

Two-Year Post-Doctoral Fellowship in the Department of Statistics and Actuarial Science at the University of Waterloo

The Department of Statistics and Actuarial Science at the University of Waterloo is seeking applications for a Post-Doctoral Fellow for a two-year appointment. The Fellow will be expected to develop, evaluate and apply innovative statistical methods for growth curve modelling involving physical measurements and measures of cognitive function. The Fellow will work under the supervision of Professor Richard Cook, with additional guidance and mentoring from Professor Louise Ryan at University of Technology Sydney and be part of an active interdisciplinary team of neuroscientists and epidemiologists. The project involves the synthesis of data from a series of NIH-funded cohort studies examining the relation between prenatal alcohol exposure and child growth and development. Statistical methods of interest involve use of hierarchical regression models, finite mixture models, propensity score modelling and causal inference. Experience in some of these areas would be helpful but not required. Qualifications include a doctoral degree in Biostatistics or Statistics. Strong programming skills are required.

The position can commence July 1st, 2022. Interested individuals are encouraged to contact Richard Cook (rjcook@uwaterloo.ca) with an application package including a cover letter describing your interests and fit for this position, transcripts, and curriculum vitae.