

CURRICULUM VITAE

Name Ms. Tarinee Chaiwong

Place of birth Nan Province, Thailand

Date of birth September 9, 1978

Age 29

Marital status Single

Education

B.Sc. (Medical Technology)	Faculty of Associated Medical Science, Chiang Mai University (Thailand), 2001
M.Sc. (Parasitology)	Faculty of Medicine, Chiang Mai University (Thailand), 2003

Future work office College of Medicine and Public Health, Ubon Rajathanee
University, Ubon Rajathanee Province, 34190 Thailand

Research Emphasis

Medical Entomology
Forensic Entomology

Publications

1. Sukontason KL, Sukontason K, Piangjai S, Boonchu N, **Chaiwong T**, Vogtsberger RC, Kuntalue B, Thijuk N, Olson JK (2003) Larval morphology of *Chrysomya megacephala* (Fabricius) (Diptera: Calliphoridae) using scanning electron microscopy. J Vector Ecol 28:47-52
2. Sukontason K, Sukontason KL, Piangjai S, Boonchu N, **Chaiwong T**, Vogtsberger RC (2003) Mouthparts of *Megaselia scalaris* (Loew) (Diptera: Phoridae). Micron 34:345-350
3. Sukontason K, Sukontason KL, Piangjai S, **Chaiwong T**, Boonchu N, Kurahashi H (2003) Hairy maggot of *Chrysomya villeneuvei* (Diptera: Calliphoridae), a fly species of forensic importance. J Med Entomol 40:983-984
4. Sukontason K, Sukontason KL, Piangjai S, **Chaiwong T**, Boonchu N, Kurahashi H, Vogtsberger RC (2003) Larval ultrastructure of *Parasarcophaga dux* (Thomson) (Diptera: Sarcophagidae). Micron 34:359-364
5. Sukontason K, Sukontason KL, Vogtsberger RC, Boonchu N, **Chaiwong T**, Piangjai S (2003) Prestomal teeth of some flies of medical importance. Micron 34:449-452
6. Sukontason K, Sukontason KL, Piangjai S, Boonchu N, **Chaiwong T**, Ngernklun R, Sripakdee D, Vogtsberger RC, Olson JK (2004) Antennal sensilla of some forensically important flies in the families Calliphoridae, Sarcophagidae and Muscidae Micron 35:671-679

7. Boonchu N, Sukontason K, Sukontason KL, **Chaiwong T**, Piangjai S, Vogtsberger RC (2004) Observations on first and second-instar larvae of *Megaselia scalaris* (Loew) (Diptera: Phoridae). J Vector Ecol 29:79-83
8. Sukontason K, Sukontason KL, Boonchu N, **Chaiwong T**, Piangjai S (2004) Ultrastructure of eggshell of *Chrysomya nigripes* (Diptera: Calliphoridae) Parasitol Res 93:151-154
9. Sukontason K, Sukontason KL, Piangjai S, Choochote W, Boonchu N, **Chaiwong T**, Kurahashi H (2004) Fine structure of the eggs of blowflies *Aldrichina grahami* and *Chrysomya pacifica* (Diptera: Calliphoridae) Biol Res 37:483-487
10. Sukontason KL, Vogtsberger RC, Boonchu N, **Chaiwong T**, Sripakdee D, Ngern-klun R, Piangjai S, Sukontason K (2004) Larval morphology of *Chrysomya nigripes* Aubertin (Diptera: Calliphoridae), a fly species of forensic importance J Med Entomol 42:233-240
11. Sukontason KL, Sukontason K, Vogtsberger RC, Piangjai S, Boonchu N, **Chaiwong T** (2005) Ultramorphology of eggshell of flesh fly, *Liosarcophaga dux* (Diptera: Sarcophagidae) J Med Entomol 42:86-88
12. Sukontason K, **Chaiwong T**, Tayutivutikul J, Somboon P, Choochote W, Piangjai S, Sukontason KL (2005) Susceptibility of *Musca domestica* and *Chrysomya megacephala* to Permethrin and Deltamethrin in Thailand. J Med Entomol 42: 812-814
13. Sukontason K, Sukontason KL, Vogtsberger RC, Boonchu N, **Chaiwong T**, Piangjai S, Disney H (2005) Ultrastructure of coeloconic sensilla on

postpedicel and maxillary palp of *Megaselia scalaris* (Loew) (Diptera: Phoridae) Ann Entomol Soc Am 98:113-118

