

One MSc. graduate student position is available with Dr. L Mutharia and with the Fish Health Laboratory (MCB) to study *Flavobacterium branchiophilum* and Bacterial Gill Disease.

Flavobacterium branchiophilum is a long, slender rod that forms clumps on the gills of young salmonid fish and impedes oxygen exchange.

This graduate research project will use molecular biology and genetic approaches to characterize isolates from Ontario fish and assess virulence factors and mechanisms of association with fish gills. The graduate student will work with Dr. Lucy Mutharia and in close association with the monitoring program of the Fish Health Laboratory and Dr. Roz Stevenson.

The position is immediately available and will remain open until filled. Direct inquiries to Dr. Mutharia, lmuthari@uoguelph.ca

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