References

- Andajani S and Sustini F. (1999). Housewives' behavior towards control of DHF in Surabaya, Indonesia. Dengue Bulletin Volume 23, (December).
- Anspaugh DJ, Dignan MB, Anspaugh SL. (2000). The health belief model. Developing health promotion programs. 1st edition. pp 58, 59.
- Australian Department of Health Ageing. (2001). Dengue Fever (on-line). Available from: <u>http://www.health.gov.au/pubhlth</u>
- Beyrer, C. (1999). The health and humanitarian situation of Burmese populations along the Thai-Burma border (on-line).

Available from: http://www.burmadebate.org/archives/bdfall99.html

Bohra A and Andrianasolo H. (2001). Application of GIS in modeling of dengue risk based on socio-cultural data: case of Jalor, Rajasthan, India.

Brown KM. (1999). Health Belief Model (online). Available:

http://www.med.usf.edu/~kmbrown/Health_Belief_Model_Overview.htm

CDC, Division of Vector-Borne Infectious Diseases. (2001). Dengue Fever Home Page (online). Available from: http://www.cdc.gov/ncidod/dvbid/dengue/

- Chiaravalloti Neto F, de Moraes MS, Fernandes MA. (1998). Results of activities encouraging community participation in dengue control in an outlying neighborhood of Sao Jose do Rio Preto, Sao Paulo, and the relationship between the population's knowledge and habits. Cad Saude Publica. 1998; 14 Suppl 2: 101-9.
- Donalisio MR, Alves MJ, Visockas A. (2001). A survey of knowledge and attitudes in a population about dengue transmission—region of Campinas Sao Paulo, Brazil—1998. Rev Soc Bras Med Trop. 2001 Mar-Apr;34(2): 197-201. PubMed.
- Daniel WW.(1987). Determination of sample size for estimating proportions. <u>Biostatistics: a foundation for analysis in the health sciences</u>. 4th ed. New York: John Wiley & Sons:155.
- Hairi F, Ong CH, Suhaimi A, Tsung TW, bin Anis Ahmad MA, Sundaraj C, Soe
 MM. (2003). A knowledge, attitude and practices (KAP) study on dengue
 among selected rural communities in the Kuala Kangsar District, Malaysia.
 Asia-Pacific Journal of Public Health vol.15 No. 1.
- Halstead SB. (1992). The 20th century dengue pandemic: need for surveillance and research. World health stat Q 1992; 45:292-8. PubMed.

- Huu TN. (1998). Factors affecting DHF prevention behavior. Unpublished master's thesis, Mahidol University, Bangkok, Thailand.
- Kittigul L, Suankeow K, Sujirarat D, Yoksan S. (2003). Dengue HemorrhagicFever: Knowledge, Attitude and Practice in Ang Thong Province, Thailand.South-East Asian J Trop Med Public Health: Vol 34 No.2 (June)
- Kroeger A, Dehlinger U, Burkhardt G, Atehortua W, Anaya H, Becker N. (1995).
 Community based dengue control in Columbia: people's knowledge and practice and the potential contribution of the biological larvicide Bti (Bacillus thuringiensis israelensis). Liverpool School of Tropical Medicine.
 U.K. Trop Med Parasitol 46(4) (Dec): 241-6.
- Lifson A. (1996). Mosquitoes, models, and dengue. Lancet 347:1201-2. Pubmed.

Ministry of Public Health, Thailand. (2002). Thailand Health Profile.

- Mortimer R. (1998). Aedes aegypti and Dengue Fever. Micscape on-line magazine. Available: http://www.microscopy-uk.net
- Pan American Health Organization. (2000). Epidemiological Bulletin Vol. 21, No.2 (online). http://newweb.www.paho.org/english/sha/eb_v21n2-cov.htm

- Prasittisuk C, Andjaparidze A. G. and Kumar V. (1998). Current Status of Dengue/Dengue Haemorrhagic Fever in WHO South-East Asia Region. Dengue Bulletin Volume 22 (December).
- Quan P. (2001). Preventive practice for dengue and dengue hemorrhagic fever and its correlating factors of PhongDien townlet residents in Thua Thien Hue Province, Vietnum. Unpublished master's thesis, Mahidol University, Bangkok, Thailand.
- Rosenbaum J, Nathan MB, Ragoonanansingh R, Rawlins S, Gayle C, Chadee DD, Lloyd LS. (1995). Community participation in dengue prevention and control: a survey of knowledge, attitude, and practice in Trinidad and Tobago. Am J Trop Med Hyg. Aug: 53 (2); 111-7.
- Rosenstock IM, Strecher VJ and Becker MH. (1994). Developing Effective Behavior Change Interventions, Fishbein M, University of Illinois. Page 3.
- Singh S. (2003). Migrant workers push key legal test in Thailand. Asia Pacific forum on women, law and development. Forum news vol. 16 No.2 Aug-Sep 2003 (online). Available from: <u>http://www.apwld.org/vol</u> 162-06.htm
- Swaddiwudhipong W, Lerdlukanavonge P, Khumklam P, Koonchote S, Nguntra P, and Chaovakiratipong C. (1992). A survey of knowledge, attitude, and practice of the prevention of Dengue Hemorrhagic Fever in an urban

community of Thailand. Southeast Asian J Trop Med Public Health. 23(2) (Jun): 207-11

