

**Alexis Hunter Hollander**

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**EDUCATION:**

**In progress** (2019-present, second year), **M.S. Marine Science**, Virginia Institute of Marine Science, College of William and Mary  
Department: Fisheries Science  
Major Advisor: Dr. Roger Mann  
Committee: Drs. Mary Fabrizio, Eric Powell, and Donglai Gong

2019, **B.S. Biology *summa cum laude***, University of Wisconsin-Stevens Point, Stevens Point, WI,  
**Minors:** Chemistry and German

**GRADUATE COURSEWORK COMPLETED:**

Fundamentals of Marine Science: Biological Oceanography  
Fundamentals of Marine Science: Marine Geology  
Fundamentals of Marine Fisheries Science  
Fundamentals of Statistical Science and Data Management  
Interdisciplinary Research in Estuarine and Coastal Systems  
Malacology  
Deep Sea Biology  
Rivers: Processes and Problems  
Larval Ecology  
Fisheries Population Dynamics  
Linear Models in Ecology  
College Science Teaching  
Statistics and Graphing in R  
Holocene Coastal Evolution

**RESEARCH EXPERIENCE:**

2017-2019, Cataloging, drawing, and photographing Native American projectile points and other artifacts for the Archaeology Department with the University of Wisconsin-Stevens Point (UWSP), Stevens Point, WI, Supervisor Dr. Ray Reser

2015-2019, Cataloging, measuring, identifying, and photographing Eocene fossil specimens for the Paleontology Lab with UWSP, Stevens Point, WI, Supervisor Patricia Zellmer

2019, Identifying algal samples from Lake George, NY. UWSP, Stevens Point, WI, Supervisor Dr. Robert Bell

2019, The effects of road salt on the growth and survival of freshwater snails (*Helisoma* sp.), performed statistical analysis and plotting in R, UWSP, Stevens Point, WI, supervisor Dr. Sarah Orlofske

2018, Joint Institute for the Study of the Atmosphere and Ocean (JISAO) Research Internship for Undergraduates, set up developmental series of fish species, collected morphometric

and pigment data, and trained in clearing and staining techniques with the Alaska Fisheries Science Center, Seattle, WA, Supervisor Dr. Alison Deary

### **OUTREACH, LEADERSHIP, AND TEACHING EXPERIENCE:**

2021-2022, VIMS Graduate Student Association Secretary, support VIMS graduate students by facilitating conversations between students and administration and holding programs of interest to graduate students

2021, National Shellfisheries Association 2021 conference poster session moderator

2020, College Science Teaching Course, Virginia Institute of Marine Science

2018, JISAO intern, demonstrated scientific method for elementary and middle school students

2018, NOAA AFSC Science Camp volunteer, demonstrated plankton sampling methodology for 7<sup>th</sup> grade students, assisted junior leaders with interview and networking skills

2018, Ichthyology and Aquarium Science Society of Stevens Point (IASSSP) volunteer, demonstrated fish sampling methods and bird identification for citizens in Wisconsin Master Naturalist course

2016-2018, UWSP Collection Crawl Volunteer, educated and answered questions for public about UWSP Paleontology and Archaeology collections

2016-2018, taught lab techniques and protocols for members of the UWSP Paleontology Lab

2012-2018, Ski Instructor and Snow Sports School supervisor, Cascade Mountain, Portage, WI

2017, Biology Lab Teaching Assistant, UWSP

2016-2017, Camp Woodland for Girls Farm Zoo Director, planned and organized daily lessons for campers of ages 8-15, taught different aspects of ecology and biology

2015, UWSP STEM Day for Girls volunteer, encouraged interest in STEM fields and answered questions for 8<sup>th</sup> grade students

### **HONORS, AWARDS, AND FELLOWSHIPS:**

2021 Jimmy Alcivar-Arteaga Travel Award, National Shellfisheries Association, \$100

2020, Strickland Family Fellowship, Virginia Institute of Marine Science, \$2,300

2020, Honorable Mention, National Science Foundation Graduate Research Fellowship Program

