

Curriculum Vitae

Education

- 2015 – 2019 **B.Sc. Honours in Ecology and Evolutionary Biology with High Distinction.**
University of Toronto, Toronto, ON. cGPA: 3.73.
Thesis title: The phylogeography and diversity of the leech *Placobdella rugosa*.
- 2019 – 2024 **PhD in Biological Sciences – Behavior, Ecology, Evolution, and Systematics Concentration.**
University of Maryland, College Park, MD. Expected graduation: 2024.
Thesis title: The evolution of carnivory in freshwater annelids.

Academic Awards

- 2015 President's Entrance Scholarship from the University of Toronto (\$2,000)
- 2018 National Sciences and Engineering Research Council (NSERC) Undergraduate Student Research Award (\$5,625)
- 2019 Dean's Fellowship from the University of Maryland (\$7,500)
- 2021 Best student poster – Division of Invertebrate Zoology, The Society for Integrative and Comparative Biology (SICB) 2021 online meeting (\$150)
- 2021 Washington Biologist's Field Club Research Grant (\$3,403)
- 2021 Jane Pritchard Teaching Award
- 2021 Best Research in Progress Presentation Award (\$150)

Peer Reviewed Publications

- Mack, J.** & Kvist, S. Broad geographic sampling provides further evidence for the separation of *Glossiphonia complanata* and *Glossiphonia elegans* (Annelida: Clitellata: Glossiphoniidae). *Journal of Natural History*, 2019.
- Mack, J.**, de Carle, D., & Kvist, S. Prey, Populations, and the Pleistocene: Evidence for low COI variation in a widespread North American leech. *Mitochondrial DNA Part A*, 2019.

Presentations and Posters

- 2018 **Mack, J.**, de Carle, D., & Kvist, S. The phylogeography and diversity of the leech *Placobdella rugosa* (Annelida: Clitellata: Glossiphoniidae). Presented at the Incubator series, Royal Ontario Museum, 2018.
- 2020 **Mack, J.**, de Carle, D., & Kvist, S. Prey, Populations, and the Pleistocene: Evidence for low COI variation in a widespread North American leech. Presented at the Division of Invertebrate Zoology Best Student Paper Session, The Society of Integrative and Comparative Biology (SICB) Annual Conference, Austin, TX, 2020.
- 2021 **Mack, J.** Martinsson, S., Klinth, M., Erséus, C., Bely, A. From mud to meat: Employing phylogenetics and DNA metabarcoding to test evolutionary hypotheses of trophic transitions in predatory annelids. The Society of Integrative and Comparative Biology (SICB) Annual Conference, online, 2021.
- 2021 **Mack, J.** From mud to meat: using predatory annelids to demystify the evolution of animal carnivory. Presented at the No Bones Invertebrate Zoology seminar series at the Smithsonian Museum of Natural History.

Teaching Assistant Positions

2019 (Fall semester) Human Anatomy and Physiology

2020 (Spring semester) Principles of Genetics

2020 (Fall semester) Organismal Biology

2021 (Spring semester) Principles of Molecular and Cellular Biology

2021 (Fall semester) Organismal Biology

2022 (Spring semester) Principles of Genetics