Postdoctoral Fellowship in Neonatal Pain

**Host Institution:** O.U.C.H. Lab, York University; [www.yorku.ca/ouchlab](http://www.yorku.ca/ouchlab)

**Position Location:** Toronto, Ontario, Canada.

**Position Description:** The O.U.C.H. Lab is leading a 1.89-million dollar Collaborative Health Research Project with funding by all three Canadian Funding Councils (CIHR, NSERC, and SSHRC). The overall goal of this grant is to innovate a new infant pain assessment methodology for NICUs around the world by synergizing the expertise of an internationally renowned team of leaders from two countries (Canada, UK), two hospitals (Mount Sinai [Toronto, Canada]; University College London Hospital [UK]), and five research institutions (York University, University College London, McMaster University, Sick Kids Research Institute, and University of Calgary). Building on decades of research, PI Dr. Rebecca Pillai Riddell is leading an energetic team of behavioural and biological scientists, mathematicians, computer scientists, & legal and health professionals to develop a machine learning algorithm that will use biological and behavioural data to better discriminate infant pain-related distress responding. This project will also explore ethical and social-cultural aspects of computer-assisted decision-making in the NICU. The Postdoctoral Fellow will be expected to help lead the Canadian team’s data collection efforts in beautiful Toronto, Canada, in addition to building up their own innovative independent expertise synergizing disciplines integrated within the grant. There will be annual expectations regarding publication leadership, conference travel, and meetings that will require travel to the UK. We thank applicants in advance for their time, but we will only contact shortlisted applicants.

**Qualifications:**
- A Ph.D. in Psychology, Biology, Nursing or a related field by start date of fellowship.
- EEG experience (*formal coursework in neuroscience, EEG data collection and EEG analysis is preferred*) is required for all non-nursing postdoctoral applicants.
  - If a Nursing applicant, registration as a neonatal nurse in Canada is strongly preferred
- Motivated to commit to a multi-year project is required (minimum 2 -year commitment)
- Experience with early infant development would be welcomed
- Strong publication record demonstrating leadership in peer-reviewed journals

**Submission Instructions:**
Please submit an application package to ouchlab@yorku.ca including:
- Cover letter (no more than 1 page that clearly addresses the qualifications listed above and interest in project)
- CV with names of 3 academic references that we can contact
- 2 sample publications
- Academic Transcripts (graduate and undergraduate; unofficial is fine)

**Start Date:** July 1, 2021 (negotiable)