

Elora Hayter López

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Education

- 2015- Ph.D. Hopkins Marine Station of Stanford University, Pacific Grove, CA. Biology.
- 2011-2015 B.A. Columbia University, New York, NY. Environmental Biology.

Fellowships and Grants

- 2018 National Geographic Early Career Explorer Grant
- 2018 Society for Molecular Biology and Evolution Registration Award
- 2018 The Explorers Club Rolex Explorer Grant
- 2016 Stanford Office of Graduate Education Travel Grant Award
- 2015 NSF Graduate Research Fellowship
- 2015 Morgridge Family Fellowship (Stanford Graduate Fellowship in Science and Engineering)
- 2015 Ford Foundation Predoctoral Fellowship (declined)
- 2014 Columbia Undergraduate Scholars Program (CUSP) Summer Enhancement Fellowship
- 2014 Dept. of Ecology, Evolution and Environmental Biology (E3B) Thesis Research Award
- 2014 Columbia College Class of 1939 Summer Research Fellowship
- 2014 The Explorers Club Youth Activity Fund
- 2014 Columbia University Earth Institute Student Travel Grant
- 2014 NSF Biology REU Mentor-Student Travel Scholarship with Dr. Mary Blair
- 2013 NSF Biology REU at the American Museum of Natural History
- 2011 John W. Kluge Scholar, Columbia Undergraduate Scholars Program (CUSP)

Publications

Thomas L, Rose NH, Bay RA, **López EH**, Morikawa MK, Ruiz-Jones LJ, Palumbi SR (2018). Mechanisms of thermal tolerance in reef-building corals across a fine-grained environmental mosaic: lessons from Ofu, American Samoa. *Frontiers in Marine Science* 4:434. DOI: 10.3389/fmars.2017.00434

Drew J, **López EH**, Gill L, McKeon M, Miller N, Steinberg M, Shen C, McClenachan L (2016). Collateral damage to marine and terrestrial ecosystems from Yankee whaling in the 19th century. *Ecology and Evolution*. **6**, 22: 8181-8192. DOI: 10.1002/ece3.2542

Eastwood EK*, **López EH***, Drew JA (2016). Population connectivity measures of fishery-targeted coral reef species to inform marine reserve network design in Fiji. *Scientific Reports* **6**, 19318. DOI: 10.1038/srep19318

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Reports

López EH, Eastwood E, Drew J (2017). Genetic connectivity among populations of lollyfish (*Holothuria atra*). In S. Mangubhai, W. Lalavanua and S.W. Purcell (eds.). *Fiji's Sea Cucumber Fishery: Advances in Science for Improved Management*. Wildlife Conservation Society. Report No. 01/17. Suva, Fiji. pp. 62–70.

Selected Presentations

López EH & Palumbi SR. Uncovering within-colony coral diversity using high-throughput sequencing data. Oral presentation at the International Coral Reef Symposium in Honolulu, HI. June 20, 2016.

López EH, Le MD, Nguyễn TV, Dương HT, Cao GTH, Sterling EJ, Blair ME.* Inferring molecular phylogenetic relationships among endangered slow lorises (genus *Nycticebus*). Poster presentation at the Society for Conservation Biology Asia Section Meetings in Melaka, Malaysia, August 20, 2014.

*= presenter

López EH, Le MD, Nguyễn TV, Dương HT, Cao GTH, Sterling EJ, Blair ME. Inferring molecular phylogenetic relationships among slow lorises (genus *Nycticebus*) with mitochondrial DNA sequence data. Poster presentation at the XXV International Primatological Congress in Hanoi, Vietnam. August 15, 2014.

López EH & Drew JA. Comparative phylogeography of Indo-Pacific marine taxa presents idiosyncratic genetic connectivity patterns. Oral presentation at the Society for Conservation Biology Oceania Section Meetings in Suva, Fiji. July 9, 2014.

Invited Talks and Panels

Moderator and organizer of the panel “Looking Forward: Marine Science & Policy in the New Administration.” Hopkins Marine Station of Stanford University. March 1, 2017.

Sutton AE, Wynn-Grant R, Malone C, **López EH**, Blair ME. What am I going to do with the rest of my life?! Exploring careers in conservation. Careers in Conservation workshop at the Student Conference on Conservation Science in New York, NY. October 17, 2014.

López EH Marine conservation and genetic connectivity of marine taxa in Fiji. Invited talk at the Global Vision International (GVI) Tovuto base on Nanuya Lai Lai, Fiji. August 5, 2014.

Selected Media

2017 Appearance in Bikini Atoll segment of [episode 2](#) of PBS' *Big Pacific*

2017 [Article](#) in *The Guardian* about Bikini Atoll research

2017 [Quoted](#) in *USA Today* about Bikini Atoll research

2016 [Article](#) in *The Atlantic* about Yankee whaling research

2016 [Quoted](#) in *Columbia Magazine* about Yankee whaling research

2014 I wrote a [story](#) about my undergraduate thesis research in Fiji for Columbia's website

Teaching Experience

Spring 2018 Teaching Assistant for Evolution (BIOHOPK 85). Hopkins Marine Station of Stanford University.

May 2016 Instructor for Stanford Science Circle Middle School Program.
Winter 2016 Teaching Assistant for Evolution (BIO 143). Stanford University.

Leadership and Service

2017- Mentor, Salinas High School Marine Biology Internships at Hopkins Marine Station

2016- Monterey Area Research Institutions Network for Education (MARINE) Student Liaison

2016- Hopkins Marine Station Graduate Student Organization (HMSGSO) Secretary

2016 CEHG Outreach: Stanford Lab Tour Guide for AVID students

2015-2016 Biology Eco-Evo Graduate Student Seminar Speaker Committee, Stanford University

2015- NSF GRFP Mentor, Stanford University

Professional Memberships

2018- Society for Molecular Biology and Evolution

2017- The Explorers Club

2016- International Society for Reef Studies

Certifications

PADI Advanced Open Water Diver

Wilderness First Aid