



Speaker:

Mercedes Burns
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Date: Monday, Jan. 31, 2022

Time: 4:00 pm - 4:50 pm

Zoom: 948 0131 1028

Passcode: 347039

Title:

“Tricky, sticky sequencing: Tackling genome-scale questions in Panarthropoda”

Abstract:

In this talk, I discuss some of my lab's most recent work on sequencing and interpreting genomic data. I will discuss what we have learned about the genome of a facultatively parthenogenetic Japanese opiloid species, before moving on to describe the challenges of sequencing highly repetitive spider silk genes. I will end my seminar with details about a new area of research in which I am participating, focusing broadly on the evolution of sticky prey capture proteins in Panarthropoda.