

# NGUYEN THI THUY GIANG

## CONTACT DETAILS

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## TEACHING EXPERIENCE

- 7/2003 - present**      **Lecturer** at Department of Brackist Aquaculture, Institute of Aquaculture, Nha Trang University
- Fully responsible for all aspects of course development, instruction, practical training and assessment
    - Aquatic animal pathology
    - Health management strategies in aquaculture
    - Bacterial diseases of aquatic animals
- Consultant** about health management and disease control strategies for aquaculture farms
- Trainer** about disease diagnostic methods and fish health management strategies

## RESEARCH EXPERIENCE

- 1/2013 - present**      **Researcher** in the project: “Common diseases in *Penaeus vannamei* cultured in Ninh Thuan province and developing effective control disease strategies” funded by Department of Science and Technology.
- Researcher** in the project: “Characteristics and transmission of *Perkinsus spp* in mollusc in Vietnam” funded by Ministry of Agriculture and Rural Development (MARD).
- 1/2010- 9/2010**      **Researcher** in the project of seabass (*Lates calcarifer*) cultured by processed feed under the project of Sustainable Development of Aquaculture (SUDA) sponsored by Denmark government. The project performed an environmentally friendly model of seabass culture for sustainable development in Viet Nam. Processed foods were developed to reduce production costs as well as environment management and disease control strategies were accomplished. Also, a study on infectious diseases in farmed seabass was carried out. *Flexibacter sp.* was determined as the major causative agent of the tail/fin rot disease responsible for serious mortalities in marine fish from juvenile until grow-out stage in Vietnam.

**Researcher** in the project “Larval production of Pompano (*Trachinotus blochii* Lacepede, 1801) in Khanh Hoa province and study on diseases occurred in cultured pompano”. Bacterial species *Nocardia sp* were identified to be related to the internal organ white spot disease in cultured snub-nose pompano. This was the first report in Viet Nam regarding *Nocardia sp.* as a pathogen causing a disease and mortality in marine fish species.

**6/2008 - 12/2009**

**Researcher** at the project sponsored by MARD: Study nutritional requirements and developing formulated feed for two lobster species *P. ornatus* and *P. homarus*. The project was aimed to produce formulated feed economic efficiency principle for two lobster species cultured in Viet Nam.

**8/2007 - 8/2008**

**Supervisors' member** for a field vaccination trail against *Photobacterium damsela subsp. piscicida* in cultured cobia *Rachycentron canadum* organised by Nha Trang university, Bayer company, Phagma company and Marine Harvest. The trail was performed in a Marine Harvest's farm located in Viet Nam. The vaccine brought strong protection on vaccinated fish against Photobacteriosis representing on significantly higher relative percent survival (RPS) and better performance than unvaccinated fish. The commercial product became certificated afterward.

**8/2007 - 4/2008**

**Researcher** for the project focusing on milky disease in cage-cultured lobsters in center areas of Viet Nam, sponsored by MARD. An unknown disease causing serious mortalities (reach 100% by few days after the first observed clinical signs) suddenly occurred in cultured lobsters in Viet Nam. Economic losses were estimated about hundreds of billions VND. Rickettsia-like organisms were identified as the main causative agent of milky disease. Control disease strategies were accomplished and applied with positively results.

**8/2004- 8/2005**

**Researcher** of the project sponsored by Norwegian Agency for Development Cooperation (NORAD) for studying on diseases in marine fish in Khanh Hoa province and developing disease control strategies such as herb extracts.