

Helena (Lena) Coker

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[LinkedIn Profile](#) | [Handshake Profile](#)

RESEARCH INTERESTS

Current Biology and Neuroscience undergraduate with excellent writing and field work experience. Comprehensive and hands-on experience in animal behavior, neuroethology, biological basis of behavior, animal cognition, behavioral ecology, conservation ecology, and comparative psychology. Brings additional valuable knowledge from research experience involving diverse study organisms and systems.

EDUCATION

Associates of Arts with, with Honors Tallahassee Community College	August 2012 Tallahassee, FL
<ul style="list-style-type: none">Emphasis in science and literature	GPA: 3.7
Bachelor of Science in Neuroscience Washington State University	Expected Graduation Date: May 2022 Vancouver, WA
<ul style="list-style-type: none">Emphasis in chemistry and zoology	GPA: 3.9
Bachelor of Science in Biology Washington State University	Expected Graduation Date: May 2022 Vancouver, WA
<ul style="list-style-type: none">Emphasis in mathematics and psychology	GPA: 3.9
Bachelor of Science in Environmental Science Washington State University	Expected Graduation Date: May 2022 Vancouver, WA
<ul style="list-style-type: none">Emphasis in statistics	GPA: 3.9

RELEVANT CERTIFICATIONS

Certification in Professional Dog Training Catch Academy	Expected Graduation Date: June 2022 Vancouver, WA
Certification in Science and Technical Writing Washington State University	Expected Graduation Date: May 2022 Vancouver, WA
Certification in Mathematical Biology Washington State University	Expected Graduation Date: May 2022 Vancouver, WA
Certification in Geographic Information Systems Portland Community College	Expected Graduation Date: June 2021 Portland, OR

PROFESSIONAL EXPERIENCE

Inorganic Chemistry Supplemental Instructor Washington State University, Department of Physical Sciences	August 2019 – May 2020
Conservation Biology Laboratory Intern Washington State University, Department of Biological Sciences	November 2018 – Present
Community Ecology Laboratory Intern Washington State University, Department of Biological Sciences	March 2019 – Present
WSU Quantitative Skills Center Tutor <ul style="list-style-type: none">Subjects: Chemistry, Mathematics, Genetics, Statistics, and Biochemistry Washington State University	August 2019 – Present

RESEARCH / FIELD WORK EXPERIENCE

- Historical Record of the Western Monarch Butterfly, Assisted Cheryl Schultz, Ph.D. in comprehensive literature review of related research studies, Washington State University
 - Database building and reference library creation
- Impacts of pathogenic chytrid fungus (*Batrachochytrium salamandrivorans*) on native amphibian species, Assisted Jonah Piovio-Scott, Ph.D. in animal care, sampling, DNA extraction and PCR, and analysis of data, Washington State University
 - Aseptic technique, biohazard safety level two, IACUC animal protocols, field presence and abundance surveying, DNA extraction and analysis, quantitative PCR, and protocol refinement
- Trunks & Leaves, Sri Lanka, Assisted Shermin de Silva, Ph.D. in creating scientific research summary blog posts and securing copyright permissions for her new book
 - Blog and social media management, science writing for the public, copy right and source material laws
- Audubon of Portland Wildlife Rehabilitation, Community Science, and Community Outreach
 - Wildlife care, emergency animal medicine, surgical protocols, medical treatment protocols, public perception management,
- Pika Watch Presence Surveys Community Science Project, Oregon Zoo volunteer
 - Field surveying, call identification
- Pika Watch Abundance Surveys Community Science Project, Oregon Zoo volunteer
 - Field surveying, scat identification, food store identification
- Turtle Nesting Survey Community Science Project, Assisted James Holley, ESM MEM candidate, Portland State University
 - Field surveying, nest identification, species identification, sample collection protocols
- Vaux Swift Watch Community Science and Outreach Project with Audubon of Portland
 - Field surveying, public outreach and education, species identification, binocular and telescope use, migratory night counts
- Harborton Frog Shuttle Community Science Project with the Sauvie Island Habitat Partnership
 - Field surveying, high volume relocation, species identification, and humane trapping
- St. Francis Wildlife Rehabilitation, Quincy, Florida
 - Ask vital questions and provide pre-arrival instructions for emergency medical calls
- Leon County Humane Society, Tallahassee Florida
 - Public outreach, social media campaigns, animal care, behavioral training

HONORS / AWARDS

2 times Recipient of the Millie Patten Tissot Memorial Endowed Scholarship 2019 and 2020
Recipient of the Millam Leo Undergraduate Research Grant 2019
2020 Women of Distinction Nominee
SCUDEM Lite Spring 2020 Math Challenge - Score: Outstanding
1st Place for Washington State University Vancouver 2020 Undergraduate Research Showcase

MEMBERSHIPS / AFFILIATIONS

Washington State University Honors Association Member
National Audubon Society Member
Audubon of Portland, Oregon Member and Volunteer
Oregon Zoo Member
Accessibility Council of Washington State University Member
Phi Theta Kappa Member
Washington State University Vancouver Neuroscience Club, Communications Officer