PERMF | FMRSP: Dr. Tiffany Locke

Superviseur | Supervisor: Dr. Peter Tanuseputro

Titre du projet | Project Title: The association between neighbourhood-level socio-economic status and child maltreatment in Ontario: A population-based study

Déscription du projet | Project Description: The aim of this project was to assess the trends of severe child maltreatment in Ontario. We also examined the socio-economic characteristics of neighbourhoods that are associated with higher rates of child maltreatment. Cases of child maltreatment across Ontario were identified from hospital admissions and emergency room visits between 2003 and 2017 using ICES administrative data. Socio-economic data were derived from the Ontario Marginalization Index, an index that is composed of data from multiple sources including Statistics Canada, (census data), ICES, and other sources. The analyses included rate calculations, descriptive statistics, and multivariate regression models. Overall, we found that rates of child maltreatment have remained relatively stable over the study time period. Females were generally at higher risk of most types of child maltreatment. Finally, after controlling for other variables, social marginalization measured at a neighbourhood level was a significant predictor of higher rates of child maltreatment, for all types of maltreatment. In particular, neighbourhood instability (a composite measure of factors such as the proportion of unowned buildings and the proportion of the population who moved in the past 5 years) and material deprivation (including factors such as education, unemployment, and income) had the strongest effect on the risk of child maltreatment, with incidence rate ratios ranging from 1.21 to 2.85 for the most marginalized neighbourhoods.

Dre Locke est lauréate en 2019 du Prix Dr Campbell T. et Pat Lamont pour l'excellence en projets d'érudition des résidents en médecine familiale du Département de médecine familiale de l'Université d'Ottawa. Dre Locke a été aussi sélectionné par l'Université d'Ottawa pour le Prix de la recherche à un résident co-parrainé par la SCRC/IRSC, le Prix de recherche pour les résidents en médecine familiale du CMFC et le Prix d'érudition pour les résidents en médecine familiale du CMFC.

Dr. Locke is the 2019 recipient of the Dr. Campbell T. and Pat Lamont Award for Excellence in Family Medicine Scholarly Projects from the University of Ottawa Department of Family Medicine. Dr. Locke was also the uOttawa nominee for the University of Ottawa Faculty of Medicine CSci/CIHR Excellence in Resident Research Award, the CFPC Research Award for Family Medicine Residents and the CFPC Family Medicine Resident Award for Scholarly Achievement.