Faculty of Agriculture, Kasetsart University
Department of Entomology, Bangkhen, Bangkok 10900 Thailand
Veterinary and Medical Entomology Laboratory

Under the direction of Theeraphap Chareonviriyaphap, Ph.D.
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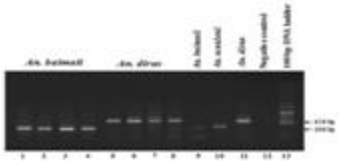
Interdisciplinary research emphasizing on medical and veterinary insects in both field and molecular aspects for insects of veterinary and public health.

Research Programs

Research programs include medical and veterinary entomology, urban entomology, vector surveillance, Geographic Information System (GIS), and vector control.



Research Team

Ms.Wanapa Ritthison, Ph.D student
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Ms. Patcharawan Sirisopa, M.Sc. student
Mr. Jirod Nararak, M.Sc. student
Mr. Nattapol Marasri, M.Sc. student
Mr. Denphum Wongtangsiri, M.Sc. student
Mr. Passakorn Chaimanee, M.Sc. student

Past students

Mr. Vithee Muenworn, Ph.D
Mr. Chatchai Tananchai, M.Sc.
Mr. Suntorn Pimnon, M.Sc.
Ms. Monthathip Kongmee, Ph.D
Ms. Nantawan Suwannachote, M.Sc.
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Ms. Suppaluk Poolsomboon, M.Sc.
Mr. Sungsit Sungvornyothin, Ph.D.
Mr. Suparada Sukhondhabhirom, Ph.D.
Ms. Jinrapa Pothikasikorn, Ph.D.
Ms. Kanutchari Thanispong, Ph.D.
Mr. Pisit Poolprasert, M.Sc.
Ms. Piyanuch Chantarumporn, M.Sc.
Ms. Sommawan Netthanonsak, M.Sc.
Ms. Staporn Huntamai, M.Sc.

Medical and Veterinary Entomology

This program offers the major aspects of the complex interactions between men, animals and arthropods which may lead to human diseases. Program covers the following topics, epidemiology of vector borne diseases and prevention and control.

Vector Surveillance and Geographic Information System

Biology, ecology and vector density as it relates to the epidemiology patterns of vector borne disease in human population. Characterization the specific ecological relationships of disease vectors and habitats for the use of GIS to predict the temporal and spatial distribution of vector populations

Urban and periurban entomology

Insect pests of men and animals including other arthropods notably tick and mite of medical importance are of importance. House fly and stable fly are included as pest of human in urban and periurban area. Genetics and phylogeny relationships between stable fly populations are one of the most interesting subjects.

Full time staff:
Mrs. Sasithorn Yamwanpen
Mr. Chaimongkol Promchu
Ms. Anchana Sumarnrote
Ms. Nithipa Kwansomboon
Mr. Sanor Muangwan

Vector control

Vector control in one of the successful methods to combat the vector borne diseases. This techniques include chemical control, genetic control, environmental control as well as insect repellent. Our laboratory is the first lab in Thailand to recognize the three actions of insecticides used in vector control. Field station has been established at Sai Yok District, Kanchanaburi Province to test the repellent compounds. Now we also have been conducted research project "Dengue and Malaria Vector Control Strategies and Prevention of Human Vector Contact in Thailand (STOP-VEC)"