2019-2022, Institutional Fellowship, Virginia Institute of Marine Science, tuition and stipend

2019, VIMS Foundation Fellowship, Virginia Institute of Marine Science, \$1,000

2019, Albertson Medallion Award, University of Wisconsin-Stevens Point

2019, Chancellor's Leadership Award, UWSP

2019, Distinguished Achievement Award, UWSP College of Letters and Science

2019, Faculty Research Award, UWSP Biology Department

2019, Peter Kroner Scholarship for Excellence in the Study of German, UWSP

2018, Frank R. Haeni Ornithology Award, UWSP Biology Department

2018, Joseph & Margaret Schmauss Award for Excellence in the German Language, UWSP

2018, Student Government Association and US Bank Scholarship for Academic Merit, UWSP

2017, John F. Weiler Foreign Language Award for Excellence in the German Language, UWSP

2016, Robert S. and Ventura V. Neale Memorial Scholarship for Continuing Students, UWSP

2015, Academic Excellence Scholarship, State of Wisconsin Higher Educational Aids Board

2015, Wisconsin Covenant Grant, State of Wisconsin Higher Educational Aids Board

2015, Saint-Gobain Performance Plastics Scholarship, Saint-Gobain Performance Plastics

2015, River Crossing Environmental Scholarship, River Crossing Environmental Charter School Board

2015, Neale Alumni Honors Freshman Scholarship, UWSP

2015, Fueling for Success Environmental Scholarship, Crawford Oil

## **CONTRIBUTED PRESENTATIONS:**

\*Undergraduate Student

**Hollander AH** 2021. "Retrospective analysis of age and growth rate in Atlantic surfclams". VIMS Department of Fisheries Science Seminar, March 2021

**Hollander, AH** and R Mann 2021. "Temporal and Spatial Variation in Growth in the Surfclam *Spisula solidissima*". National Shellfisheries Association Annual Meeting (virtual, recorded), March 2021

**Hollander AH** 2020. "Temporal and Spatial Comparisons of Growth in Surfclam (*Spisula solidissima*)". Science Center for Marine Fisheries Industry Advisory Board Meeting (virtual), April 2020

Manning N\*, **AH Hollander\***, B Dunbar\*, and SA Orlofske. 2019. "The effects of road salt on the growth and survival of freshwater snails (*Helisoma* sp.)". (Poster). Wisconsin Wetlands Association's Wetland Science Conference, Madison WI, February 2019

**Hollander AH\***, M Busby, M Paquin, and AL Deary. 2018. "Larval Identification of two Sand Lance Species (*Ammodytes* spp.)". (Poster) Summer Internship Research Symposium, Seattle WA, August 2018

**Hollander AH\***, M Busby, M Paquin, and AL Deary. 2018. "Larval Identification of two Sand Lance Species (*Ammodytes* spp.)". (Poster) Joint Institute for the Study of the Atmosphere and Ocean Research Internship for Undergraduates Conference, JISAO, Seattle WA, August 2018

Duzell M\*, **AH Hollander\***, M Kluge\*, C Kazik\*, N Daun\*, C Shafranski\* (high school), RP Reser, and P Zellmer. 2017. "Using the UWSP Paleontology Collection to Demonstrate Lyell's Geologic Tenet 'The Present Is The Key To The Past.'" (Poster) UWSP College of Letters and Science Research Symposium, Stevens Point, WI, May 2017.

## **AFFILIATIONS WITH PROFESSIONAL SOCIETIES:**

National Shellfisheries Association

International Phycological Society

## **SKILLS AND CERTIFICATIONS:**

Proficient in Microsoft Word, Microsoft Powerpoint, and Microsoft Excel

Proficient in the German Language

Basic understanding of R and Photoshop

Taxonomy and identification skills for birds of Wisconsin and the Midwestern United States

Taxonomy and identification skills for freshwater algae and freshwater and marine fish

6 years of downhill ski instruction experience, beginner and intermediate, Cascade Mountain

Wisconsin Hunter Safety (2010)

Wisconsin Boater Safety (2017)

CPR/AED/First Aid, American Heart Association (2016)