

# Biology Seminar



Western  
UNIVERSITY · CANADA

12:30 - 1:30 pm  
Friday, January 27, 2023  
via Zoom



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## Taking a One Health approach to the recovery of endangered bats

Bats are a remarkably diverse group, with over 1,400 species described to date, and provide a range of ecosystem services around the globe. In Canada, bats are under threat from an emerging infectious disease called white-nose syndrome that caused catastrophic declines in some species, while other species are vulnerable to collisions with wind turbines. These are obvious threats that can drive population decline, which are relatively well-understood but challenging to mitigate. However, bats also face a range of other threats that are less clear and these must also be considered when planning recovery actions. We will discuss some of these “cryptic threats” and the potential interactions among threats, and how conservation policies can best support the recovery of endangered bat species.