- Van Benthem B H, Khantikul N, Panart K, Kessels P J, Somboon P, Oskam L . (2002). Knowledge and use of prevention measures related to dengue in northern Thailand. Trop Med Int Health. 7(11) (Nov):993-1000
- World Health Organization (WHO). (1997). Chapter 1: General considerations. DHF diagnosis, treatment, prevention & control. 2nd edition. p 9.

WHO. (1999). Regional guidelines on dengue prevention and control.

- WHO. Revised April 2002. Fact Sheet No. 117 (online). Available from: http://www.who.int/inf-fs/en/fact117.html
- WHO. (2002). Management of Dengue Epidemic SEA/Haem.Fev./68 (online) Available from: <u>http://w3.whosea.org/denguethailand/intro.htm</u>
- WHO. (2003). Situation of Dengue/Dengue Haemorrhagic Fever in the South-East Asia Region.Available from: http://w3.whosea.org/dengue/fever.htm

APPENDICES

No.	Items	Unit	Price (in	Unit	Total
			Thai Baht)	Number	Budget
1	Pre-testing in Bangkok				
	-Transport	Time	100	1	100
	-Respondents	Person	30	20	600
2	Data Collection				
	-Transport	Time	900	1	900
	-Interviewers	Person	500	9	4,500
	-Photocopy	Page	0.5	930	465
	-Guest house	Day	300	4	1,200
3	Preparation and				
	completion of the thesis		8,000		8,000
	paper				
	TOTAL				15,765

APPENDIX A: SURVEY BUDGET

No.	Activities	N	love	emb	er	D	ece	emb	er		Jan	uar	y	F	ebr	uar	y		Ma	rch			Ap	oril			M	ay	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1	Writing Prpopsal	家																											
2	Consulting advisor		家	19	蜜	い	6	蒙	腹	10	A.M.	皆	100 A	举	32	1	物	100		3	清		200	德	影		58	32	Sec.
3	Submit first draft			語	12																								
4	Revise first draft						國				1																		
5	Submit for proposal exam							(iii)	6°E		1																		
6	Proposal exam									20																			
7	Revise proposal		-	-							1																		
8	Pre- testing instrument								\square			P.																	
9	Training of Interviewers												25																
10	Data collection																												
11	Data management													183	1.44														
12	Data analysis															10	13.24	No.											
13	Report writing																		15		932	12							
14	Submit for final defense		\square																				17.	100					
15	Thesis exam			1																					部				
16	Revision																										3	撼	
17	Submit as the final product								Ì																				

APPENDIX B: SCHEDULE OF ACTIVITIES

	 rview
	rview
1. Age	
(i) 15-20 years (iv) 41-50 years	
(ii) 21-30 years (v) 51-60 years	
(iii) 31-40 years	
2. Education	
(i) Never attend school (iv) High school	
(ii) Primary school (v) College/University	
(iii) Middle school (vi) Others (please spe	cify)
3. Race	
(i) Myanmar (iii) Mon	
(ii) Karen (iv) Others (please spe	cify)
4. Occupation	
(i) House wife (iii) Factory worker	
(ii) Street vender (iv) Others (please spe	cify)
5. Marital status	
(i) Single (iii) Divorced	
(ii) Married (iv) Widow	
6. Monthly family income	
(i) <3000 Baht (iii) 4001-5000 Baht	
(ii) 3000-4000 Baht (iv) >5000 Baht	

7. How long have you been living in Mae Sot?

(i) \leq 6 months	
(ii) 6 months – 1 year	
(iii) 1 year and 1 month -2 years	
(iv) 2 years and 1 month $-$ 3 years	
(v) > 3 years	

Part II: Source of Information about Dengue Fever

1. Have you ever received information about Dengue Fever? (If yes, please answer question number 2).

Yes	No	

2. Which of the following source has ever given you information about Dengue Fever most?

(i) Thai television	
(ii) Myanmar television	
(iii) Myanmar newspaper	
(iv) Myanmar magazine	
(v) Pamphlet	
(vii) Others (please specify)	

3. Has anyone in your family/friends ever suffered from Dengue Hemorrhagic Fever?

Yes	No	

Part III: Basic Knowledge about Dengue Fever

(1) Dengue Fever is transmitted by the mosquito, which is black color with white spots on the body.

