



Society for Conservation Biology

## Mariana L. Muzquiz Villalobos

Master's Student at Centro de Investigaciones Biológicas del  
Noroeste (CIBNOR)

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Lucero completed her B.S in Biology at the National Autonomous University of Mexico (UNAM) on 2014. She focused her work on the correlation of oceanographic variables and the species richness of marine mammals in Mexico. Part of her studies included the analysis of representativeness of marine mammals on Mexican Marine Protected Areas and its management programs. Sandra Pompa (actual Director of Communications for the LACA Board of Directors) was her thesis' director.

Lucero worked for the Program of Conservation of Sea Turtles at Cancun, and participated as an intern at National Commission for Knowledge and Use of Biodiversity (CONABIO) in the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) area. Afterwards she was awarded as Global Fellow by Duke University to complete a course in Marine Mammals and Conservation Policy at Duke's Marine Lab

Currently she's pursuing her Masters degree at Centro de Investigaciones Biológicas del Noroeste (CIBNOR) studying the size segregation of Striped Marlin in the Oriental Pacific Ocean to focus her results on management politics. Lucero has been a Society for Conservation/LACA member since 2013.

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[2007-2012]

### Education

#### College

Institution: National Autonomous University Of Mexico (UNAM)

Bachelor's Degree In Biology (2014)

Bachelor Thesis Title: *Correlation Between Oceanographic Variables And Species Richness Of Marine Mammals In Mexico And Its Implications For Conservation*

#### Masters

[2016-Present]

Institution: Centro de Investigaciones Biológicas del Noroeste (CIBNOR)

Masters in Science on Management, Use and Conservation of Natural Resources (To be obtained)

#### International Experience

[2016]

Marine Conservation Summer Institute at Duke University Marine Lab

### Professional Experience

#### Biologist

[June 2011-September 2011]

**Program for the Conservation of Sea Turtles.** Cancun, Mexico Supported by Palace Foundation and Fomento Ecológico Banamex (June 2011 –September 2011)

Duties: Tour guide, turtle species identification, collection of turtle nests, turtle nests relocation, liberation of turtles on the beach, beach cleaning campaign assistant, environmental education, management of database.

#### Biologist

[January 2014-April 2016]

**Micra Nanotecnología & Nlab** (January 2014-2016)

Duties: Optical microscopy specialist, Electron microscopy assistant (Atomic Force Microscopy AFM and Scanning Electron Microscopy-SEM)

### Research Activity

#### Social Service

[January 2010-June 2010]

Ecological Niche Model for Arctic Mammals. Mentor: Dr. Tania Escalante. National Council of Science and Technology

#### Research Internship

[March-June 2011 & September-December 2011]

Ecological Niche Model for Arctic Mammals. Mentor: Dr. Tania Escalante. National Council of Science and Technology

## Meetings

- XXXIII Reunión Internacional para el Estudio de Mamíferos Marinos SOMEMMA. Melaque, Jalisco., México. Oral presentation: "**Las áreas marinas protegidas: Refugio para Mamíferos Marinos**" (2012).
- XVII Congreso Mesoamericano de Biología y Conservación. La Habana, Cuba. Oral presentation: **Representación de mamíferos marinos en las Áreas Naturales Protegidas de México** (2013).
- XX Biennial Conference on the Biology of Marine Mammals. Dunedin, New Zealand. Oral presentation **Marine mammals within Mexican Marine Protected Areas: are we successfully protecting them?** (2013).
- 1ª Exposición de carteles PAPIME- INFOCAB. Poster: **Atlas biogeográfico de los mamíferos terrestres de América del Norte.** (2015)

## CERTIFICATIONS & SKILLS DEVELOPMENT WORKSHOPS

- SSI Open Water Diver Certification (2012)
- **Introductory Population and Conservation Genetics** (Workshop by Dr. Naohisa Kanda, La Paz, Baja California, Mexico, June 2012)
- **Disentanglement of Great Whales** (Workshop by Red de Asistencia a Ballenas Enmalladas-RABEN, Mazatlán, Sinaloa, Mexico; October 2013)
- **Marine Mammal Genomics: applications to evolution, ecology, and conservation** (Workshop, 20th Biennial Conference on the Biology of Marine Mammals, New Zealand, December 2013)
- **Introduction to Image-Pro Premier Training Course** (Washington D.C, USA, October 2014;)
- **Introduction to Energy-Dispersive X-ray Spectroscopy (EDS) techniques** (Cuernavaca, Morelos; January 2015)
- **Image Pro Premier 3D and AutoQuant Training Course** (Washington D.C; USA, July 2015)

## PUBLICATIONS

In preparation (2016)

Muzquiz-Villalobos, M.L. & Pompa-Mansilla, S. **Marine mammals of Mexico: Richness patterns, protected areas, and conservation trends.** *Undetermined.*

## GRANTS

- Cetacean Society International Grant (2013)
- Society for Marine Mammalogy Student Travel Grant for the Biennial Conference on the Biology of Marine Mammals (2013)
- Global Fellowships in Marine Conservation. Duke University Marine Lab. (2016)

## CONSERVATION ORGANIZATION AFFILIATION

- Member of the Latin America and Caribbean Section, Society for Conservation Biology (2013-Present)
- Member of the Society for Marine Mammalogy (2013-Present)