

Biology Seminar



Western
UNIVERSITY · CANADA

12:30 - 1:30 pm
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BGS 0165



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There and back again: ocean wanderers in an ever-changing system

Pressure upon marine systems continues to mount year on year. Complex issues such as overfishing, pollution and climate change seamlessly interweave to bring about wholesale shifts in marine communities over regional and global scales. The challenge facing marine scientists is not only to identify when such changes have occurred, but to do so before it is too late. In this talk we will consider how top-predators can act early warning systems or 'indicators' for biologists and unravel how such species locate their prey in a vast and ever-changing environment. Examples will be drawn from a wide range of species found in the North Atlantic from jellyfish through to leatherback turtles, basking sharks and ocean sunfish. Recent technological advances will also be brought to light to demonstrate how marine biologists gather data from marine predators that range thousands of kilometres from land and down into the ocean depths.