14. Sukontason KL, Narongchai P, Sripakdee D, Sukontason KL, Boonchu N, **Chaiwong T**, Ngern-klun R, Piangjai S, Sukontason K (2005) First report of human myiasis caused by *Chrysomya megacephala* and *Chrysomya rufifacies* (Diptera: calliphoridae) in Thailand, and its implication in forensic entomology J Med Entomol 42:702-704

15. Sukontason KL, Narongchai P, Kanchai C, Vichairat K, Piangjai S, Boonsriwong W, Boonchu N, Sripakdee D, **Chaiwong T**, Kuntalue B, Siri Wattanarungsee S, Sukontason K (2005) Morphological comparison between *Chrysomya rufifacies* (macquart) and *Chrysomya villeneuvei* Patton (Diptera: Calliphoridae) puparia, forensically important blow flies Forensic Sci Int 154:195-199

16. Sukontason KL, Kanchai C, Piangjai S, Narongchai P, Boonsriwong W, Bunchu N, Sripakdee D, **Chaiwong T**, Kuntalue B, Siri Wattanarungsee S, Sukontason K (2006) Morphological observation of puparia of *Chrysomya nigripes* (Diptera: Calliphoridae) from human corpse Forensic Sci Int 161:15-19

17. Sukontason KL, Bunchu N, Methanitikorn R, **Chaiwong T**, Kuntalue B, Sukontason K (2006) Ultrastructure of adhesive device in fly in families calliphoridae, muscidae and sarcophagidae, and their implication as mechanical carriers of pathogens Parasitol Res 98:477-481

18. Sukontason KL, Piangjai S, Bunchu N, **Chaiwong T**, Sripakdee D, Boonsriwong W, Vogtsberger RC, Sukontason K (2006) Surface ultrastructure

of the puparia of the blow fly, *Lucilia cuprina* (Diptera: Calliphoridae), and flesh fly, *Liosarcophaga dux* (Diptera: Sarcophagidae) Parasitol Res 98:482-7

19. Sukontason KL, Bunchu N, **Chaiwong T**, Kuntalue B, Sukontason K (2007) Fine structure of the eggshell of the blow fly, *Lucilia cuprina*. J Insect Sci 7:Article 9
20. **Chaiwong T**, Sukontason KL, Chaithong U, Olson JK, Kurahashi H, Sukontason K (2007) Male genitalia of flesh fly *Parasarcophaga* (*Liosarcophaga*) *dux* (Diptera: Sarcophagidae) revealed by scanning electron microscopy. J Am Mosq Control Assoc 23:80-83
21. Sukontason K, Narongchai P, Kanchai C, Vichairat K, Sribanditmongkol P, Bhoopat T, Kurahashi H, Chockjamsai M, Piangjai S, Bunchu N, Vongvivach S, Samai W, **Chaiwong T**, Methanitikorn R, Ngern-Klun R, Sripakdee D, Boonsriwong W, Siri Wattanarungsee S, Srimuangwong C, Hanterdsith B, Chaiwan K, Srisuwan C, Upakut S, Moopayak K, Vogtsberger RC, Olson JK, Sukontason KL (2007) Forensic entomology cases in Thailand: a review of cases from 2000 to 2006. Parasitol Res 101:1417-1423
22. Sukontason K, Methanitikorn R, **Chaiwong T**, Kurahashi H, Vogtsberger RC, Sukontason KL (2007) Sensilla of the antenna and palp of *Hydrotaea chalcogaster* (Diptera: Muscidae). Micron 38:218-223
23. Kurahashi H and **Chaiwong T** (2007) Two new species of *Protomiltogramma* from Thailand (Diptera: Sarcophagidae). Jpn J syst Ent 13(2):173-8
24. **Chaiwong T**, Sukontason K, Olson JK, Kurahashi H, Chaithong U, Sukontason KL (2008) Fine structure of the reproductive system of

Chrysomya megacephala (Diptera: Calliphoridae): the external sexual organ.

