Chemical & Physical Sciences
UNIVERSITY OF TORONTO
MISSISSAUGA

COLLOQUIUM SEMINAR SERIES

MOLECULAR PALEOBIOLOGY OF ARTHROPOD BODY PLANS

Arthropods (chelicerates, myriapods, crustaceans, and insects) are the most abundant and diverse animal group, with their success attributed to a segmented body plan with functionally specialized jointed appendages. I use both genomic and paleontological methods to study the evolution of their body plans through time. Here I will present two case studies: convergent evolution of the crab body plan in decapod crustaceans and its implications for predicting phenotype ("why things evolve into crabs"), and the early establishment of arthropods from soft-bodied ancestors in the Cambrian explosion.

Dr. Joanna M. Wolfe,
Research Associate, Harvard University's
Museum of Comparative Zoology

COLLOQUIUM SEMINAR SERIES

featuring

Dr. Joanna Wolfe

Wednesday, November 2, 2022 | 3:30pm

Join via Zoom: https://utoronto.zoom.us/j/81609726082