

# Biology Seminar



Western  
UNIVERSITY · CANADA

12:30 - 1:30 pm  
Friday, March 17, 2023  
via Zoom



## **Amy Deacon**

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## **The Freshwater Biodiversity of Trinidad & Tobago: A Model Species in a Model System**

Much of my research revolves around Trinidad's Northern Range streams and their inhabitants, and what these can teach us about aquatic ecology, invasion biology and patterns of biodiversity. I will first introduce some of my work on Trinidad's most famous aquatic species – the guppy (*Poecilia reticulata*), and how we can use this well-studied little fish to better understand the ecology of invasive species. Then I will broaden the scope to speak about my work on the fish, invertebrate and diatom assemblages within Trinidad's streams and how studying this system has added to our understanding of temporal changes in biodiversity.

