


Stanford



Elora H. López

Ph.D. Student in Biology, admitted Autumn 2015

 Curriculum Vitae available Online

Bio

BIO

Elora López is a Ph.D. candidate in Biology at Stanford University. She uses genomics to address questions about the ecology, evolution, and conservation of marine life. Her research spans a wide range of topics, including coral bleaching recovery in American Samoa, somatic mutations in very long-lived organisms, and the effects of nuclear radiation on wildlife at Bikini Atoll, a former nuclear testing site in the Marshall Islands.

López's first research expedition to Bikini Atoll was featured on the PBS documentary series *Big Pacific* in June 2017. Her research projects have also been featured in *USA Today*, *The Atlantic*, *The Guardian*, and *Hakai Magazine*.

López is a National Geographic Early Career Explorer, an Explorers Club Rolex Explorer, a Stanford Graduate Fellow in Science & Engineering, and a National Science Foundation (NSF) Graduate Research Fellow.

STANFORD ADVISORS

- Noah Rosenberg, Doctoral Dissertation Reader (AC)
- Stephen Palumbi, Doctoral (Program)
- Dmitri Petrov, Doctoral Dissertation Reader (AC)
- Stephen Palumbi, Doctoral Dissertation Advisor (AC)
- Elizabeth Hadly, Doctoral Dissertation Reader (AC)

LINKS

- Personal Site: <https://eloralopez.github.io/>

Publications

PUBLICATIONS

- **Transcriptomic resilience, symbiont shuffling, and vulnerability to recurrent bleaching in reef-building corals.** *Molecular ecology*
Thomas, L., Lopez, E. H., Morikawa, M. K., Palumbi, S. R.
2019
- **Mechanisms of Thermal Tolerance in Reef-Building Corals across a Fine-Grained Environmental Mosaic: Lessons from Ofu, American Samoa** *Frontiers in Marine Science*
Thomas, L., Rose, N. H., Bay, R. A., López, E. H., Morikawa, M. K., Ruiz-Jones, L., Palumbi, S. R.
2018; 4 (434)

- **Genetic connectivity among populations of lollyfish (*Holothuria atra*)** *Fiji's Sea Cucumber Fishery: Advances in Science for Improved Management*.
López, E. H., Eastwood, E., Drew, J.
edited by Mangubhai, S., Lalavanua, W., Purcell, S.
Wildlife Conservation Society.2017: 62–70
- **Population Connectivity Measures of Fishery-Targeted Coral Reef Species to Inform Marine Reserve Network Design in Fiji** *SCIENTIFIC REPORTS*
Eastwood, E. K., Lopez, E. H., Drew, J. A.
2016; 6
- **Collateral damage to marine and terrestrial ecosystems from Yankee whaling in the 19th century** *Ecology and Evolution*
Drew, J., López, E. H., Gill, L., McKeon, M., Miller, N., Steinberg, M., Shen, C., McClenachan, L.
2016; 06 (22): 8181–8192