Parasitol Res 102:973-980

25. Sukontason KL, **Chaiwong T**, Piangjai S, Upakut S, Moopayak K, Sukontason K (2008) Ommatidia of blow fly, house fly, and flesh fly: implication of their vision efficiency. Parasitol Res 103:123-131
26. Sukontason KL, Sribanditmongkol P, **Chaiwong T**, Vogtsberger RC, Piangjai S, Sukontason K (2008) Morphology of immature stages of *Hemipyrellia ligurriens* (Wiedemann) (Diptera: Calliphoridae) for use in forensic entomology applications. Parasitol Res (In press)

Grants

1. Royal Golden Jubilee Scholarship Program of the Thailand Research Fund (the seventh generation).
2. Scholarship of the staff Development Program of the Commission on Higher Education (Formerly named the Thai Ministry of University Affairs) committed with Ubon Rajathanee University, Thailand. To study Ph.D. program.

Trainings

1. Forensic Entomology at Department of Entomology, Texas A & M University, Texas, USA
2. Medical and Veterinary Entomology at Department of Entomology, Texas A & M University, Texas, USA

3. Identification of flesh fly (Diptera: Sarcophagidae) at Department of Entomology, National Institute of Infectious Disease and International Department of Dipterology, Tokyo, Japan

Poster Presentation in International Conferences

1. **Chaiwong T**, Sukontason K, Sukontason KL, Boonchu N, Piangjai S. Baits for attractant adult blow fly *Chrysomya megacephala* (Diptera: Calliphoridae). The Joint International Tropical Medicine Meeting 2002, 20-22 November in Bangkok, Thailand.
2. Boonchu N, Sukontason K, Sukontason KL, **Chaiwong T**, Piangjai S. Fumigant toxicity of vetiver oil for *Chrysomya megacephala* (Fabricius) (Diptera: Calliphoridae). The Joint International Tropical Medicine Meeting 2002, 20-22 November in Bangkok, Thailand.
3. **Chaiwong T**, Sukontason K, Sukontason KL, Somboon P, Choochote W, Tayutivutikul J. Susceptibility of *Musca domestica* and *Chrysomya megacephala* (F) in Chiang Mai, Thailand to Permethrin and Deltamethrin. The Joint International Tropical Medicine Meeting 2004, 29-30 November in Bangkok, Thailand.
4. Boonchu N, Sukontason KL, Sukontason K, **Chaiwong T**, Piangjai S, Olson JK. Tolerance on starvation of housefly, *Musca domestica* L. (Diptera: Muscidae) and blowfly, *Chrysomya megacephala* (F.) (Diptera: Calliphoridae). The Joint International Tropical Medicine Meeting 2004, 29-30 November in Bangkok, Thailand.

5. **Chaiwong T**, Sukontason K, Olson JK, Kurahashi H, Chaithong U, Sukontason KL Fine structure of the genitalia of the blow fly *Chrysomya megacephala* (F.) (Diptera:Calliphoridae) The Joint International Tropical Medicine Meeting 2007, 29-30 November in Bangkok, Thailand.

Oral Presentation

1. **Chaiwong T**, Sukontason K, Olson JK, Kurahashi H, Chaithong U, Sukontason KL. Electron microscopic observation on the reproductive system of the adult blow fly *Chrysomya megacephala* (Diptera:Calliphoridae). The 8th RGJ congress, 20-22 April 2007 in Chonburi, Thailand.