

A position for a Msc student is available in Dr. Jessica Head's laboratory at McGill's Macdonald campus (a different position such as technician, PhD student, or post-doc may also be possible). This student will investigate the effects of early life exposure to polycyclic aromatic hydrocarbons (PAHs) in developing zebrafish embryos. We are interested in how DNA methylation regulates the molecular response to PAHs early in life, and how this translates to effects on adult fish later in life. The project will be primarily lab-based, but there may be opportunities to translate findings to the field.

Dr. Head's research focuses on ecotoxicology. In particular, we study genetic and epigenetic factors modulating responses to environmental contaminants in fish and birds. For more information, consult: www.ecotoxlab.weebly.com email: jessica.head@mcgill.ca.