

Seeking PhD Candidates for Microplastics Research

(Research may begin anytime in 2022)

The **Drinking Water Research Group (DWRG)** at the University of Toronto represents one of the leading teams in drinking water and related microplastic research. As such, we are currently seeking qualified potential PhD candidates to conduct research regarding the following:

- 1) Optimization of water treatment technologies for the removal of micro- and nanoplastics;
- 2) Quantification and characterization of potentially toxic additives present in micro- and nanoplastics;
- 3) Quantification and characterization of potential chemicals of concern in the environment that may be adsorbed by microplastics;
- 4) Identification of surrogates for use to indicate the presence/removal of microplastics; and
- 5) Determination of potential health impacts associated the consumption of micro- and nanoplastics.

NOTE: Interested candidates must have previous microplastic research experience as well as an undergraduate or graduate degree in Civil/Environmental/Chemical Engineering. Preference will be given to those having previous publications regarding microplastics as well as experience in Raman or FTIR spectroscopy, GC/MS analyses. Research may begin anytime in 2022.

If you satisfy these requirements and are interested, please send a copy of your CV, transcripts as well as microplastic-related publications/reports that illustrate your previous experience to:
robert.andrews@utoronto.ca

