Graduate Student Opportunity in

6PPD Ecotoxicology

Project Description

Ecotoxicologists at Queen's University and Environment and Climate Change Canada (ECCC) have come together to better understand the environmental occurrence and adverse effects of the tire antioxidant 6PPD in freshwater ecosystems. Vehicle tires commonly contain the chemical 6PPD to prevent them from breaking down, but recent scientific discoveries suggest this chemical is readily lost from tires and transformed into breakdown products that are toxic to some fish species.

With funding from ECCC, the Queen's team is leading an evidence review to synthesize the state of the science on 6PPD in the freshwater environment. The team will follow guidelines from The Collaboration of Environmental Evidence. The successful student will join the evidence review teamiHu 2Tw 2mMethodical thinking and strong writing skills

- Team-oriented & committed to equity, diversity, inclusion

Position Details

The successful candidate will enroll in a graduate program (MSc or PhD) in the Department of Biology or School of Environmental Studies at Queen's University in Kingston, Ontario, Canada. The student will be co-supervised at Queen's by Dr. Diane Orihel (Associate Professor at Queen's University; Director of QE3 Research Group) and Dr. Stacey Robinson (Adjunct Professor at Queen's University, Research Scientist at Environment and Climate Change Canada). Queen's University offers graduate students a competitive guaranteed stipend (consisting of a Queen's Graduate Award, Supervisor's Contribution, and Teaching