

## **Graduate Positions Available**

Graduate student positions (one MSc and one PhD) are available in the Departments of Microbiology and Soil Science at the University of Manitoba, Winnipeg, Canada. The successful applicants will be conducting microbiological and chemical analysis of drinking water samples from First Nations Communities in Manitoba. Applicants will also be testing the water samples for the presence of antibiotic resistance markers. The research will include trips to different communities participating in the study for collecting samples and knowledge translation.

The project is funded by CIHR and NSERC CREATE H2O Program for First Nations Water and Sanitation Security. Information about CREATE H2O program can be found here: [www.create-h2o.ca](http://www.create-h2o.ca)

Candidate should have a BSc or MSc degree in microbiology or biological science with a demonstrated strong academic performance. Any prior research experience will be an asset but a background in molecular biology, water analyses and/or community-based participatory research is preferred. Students that identify as Indigenous are particularly encouraged to apply, but we welcome applications from all students.

The PhD student stipend is \$21,000/yr which is guaranteed for three years, and that for the MSc student is \$17,500/yr which is guaranteed for two years.

Interested applicants should contact Dr. Ayush Kumar ([Ayush.Kumar@umanitoba.ca](mailto:Ayush.Kumar@umanitoba.ca)) or Dr. Annemieke Farenhorst ([Annemieke.Farenhorst@umanitoba.ca](mailto:Annemieke.Farenhorst@umanitoba.ca)) with a cover letter and a detailed curriculum vitae. Their websites are [www.ayushkumarlab.com](http://www.ayushkumarlab.com) and <http://cwse-prairies.ca/> respectively.