



THE UNIVERSITY OF BRITISH COLUMBIA

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Position Title: Postdoctoral Researcher

Location: University of British Columbia, Vancouver, BC, Canada

Our team at the University of British Columbia is seeking a postdoctoral researcher in environmental engineering with expertise in LC-MS/MS analytical techniques for PFAS and/or nitrogenous byproducts in water. The successful candidate will join the research group of Dr. Rachel Scholes and will contribute to the project entitled “Occurrence of per- and poly-fluoroalkyl substances (PFAS) and their removal using novel regenerable ion exchange resins” in collaboration with Prof. Madjid Mohseni (Chemical Engineering, UBC), Prof. Benoit Barbeau (Civil Engineering, Polytechnique Montreal), Prof. Sébastien Sauvé (Chemistry, Université de Montréal), and research partners in the water treatment sector.

The postdoctoral researcher will work with a team of graduate and postdoctoral researchers focused on effective removal of PFAS from drinking water, and will be expected to use advanced mass spectrometry-based analytical techniques, prepare manuscripts and research reports, and present findings at national and international professional conferences.

The successful candidate will have the demonstrated ability to publish research in high quality journals and meet deadlines; effective oral and written communication skills; and a commitment to promoting diversity, equity, and inclusion. Applicants must have experience with contaminant quantification using LC-MS/MS and will be expected to develop and validate methods using high-resolution mass spectrometry (Orbitrap LC-MS/MS). A Ph.D. in Environmental Engineering, Chemical Engineering, Environmental Chemistry, or a related field is required. Experience with high resolution mass spectrometry is desired, but not required.

The postdoctoral researcher will have access to mentorship and resources from Dr. Scholes, Dr. Mohseni, Dr. Barbeau, and Dr. Sauvé. We strive to create an inclusive working environment in which researchers from diverse backgrounds and with diverse goals can thrive.

Interested individuals should submit a single pdf file that includes a cover letter that outlines the applicant's research and career goals, their curriculum vitae, a copy of one representative research publication, and contact information for three references to Dr. Scholes ([rachel.scholes@ubc.ca](mailto:rachel.scholes@ubc.ca)).

All applicants will be considered up to Nov 20, 2022, and may be considered beyond this date until the position is filled. The start date for the position is expected to be between January-March 2023. Funding for the position is available for up to two years, contingent on performance during the first year. The position may be extended after the initial two years, subject to the availability of funds. The base salary for this position is \$50,000 CAD per year, plus benefits.