Yes	
No	
I don't know	

(2) Mosquitoes transmitting Dengue Fever, bite during the day time.

Yes	
No	
I don't know	

(3) Without mosquitoes, Dengue Fever cannot spread directly from person to person.

Yes	
No	
I don't know	

(4) The mosquito that transmits dengue lays its eggs in dirty sewage water.

Yes	
No	
I don't know	

(5) Symptoms of Dengue Fever include high fever, body aches and pain, and skin rashes.

Yes	
No	
I don't know	

(6) There is no specific medication for treatment of Dengue Fever.

Yes	
No	
I don't know	

(7) The mosquito that spreads dengue prefer living in the forest rather than living in and around human dwellings.

Yes	
No	
I don't know	

(8) The mosquito that transmits dengue usually lays its eggs in clean and clear water stored in water containers in the house.

Yes	
No	
I don't know	

(9) Discarded bottles, old tyres, and coconut shells outside the house can be breeding places for mosquitoes.

Yes	
No	
I don't know	

(10) The best preventive measure for residents living in areas infested with dengue transmitter mosquitoes is to eliminate the places where the mosquito lays her eggs.

Yes	
No	
I don't know	

Part IV: Attitude regarding Dengue Fever

No.	Questions	Agree	Disagree
1.	I think, anyone can get Dengue Fever.		
2.	If one of my family members has Dengue Fever,		
	I am afraid of getting it too.		
3.	Dengue infection is dangerous because it can harm		
	our lives.		
4.	I think a strong and healthy child is less likely to		
	suffer from DHF than a weak and low immune child.		
5.	In my opinion, Dengue Fever can be spread from		
	person to person like common cold spread.		
6.	I believe that after a dengue patient has recovered from		
	his/her illness, he/she will not get Dengue Fever again.		
7.	I think one can recover from DHF spontaneously		
	without any treatment.		
8.	Mosquitoes are always biting me but I never get		
	Dengue Fever; therefore I believe that not all people		
	getting mosquito bites are at risk of Dengue Fever.		

Part V: Practices regarding Dengue Fever Prevention

- 1. Are there wild grasses and/or bushes around your house?
 - No

Yes

If yes, please answer question number 2.

- 2. How often does your family get rid of those wild grasses and/or bushes?
 - (i) Once a week
 (ii) Once every two weeks
 (iii) Once every three weeks
 (v) Never
 (vi) Others (please specify) ------

3.	Do	vou	protect	vou	and	vour	family	y from	mosqu	uito	bites	during	day	time?

No	Yes

If yes, please answer question number 4.

4. Which of the following methods do you use to protect you and your family from mosquito bites during day time?

(i) Mosquito repellants	(iii) Screen the house
(ii) Mosquito coils	(iv) Others (please specify)
5. Do you cover the water c	ontainers in your house?

No		Yes		
----	--	-----	--	--

6. Do you put abate sand into water containers in your house?

No	Yes	

If yes, please answer question number 7.

7. How often do you put abate sand into water containers in your house?

(i) Once every six weeks	(i	ii) Once every three months	
(ii) Once every two months	[] (i	v) Others (please specifiy)	

8. Do you clean and change water in water containers in your house?

No		Yes	
----	--	-----	--

If yes, please answer question number 9.

9. How often do you clean and change water in water containers in your house?

(i) Once a week	(iv) Once a month
(ii) Once every two weeks	(v) Others (please specify)
(iii) Once every three weeks	

10. Does your house use ant traps?

(iii) Once every three weeks

No	Yes	

If yes, please answer question number 11.

11. Which of the following methods do you use to prevent mosquito breeding in ant traps?

(i)Put oil into ant traps.	(iv) Put abate sand into ant trap water.
(ii) Put salt water into ant traps.	(v) Put water only.
(iii) Put detergent into ant traps.	(vi) Other methods (please specify)
12. Do you have flower vases in you	r house?
No Yes	
If yes, please answer question nu	imber 13.
13. How often do you clean and cha	nge water in flower vases in your house?
(i) Once a week	(iv) Once a month
(ii) Once every two weeks	(v) Others (please specify)

60

CURRICULUM VITAE

Name:	Ms. Hmwe Hmwe Kyu	
Date of Birth:	09 February, 1975	
Place of Birth:	Taunggyi, Shan State, Myanmar	
Nationality:	Myanmar	
Marrital Status:	Married	
Education:	2002 M.B.,B.S (Institute of Medicine, Mandalay, Myanmar)	
Work experience:	General Practitioner (March 2002-April 2003)	
Email:	hmwe_kyu@yahoo.com, hmwe_kyu@hotmail.com	