

Emily Hyatt, Ph.D.

Curriculum Vitae

2023

Durham, North Carolina, USA

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Current Position

2023 - Research Associate, Lab Manager
Pontzer Lab & Goldberg Lab – Duke University

Academic History

2023 Ph.D. Biology – Loma Linda University, Loma Linda, CA
2014 B.S. Biology – UC Riverside, Riverside, CA

Licensure

2017 SDI SCUBA Open Water Diving Certification

Positions Held

2018 – 2023 Ph.D. Student in Biology, Department of Earth and Biological Science,
Loma Linda University
Dissertation entitled: “Gross and quantitative comparative analyses of *Chelonibia* spp.
barnacles for separation of *C. testudinaria*, *C. manati*, and *C. patula* independent of
host species.”

2022 Herpetology Intern, Australia Department, National Aquarium, Baltimore, MD
2018 Sea Turtle Conservation Intern, ProTECTOR, Inc., Guanaja, Honduras
2016 – 2018 Pathology Laboratory Assistant, Loma Linda University Health, Loma Linda, CA
2014 – 2016 Biology/Chemistry/Oceanography Tutor, Crafton Hills College, Yucaipa, CA
2013 Natural Resources Intern, Western Riverside County Regional Conservation
Authority, Riverside, CA

Certifications

Animal Husbandry Evolved	<i>Advanced Varanid Husbandry</i>
ACAMS WWF	<i>Ending Illegal Wildlife Trade</i>
IACUC	<i>Regulatory Aspects of Animal Research</i>
	<i>Basic Suturing</i>
	<i>Anesthesia: Induction, Intubation, and Maintenance</i>

Society Memberships

ISTS	International Sea Turtle Society
SCAS	Southern California Academy of Sciences
ESA	Ecological Society of America

Publications

- 2023 Hyatt, E. C., Hayes, W. K., & Dunbar, S. G. (2023). Ecophenotypic variation or genetic differentiation? Ambiguity of morphological and molecular relationships presents uncertainty in host-specific plasticity of *Chelonibia* barnacles. *Estuarine, Coastal and Shelf Science*, 108470.

Conference Abstracts

- 2023 ISTS Symposium, Poster Presentation,
“Gross and quantitative comparative analyses of epibiotic *Chelonibia* spp. barnacles suggest separation of morphotypes independent of host.”
- 2021 ESA Conference, Poster Presentation,
“Comparative analyses of *Chelonibia* spp. barnacles for separation of *C. testudinaria*, *C. manati*, and *C. patula*, independent of commensal host”
- 2021 SCAS Conference, Poster Presentation,
“Comparative analyses of *Chelonibia* spp. barnacles for separation of *C. testudinaria*, *C. manati*, and *C. patula*, independent of commensal host”
- 2019 ISTS Symposium, Oral Presentation,
“Community-based evidence for potential recovery of hawksbill nesting in Guanaja, Honduras”

Grants Received

- 2020 VersaCare Foundation, STEM Advancement Grant for Research on the Road, value \$10,000
- 2019 Travel Grant, ISTS Symposium, approximate value \$800

Conference and Field Trip Service

- 2019 ISTS Volunteer – Annual Symposium, Charleston, SC

Teaching Experience

- 2023 Teaching Assistant, LLU; BIOL 505 – *Marine Biology*
- 2022 Teaching Assistant, LLU; BIOL 504 – *Invertebrate Marine Biology*
Teaching Assistant, LLU; BIOL 549 – *Biodiversity and Conservation*
Teaching Assistant, LLU; BIOL 502 – *Orientation to Graduate Biology*
- 2021 Teaching Assistant, LLU; BIOL 505 – *Marine Biology*
- 2020 Teaching Assistant, LLU; BIOL 546 – *Techniques in Vertebrate Ecology*
Teaching Assistant, LLU; BIOL 504 – *Invertebrate Marine Biology*
- 2019 Research on the Road, Online Learning Service (researchontheroad.com)
- 2015 Basic Stoichiometry Workshop, Crafton Hills College Library
- 2014 Founder/Instructor, Calimesa Elementary School Science Club

Public Speaking/Outreach

- 2023 February; LLU Open House; Loma Linda, CA
February; San Bernardino County Museum Bug Fest; Redlands, CA
March; LLU Homecoming Alumni Presentation; Loma Linda, CA

March; White Memorial SDA Church; Los Angeles, CA
March; Earth and Biological Sciences Seminar; LLU, Loma Linda, CA
May; Gracepoint Fellowship Family Camp; Victorville, CA
May; Ocean Beach Library; San Diego, CA
July; San Bernardino Humane Society; San Bernardino, CA
July; Ocean Beach Library; San Diego, CA
2022 April; Gracepoint Fellowship Family Camp; Julian, CA
April; LLU Seminar Series; Loma Linda, CA
2021 October; Mousley Museum; Yucaipa, CA
May; Boy Scouts; LLU; Loma Linda, CA
April; Arden Hills Church; Highland, CA
2020 June; Way to Moab Outreach; Moab, UT
June – August; Meet My Pet Moreno Valley Library; Weekly Web series
2019 October; EXSEED Webinar; Remote broadcast from Loma Linda, CA
October; Corona Family Fun Fair; Corona, CA
October; Moreno Valley Library; Moreno Valley, CA
September; Calimesa Public Library; Calimesa, CA
June; Moreno Valley Library; Moreno Valley, CA
June; Calimesa Public Library; Calimesa, CA