

Isaak Haberman

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Education

Sept. 2017 to May 2020 - University of British Columbia, Vancouver

BSc: Honours Marine Biology - 3.84/4.0 GPA

Honours Thesis: Morphology and energetic value of macroalgae influences the relative susceptibility to herbivory, PI: Dr. Patrick Martone

Sept. 2019 to Dec. 2019 - Bamfield Marine Sciences Center Fall Program

Intensive, Field-based Marine courses - 4.0/4.0 GPA

Identification of Pacific marine species, execution of marine data-collection methods, proficiency in R and Microsoft Excel

Sept. 2015 to May 2017 - University of Illinois at Urbana-Champaign

Environmental Science and Natural Resources - 3.82/4.00 GPA

Work Experience

May 2019 to July 2019 - UBC Biology, PI - Dr. Bridgette Clarkston (Vancouver, B.C.):

Independent Project

- Surveyed, collected, and identified seaweed biodiversity from the coast of Vancouver B.C. alongside Dr. Clarkston. Collected seaweeds were pressed for the UBC Herbarium (Beaty Biodiversity Museum)
- All organisms were uploaded to the iNaturalist Project “Vancouver Seaweeds, Summer 2019” using in situ, herbarium press, and microscopic photos for identification purposes
- Analyzed newly collected data in conjunction with Dr. David Garbary’s data (last updated in the 1980s) and data collected by the UBC herbarium (archives dating back to the 1950s)
- Project presented as a poster at the 2020 Salish Sea Ecosystem Conference

May 2018 to August 2018 - Discovery Passage Aquarium (Campbell River, B.C.):

Aquarium interpreter

- Used effective science communication to educate the public about Pacific Northwest marine life and inspire sustainability and scientific exploration
- Trained in animal care and collection, tank maintenance, and customer service

June 2015 to July 2015 - Agua Hedionda Lagoon Foundation (Carlsbad, C.A.):

Nature Center Naturalist

- Worked directly with the center’s specialists to be trained in animal care and identification for: reptiles, birds, and fish
- Aided in outreach and education by creating information placards for the species of fish inhabiting the center’s aquarium
- Engaged directly with the community to answer questions about biodiversity within the centre as well as encourage ecosystem protection

- Maintained the facility as a handyman as well as assisted in odd jobs

Volunteer Experience

June 2016 to August 2016 - Cape Eleuthera Institute, PI - Dr. Owen O'Shea (Eleuthera, Bahamas):

Research Intern

- Assisted PhD candidate Ollie Shipley and PI Dr. Owen O'Shea to catch, tag, sample, and release various species of elasmobranchs to better understand shark habitat preference
- Used collected data to provide evidence for the necessity of conservation efforts, as well as determine genetic relationship between different populations of stingrays
- Analyzed a subset of data for a directed studies paper on using CEI's extensive shark sampling database to quantify habitat preference of various shark species

February 2019 to Present - University Hill Secondary School (Vancouver, B.C.)

Head Varsity Tennis Coach

Awards and Scholarships

2017-present	UBC Dean's Honours list (top 10% of faculty)
2019-2020	UBC Clements-Norris Memorial Prize - \$100
2019-2020	UBC Andrew H. Hutchinson Scholarship in Biology and Botany - \$1700
2018-2019	UBC Dean Fisher Memorial Scholarship in Zoology - \$800
2017-2018	UBC Guy Chance Scholarship in Conservation Biology - \$1450
2015-2017	UIUC Three semesters Dean's List (top 10% of faculty)
2016-2017	UIUC Hunter, R. O. & M. F. Scholarship - \$4000
2016-2017	UIUC Stanley Weaver Scholarship - \$3000
2015-2016	UIUC Hunter, R. O. & M. F. Scholarship - \$4000
2015-2016	UIUC Stanley Weaver Scholarship - \$3000
2015-2016	UIUC Ayers Scholarship - \$650
2015-2016	UIUC ACES Department Scholarship - \$2000
2015-2016	UIUC Chancellor's Scholar - \$1500

Certifications

- Standard First Aid with CPR-C and AED
- PADI Emergency First Response First Aid
- SCUBA Open Water Certification
- SCUBA Drysuit Diver Certification
- Pleasure Craft Operator Card holder

Activities and Interests

- 2018-2019 University of British Columbia Rowing Team
- 2015-2017 University of Illinois Rowing Team
- 2015-2016 University of Illinois Sustainability Advisory Council Member
- Crossword Puzzles, Trivia, Football, Tennis, Basketball, Camping, Hiking