Dr Shirin Golchi (Shirin.golchi@mcgill.ca):

1. A cover letter that outlines qualifications and experience, interest in the position, and available start date;
2. An up-to-date curriculum vitae (CV) that includes contact information for three referees and explains any career interruptions;
3. A list of graduate courses taken, and grades obtained;
4. Up to three examples of representative research publications (preprints are acceptable).

Consideration of applications will begin on December 1st, 2022 and will continue until the position is filled. We thank all applicants for their interest, but only those selected for an interview will be contacted.