

## Curriculum Vitae

### Education

**University of Washington, Seattle** (September 2020 - Present)

- Master of Science in Aquatic and Fishery Sciences

**Bowdoin College** (Honors, September 2013 - May 2017)

- B.A. Biology
- Minor History

### Publications

- **Coyle A.F.**, Voss E.R., Tepolt C.K., and Carlon D.B. 2019. "Mitochondrial genotype influences the response to cold stress in the European green crab, *Carcinus maenas*". *Journal of Experimental Biology* 222. doi.org/10.1242/jeb.203521

### Presentations

- **Coyle A.F.** *The Canadian green crab invasion and the genetic and phenotypic consequences* (Bowdoin College Honors Symposium, May 2017)
- **Coyle A.F.** *Some like it cold? Links between genotype and freezing tolerance in a green crab hybrid zone* (Benthic Ecology Meeting Society, April 2017). Awarded Best Undergraduate Student Presentation

### Grants

- Quahog Bay Conservancy Fellowship (November 2016)
- Grua/O'Connell Research Award (October 2016)

### Awards

- Bowdoin Research Award (May 2017)
- Best Undergraduate Student Presentation (BEMS; April 2017)

### Additional Research Experience

**Undergraduate Researcher:** Carlon Lab, Bowdoin College (September 2016 - May 2017)

- Investigated linkage between thermal tolerance and mitochondrial genotype in an invasive population of the European green crab, *Carcinus maenas*.

**Conservation Intern:** Greater Cleveland Aquarium (June 2016 - August 2016)

- Gathered data on movement and distribution of the endangered spotted turtle

**Undergraduate Researcher:** Lyon Lab, Bowdoin College (September 2015 - December 2015)

- Examined the impact of salinity shifts on membrane permeability in sea ice diatoms

## **Additional Professional Experience**

**Scientific Technician II:** Washington Department of Fish and Wildlife, Forage Fish  
(March 2020 - September 2020)

- Gathered data on forage fish spawning and larval distribution

**Fish and Wildlife Technician III:** Alaska Department of Fish and Game, Salmon Research  
(May 2019 - August 2019)

- Supervisor of remote salmon weir camp. Monitored Afognak River salmon run

**Fish and Wildlife Technician II:** Alaska Department of Fish and Game, Dockside Sampling  
(December 2017 - April 2019)

- Gathered & analyzed data on Kodiak Island commercial groundfish & shellfish fisheries

**Fish and Wildlife Technician II:** Alaska Department of Fish and Game, Crab Research  
(June 2017 - April 2019)

- Surveyed crab populations in Bering Sea, assisted with pilot study design
- Laboratory manager for snow crab fecundity research project

## **Membership, Certificates, and Positions**

PADI Open Water, 2016 - present