**Curriculum Vitae**

Full name: LONG BA DAM

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Department of Aquaculture Technology

Faculty of Aquaculture

Nha Trang University

02 Nguyen Dinh Chieu St., Nha Trang City, Vietnam

**EDUCATION**

* 1998: Bachelor in Aquaculture, University of Fisheries, Viet Nam.
* 2001. Bachelor in English, Hanoi University of Foreign Studies, Viet Nam.
* 2006. Master degree in Aquaculture, University of Fisheries, Viet Nam.
* 2008-2016: PhD fellowship in fish physiology, National Taiwan Ocean University, Taiwan.

**RESEARCH INTERESTS**

* Sex differentiation and reversal in fish.
* Reproductive physiology in fish, gonad development.
* Genetics and breading in freshwater fish, freshwater fish farming.
* [Cryopreservation](http://www.biomedexperts.com/Concept.bme/19734/Sex_Differentiation) in aquatic species.
* http://www.biomedexperts.com/Layout/img/chart.png

**RESEARCH EXPERIENCE**

* Basic research with applications to aquaculture, freshwater fish breading and farming.
* Study on sex behavior, sex differentiation and reversal in false- clownfish *(Amphiprion ocellaris)* and orange-spotted grouper *(Epinephelus coioides).*
* Gonadal histology, serum sex steroids, developmental regulation and gene expression of Wnt4, P450 aromatase (P450arom), SF1, Dax1, Dmrt1 and B.catenin in orange-spotted grouper *(Epinephelus coioides).*
* Complex techniques: Gonadal histology, IHC, ISH, FISH, EIA, RT- PCR, Electrophoresis, Western Blotting, Knockout Techniques, DNA and RNA cloning, phylogeny techniques…
* Cryopreservation in aquatic species (carps, seahorse and black tiger shrimp)

**TEACHING RESPONSIBILITY**

# Undergraduate:

* Freshwater Fish Reproduction and Culture
* Histology and Embryology in Aquatic Species
* Freshwater Aquaculture Practices

# Graduate:

**PUBLICATIONS and PRESENTATIONS**

# Journals:

# Presentations:

* Biological characteristics and induced reproduction of climbing fish *(Anabas testudineus)*. Presentation and project reports. University of Fisheries, 2002.
* Cryopreservation of  sperms of silver carp in Nitrogen Liquid (-196oC)
* Cryopreservation of seahorse spermatozoa in Nitrogen Liquid (-196oC),(presentation and project reports, Ministry of Science and Technology, 2006),(presentation and project reports, Ministry of Science and Technology, 2005)
* Cryopreservation of  Spermatozoa of Black Tiger Shrimp (*P. monodon*) in Nitrogen Liquid (-196oC), (presentation and project reports, Ministry of Science and Technology, 2006).
* Wnt4 expression in orange spotted grouper *(Epinephelus coioides)* during gonadal differentiation (presentation and project reports, National Science Council Taiwan, 2013).