Applications are invited for a postdoctoral position in the area of **Modelling, Health Economics, and Disease Dynamics** at the Agent-Based Modelling Laboratory (ABM-Lab), York University. The successful candidate will be expected to play a major role in multi-institutional projects. The research will use computational modelling and simulations to address significant public health challenges and evaluate effectiveness and cost-effectiveness of novel preventive and control strategies currently being developed as part of public health decision-making discussions. Under the supervision of Prof. Seyed Moghadas the successful applicant will work collaboratively with other members of ABM-Lab and investigators. The successful candidate will also be provided with opportunities to freely pursue research questions of interest.

Applicants should have significant experience for developing computational modelling, and conducting data analysis, health economics, and statistical inference. The successful candidate will have excellent English language communication skills (both written and verbal). Evidence of previous work in an interdisciplinary research environment and writing scientific articles would be considered a major asset. The candidate will be responsible for summarising outcomes of the projects for publications in the form of scientific articles.

Applicants must be within 3 years of having completed their PhD in a field that is relevant to the research project (e.g., health economics, applied mathematics, computational epidemiology or computer science). The initial appointment will be for one year beginning November 1, 2019, but no later than January 1, 2020. The salary will be commensurate with the experience of the candidate in the range of $38,000 to $47,000 CDN (including benefits). Extension of the tenure to the second year is possible pending satisfactory performance and funding availability.

Review of applications will begin immediately and continue until the position is filled. Applicants must submit a cover letter, curriculum vitae along with complete contact information, copies of 2 recent publications (relevant to the project), a summary (250 words max) of research experience and its relevance to the objectives of this position, and arrange for two letters of recommendation to be sent directly to abmlab@yorku.ca. We appreciate receiving applications; however, only selected applicants will be contacted. Incomplete applications will not be considered.