

LUVIANO APARICIO Nelia

Date of Birth: 22 December 1989

Marital status: Married

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**PhD student at University of Perpignan****EDUCATION**

- 2016-2017**
- Master Biodiversity, Ecology, Evolution – University of Perpignan Via Domitia
Project: Experimental modification of DNA methylation in *Biomphalaria glabrata*
- 2013-2015**
- Master's degree (100 % de crédits, average grade 8.8)
Institute of Marine Sciences and Limnology; Reef System Unit, National Autonomous University of Mexico
Project: Influence of the habitat complexity in the diet and trophical position of *Panulirus guttatus* in two different reef patches in the coral reef of Puerto Morelos, Quintana Roo, Mexico.
- 2009-2012**
- Bachelor's degree (majored with honours, 100 % de credits and average grade 9.16)
Faculty of Sciences of the National Autonomous University of Mexico
Project : Ecology of the cryptic mollusc community (Bivalvia, Gastropoda) of the rocky intertidal zone of Montepio, Veracruz, Mexico.
- 2006-2009**
- Baccalaureate in Life Sciences – Baccalaureate N ° 1 "Gabino Barreda" of the National Autonomous University of Mexico.

PROFESIONAL EXPERIENCE**Profesional Internship**

- February 01 - June 30 2017**
- **Internship Master 2.-** Experimental modification of DNA methylation in *Biomphalaria glabrata*
- Laboratory Interactions Host Pathogen Environements (IHPE) UMR 5244
University of Perpignan (UPVD)-CNRS-Ifremer-University of Montpellier (UM)
References : Dr. Christoph Grunau et Dr. Céline Cosseau

Seasonal job

- August 01 – November 30 2014**
- Turtle sanctuary guard – helping in the arrival of turtles and counting eggs in the nests on the National Coral Reef Park of Puerto Morelos

LANGUAGES

- English fluent (TOEFL IBT-85)
- French fluent (TCF B2)
- Spanish native

SKILLS

- **Molecular Biology**- extraction and quantification of DNA,RNA and proteins; Western blot, PCR
- **Bioinformatics**- Integrative Genomics Viewer (IGV), Sequencher,
- **Statistics**- R studio, Matlab, Image Lab, GraphPad Prism, PRIMER VI, STATISTICA
- **Animal manipulation** - Dissection of invertebrates gastropod and bivalve molluscs, crustaceans)
- **Field sampling**- Sampling of marine invertebrates during scuba diving, and taxonomic identification (molluscs, crustaceans, echinoderms, polychaetes).

CONFERENCES AND COURSES

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- National Crustacean Meeting Alejandro Villalobos Puerto Angel, Oaxaca, Mexico (October 1-5 , 2012)
- The Crustacean Society Mid-Year Meeting San Jose, Costa Rica (July 7-11, 2013)
- 10th International Conference & Workshop on Lobster Biology and Management, Cancun, Mexico (18-23 May, 2014)
- Management of scientific collections imparted by Dr. Rafael Lamaitre from the Smithsonian Institution
- Decapod Fosils imparted by Dr. Francisco Vega from the Institut of Geology, UNAM
- Introduction to R for Data Science imparted by Simon de Lestang from Department of Fisheries Western Australia

ARTICLES

Vassallo, A., Davila, Y., **Luviano**, N., Deneb-Amozurrutia, S., Guadalupe Vital, X., Andres Conejeros, C., ... & Alvarez, F. (2014). Inventory of invertebrates from the rocky intertidal shore at Montepio, Veracruz, Mexico. *Revista Mexicana de Biodiversidad*, 85(2), 349-362.

Lozano-Álvarez, E., **Luviano**-Aparicio, N., Negrete-Soto, F., Barradas-Ortiz, C., Aguíñiga-García, S., Morillo-Velarde, P. S., ... & Briones-Fourzán, P. (2017). Does reef architectural complexity influence resource availability for a large reef-dwelling invertebrate?. *Journal of Sea Research*, 128, 84-91.

HOBBIES

Cultural Sport

Theater and polynesian dance
-2 stars level of SCUBA diving certification from the World Confederation of Underwater Activities (CMAS)
-Mountain ski learner