

CICC Postdoctoral Research Fellowship
Final Report

Over the past year, I worked with Dr. Carolyn Côté-Lussier on the project titled “An investigation of the role of the stress response system and cortisol as intermediaries between environments adverse effects of early childhood and quality of life and adjustment to adulthood”. Over the course of the year I have had several accomplishments.

Specifically, within the project I have done the following:

- Obtained and familiarized myself with two different longitudinal datasets: QUALITY, and the CLRP.
- I obtained spatial data from CANUE and it is currently being prepared to be incorporated into the dataset for the CLRP project.
 - I have been learning how to use spatial data by exploring the available variables and through auditing a spatial analysis class at INRS and by consulting with colleagues that are experts in this domain.
- For the data pertaining to the QUALITY project, I have been exploring ways to create profiles for children that would incorporate anxiety and depression indicators as well as cortisol responses.
 - This was a new technique that required learning of new features in the Mplus software
 - I will then be taking these profiled and putting them into regression models assessing the relations between them and physical environment measures
- Next, I will be performing a mediation or moderation analysis for the data in the CLRP project. This will allow me to assess the relation between childhood neighbourhoods (physical and socio-economical), cortisol responding, and adult outcomes such as educational attainment, and criminal charges.

Manuscripts in prep:

Kennedy-Turner, K., Côté-Lussier, C., McGrath, J.J., Daniel, M., Van Hulst, A., Henderson, M., & Barnett, T. [In prep]. Youth distress profiles: Combining physiological and psychological components of distress and how these profiles relate to neighbourhood disorder and disadvantage. *To be submitted to Health & Place* (subject to change).

Kennedy-Turner, K., Côté-Lussier, C., Serbin, L.A., Stack, D.M., Ledingham, J., & Schwartzman, A. [In prep]. *Title and journal TBD.*

Additional publications completed during the fellowship period:

1. Véronneau, M-H., Serbin, L.A., **Kennedy-Turner, K.,** Stack, D.M., Ledingham, J.E. & Schwartzman, A.E. (2021). Promoting postsecondary education in low-income youth: The moderating role of sociobehavioral and academic skills in the context of a major educational reform. *Journal of Youth and Adolescence*. <https://doi.org/10.1007/s10964-021-01541-w>

2. Kasprzyk A., Santaguida M., & **Kennedy-Turner K.** (2022). Cannabis and Sexual Behavior: Focus on Men Who Have Sex with Men. In: Lykins A.D. (eds) Encyclopedia of Sexuality and Gender. Springer, Cham. https://doi.org/10.1007/978-3-319-59531-3_106-1
3. **Kennedy-Turner, K.**, Helly, D, & Côté-Lussier, C. [R&R]. A Snapshot of hate: Subjective psychological distress after a hate crime, an exploratory study on victimization of Muslims in Canada. *Under review at the Journal of Muslim Mental Health.*
4. **Kennedy-Turner K.**, Santaguida M., & Szczerbickj, K. [R&R]. Gender Schema Theory: Culture and Society as proximate causes for Gender Identity. *To be published* In: Lykins A.D. (eds) Encyclopedia of Sexuality and Gender. Springer, Cham.

In addition to the above, I was also part of a team that was awarded the following grant:

Canadian Institutes of Health Research (2022-2023)

Assessing the broad impacts of neighbourhood crime on the mental health of marginalized and vulnerable populations (Nominated PI: Côté-Lussier, C.; Co-PI: Daniel, M.; Co-Investigators: Barnett, T., Benhadjoudja, L., Bradford, B., Carmichael, J., Kakinami, L., **Kennedy-Turner, K.**, Knudby, A., Tabri., N.) Total: \$60,000

Activities within academia but not necessarily within the research project:

Reviewer activities:

January 2022 – **Abstract reviewer** & (Research, policy, and prevention), Society for Prevention Research (SPR) 2022 conference

March 2022 - **Sub-committee member** (Research, policy, and prevention), Society for Prevention Research (SPR) 2022 conference

September 2021 – **Abstract reviewer**, International Union for Health Promotion and Education (IUHPE) 2022 conference

Teaching activities:

January 2022 – April 2022 – **Lecturer (Evolutionary Foundations of Psychology)**, Concordia University, Montreal, QC

July 2021 – August 2021 – **Lecturer (Evolutionary Foundations of Psychology)**, Concordia University, Montreal, QC

In the months following the fellowship I will be wrapping up my FRQSC funded project. I interviewed for a postdoctoral fellow position and I await the results of this interview. I will also be applying to government positions as well as editor and/or mentoring positions in various companies.
