

# Biology Seminar



Western  
UNIVERSITY · CANADA

12:30 - 1:30 pm  
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BGS 0165



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## Sharks: so hot right now

Climate change has driven increased interest in understanding how temperature influences where animals can go and what they can do. A big part of this question involves understanding how the physiologies of organisms cope with temperature variation, and how different physiological systems might regulate the ecology and biogeography of species. Sharks are an interesting group in the context of thermal biology, so in this talk I will present several recent findings on the different ways that shark physiologies deal with temperature variation and how that seems to strongly influence their ecology and distributions. I'll explain why these findings might help us predict future responses to climate change, and promise to show several cool photos of sharks.

