Postdoctoral Fellowship in Advancing Spatial Survival Models with an Application to Cancer Data

We are seeking applications for a postdoctoral opportunity in biostatistics, focusing on the advancement of spatial survival models with an application to cancer. Our project aims to introduce an innovative cure rate survival model for spatially correlated cancer data, enhancing individual patient outcome predictions and revealing geographic patterns in survival rates. This research informs more effective healthcare resource allocation and interventions in specific regions.

Research Team

Our collaborative research team, led by Dr. Mahmoud Torabi and Dr. Cindy Feng, brings together diverse expertise in spatial and survival models, cancer epidemiology, and public health. Dr. Sara Israels, a Pediatric Oncologist with extensive experience, contributes clinical analysis and epidemiological knowledge, ensuring an interdisciplinary and comprehensive understanding of the research domain.

Responsibilities

As a postdoctoral fellow, the successful candidate will benefit from a tailored approach to teaching, training, and education. Opportunities include teaching undergraduate courses, participating in the SSC case study competition, and involvement in a Canadian Statistical Sciences Institute (CANSSI) summer training program. Regular meetings, interdisciplinary collaboration, and professional development workshops will contribute to a well-rounded experience.

Application Process

Interested individuals are invited to submit their CV, a cover letter detailing their research interests and relevant experience, and contact information for three references to:

Dr. Mahmoud Torabi (Email: Mahmoud.Torabi@umanitoba.ca)
Dr. Cindy Feng (Email: cindy.feng@dal.ca)

Screening Process

Screening of applications will commence immediately. The funding and recruitment process will be through the CANSSI Distinguished Postdoctoral Fellowships. We appreciate all applicants in advance; only those selected for further consideration will receive information about the interview process.

We welcome highly motivated individuals with a passion for cutting-edge research at the intersection of biostatistics and cancer epidemiology. Join us in contributing to ground-breaking advancements in healthcare.