

Internship Placement:

Organization: Minh Phu AquaMekong Co., LTD (ShrimpVet Laboratory)

Address: 307, 1A Highway, Tam Gian Housing Estate, Quarter 6, Linh Trung Ward, Thu Duc District, Ho Chi Minh City.

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Director: Tran Huu Loc, PhD.

Location: Minh Phu AquaMekong Co., LTD (ShrimpVet Laboratory)

1- Project type:

Diagnostics: ShrimpVet has two diagnostics laboratories at 307, 1A Highway, Tam Gian Housing Estate, Linh Trung Ward, Thu Duc Dist., Ho Chi Minh City, Vietnam (founded in 2014) and in Lot 83, Hoa Thanh Hamlet, An Hai Commune, Ninh Phuoc Dist., Ninh Thuan Province, Vietnam (founded in 2015). Those labs are capable of doing relevant diagnostics using microbiology, histology, and molecular biology (PCR). Both labs are accredited by the University of Arizona. The two are only labs in Vietnam that participate in the ring-test twice a year. We are being audit of getting the ISO-17025.

Testing for products: (nutritional research and disease challenge): ShrimpVet testing center is located at ShrimpVet Lab (307, 1A Highway, Tam Gian Housing Estate, Linh Trung Ward, Thu Duc Dist., HCMC, Vietnam), nearby Nong Lam University campus, Ho Chi Minh City. This facility has more than 20 technicians that performing a variety of research: nutrition, disease challenges, technology development, etc. Facilities dedicated for: Specific Pathogen Free (SPF) shrimp production, feed formulation, aquaculture nutrition studies, and challenge studies. The total space of this research center is approximately 10,000 square meters, with 12 different research labs, holding a capacity of over 2,000 individual tanks.

Algae and shrimp seed production (ShrimpVet Dr.Tôm Hatchery, Add: Blocks 97-98, Hoa Thanh Hamlet, An Hai Commune, Ninh Phuoc Dist., Ninh Thuan Province, Vietnam. Tel: (+84) 2593-633-222): In mid-2015, we started to work on improvement of the hatchery/seed production protocol and algae culture technology. In mid-2016 we started constructing two demonstration hatcheries and started to produce high quality clean PL

since Oct 2016 at several demonstration farms. Our hatcheries in combined have a capacity of producing 700 million high quality post larvae/year.

Farming (ShrimpVet Demonstration Farm, Add: Tan Dien Hamlet, Ly Nhon Commune, Can Gio Dist., Ho Chi Minh City, Vietnam): one 6-hectare shrimp farm with 10 ponds. This will be a site for production show case and training to any concerned farmers.

- 2- **Project work description:** Interns or students will be contacted and consulted upon receiving their application or letter of interest to develop activities and schedule. In general, the following research and study areas could be conducted in ShrimpVet Laboratory:
 - Activities for the purpose of research, build, deploy and finishing technology (adaptive research, technology improvement, production process, researchers use and production of biological products using high technology, ...) breeding and testing new varieties, demonstration models of aquaculture (shrimp/fish) production.
 - Exchange of information, knowledge of modern aquaculture.
 - Practice in the experiment
 - Visiting models and empirical research
- 3- **How to get there?** After arriving Tan Son Nhat international airport, Ho Chi Minh city, you can take a taxi to Nong Lam University Campus, Quarter 6, Linh Trung Ward, Thu Duc Dist., Ho Chi Minh City, then walking to ShrimpVet Lab. You can also hire a private car or a taxi to Nong Lam University Campus, Quarter 6, Linh Trung Ward, Thu Duc Dist., Ho Chi Minh City (cost about US\$ 15-20).
- 4- **Living conditions:** There is a guest house belongs to Nong Lam University- Ho Chi Minh City. Each meal costs US\$ 1.0-2.0 on average.
- 5- **Climate:** ShrimpVet Laboratory - Ho Chi Minh City is located in tropical region. Therefore, the weather is warm all year round. There are only 2 seasons per year: Dry season from November to April and rainy season from May to October. The highest air temperature is about 35°C (often occur in April or May) and lowest is about 20°C (occur in December or January).
- 6- **Culture:** It is important to respect local culture and traditions. Cover-up dresses are required. Dress conservatively; casual clothing is suitable while working at the shrimp/fish farm; T-shirts, shorts and sandals are appropriate.
- 7- **Host is happy to provide:**
 - Subsidized rate for food wherever possible
 - Office space and internet access
 - Other materials for research, if needed
- 8- **Interns are responsible for the followings:**
 - International airfare (please check with your University, may have this provision)
 - Transportation from and to the airport

- Fees for visa/passport
- Food and drink
- Any cost of trips, trainings, and others arranged personally
- Insurance and cost of damages due to personal negligence

9- **Miscellaneous:** Travel medical kit, light mosquito net, insect repellent, sleeping bag, flash light, umbrella or rain coat, towel and toiletries. If you need to buy them, they are available locally at cheap prices.