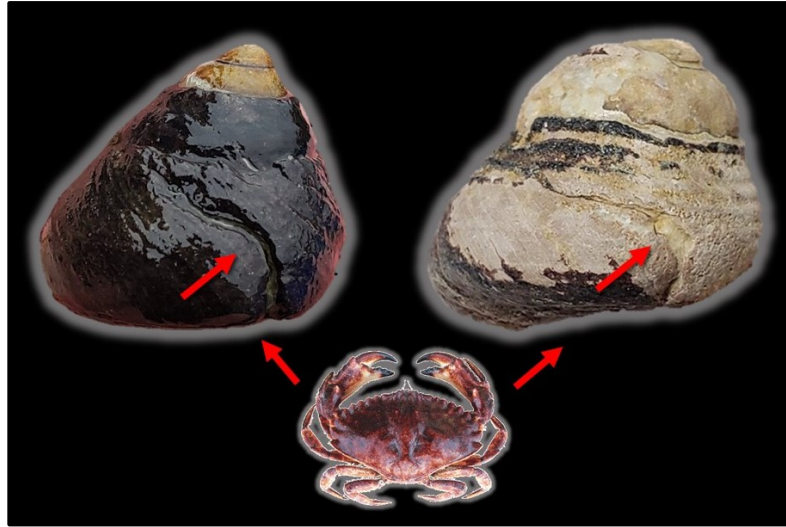




University
of Victoria

GRADUATE COLLOQUIUM

DEPARTMENT OF ANTHROPOLOGY



Ghosts of crabs past: Using palaeontological tools to understand the health of crabs and their shelled prey

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Monday, November 15th, 2021

11:30 am – 12:50 pm

CLE A207

Option to view the talk via Zoom for those unable to come in person will be available – you will be limited to viewing only and quality will differ depending on connection. See [website](#) for details.

On the west coast of North America, crabs and their shelled prey are important resources that are threatened by climate change and human activity. However, management of these resources and protection of their ecosystems is often hampered by limited current and historical data. Conservation palaeobiology, which uses fossil data and techniques, can provide long-term context and alternative methods/data that can aid in our understanding and continued sustainability of data-poor coastal resources and ecosystems. For example, scars left on prey by crab predatory attacks provide an excellent record, and often the only evidence, of these predator-prey interactions in both modern and fossil ecosystems. In this presentation, I will explore how crab predation scars can be used to understand the health of today's crabs and their prey, and highlight research examining how patterns of crab predatory scars form through time and are influenced by environmental change (e.g., ocean acidification and human activity).

EVERYONE WELCOME

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