

Curriculum Vitae

Dr. Myo Nyein Aung

MBBS, MSc (Mahidol), PhD (Juntendo)

Name	MYO NYEIN AUNG	
Salutation	Dr.	
Age	40	
Gender	Male	
Nationality	Myanmar	
Religion	Buddhist	
Occupation	Researcher, medical doctor	
	Public health, medical education and clinical research	
Emails	Myo.N@chula.ac.th	
ORCID ID	orcid.org/0000-0001-8175-6309	
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Academic achievement		
1	Post-doctorate (2014-2016)	Medical Education Unit, Faculty of Medicine, Chulalongkorn University, Thailand
2	Collaborative research fellowship (2011-2014)	Department of Public Health, Graduate School of Medicine, Juntendo University , Tokyo, Japan
3	PhD (Medicine: Public Health) (2010-2013)	Department of Public Health, Graduate School of Medicine, Juntendo University , Tokyo, Japan
4	MSc. Tropical medicine (<i>clinical research</i>) (2008-2010)	Bangkok School of Tropical Medicine, Mahidol University , Thailand
5	MBBS (1995-2002)	University of Medicine, Mandalay , Myanmar
Award		
1	Senior Postdoctoral Fellowship Jan 2015 to Dec 2017	Ratchadaphiseksompot Endowment, Graduate School, Chulalongkorn University, Thailand
2	Postdoctoral Research Fellowship May 2014-April 2015	Ratchadaphiseksompot Endowment, Graduate School, Chulalongkorn University, Thailand
3	DAAD scholarship 2008-2009, 2009-2010	German academic exchange service, Germany

Specialty		
1	Public health	
2	Medical education	
3	Clinical research	
Interest		
1	Teaching research methodology and public health	
2	Educational research and medical education	
3	Global health	Global burden diseases
4	Communicable diseases	TB, HIV, Malaria, hepatitis B
5	Non-communicable diseases	Cardiovascular diseases, diabetes, hypertension, life style related diseases
6	Smoking and tobacco control	
7	Aging and long term care	
8	Migrant health	
9	Clinical trials	
10	Public health intervention	

Expertise and research areas

Public health

Medical education

Clinical research

Tropical diseases research

Advanced and basic bio statistical analysis

Research methodology in health

Teaching clinical methods

Literature search and referencing

Publication and writing reports

He has track records of publication in recent years. Last year he submitted 5 manuscripts to ISI and SCOPUS indexed international journals.

Non-profit research and academic contributions

Associate Editor. Journal of Infection in Developing Countries, Italy (JIDC)

Member, Editorial board, Global Journal of Health Science, Canadian Center of Science and Education, Toronto, Canada

Member Editorial board, Korea Journal of Medical Education

Reviewer

Reviewer, Medical Education

Reviewer, Korea Journal of Medical Education

Reviewer, BMC Medical Education

Reviewer, Journal of Nursing and Health Science, Japan (NHS)

Reviewer, BMC Public Health, UK

Reviewer, Lung India, India

Reviewer, Open Medicine (OM), Canada

Reviewer, Canadian Medical Association Journal (CMAJ) Canada

Reviewer, International Journal of General Medicine, New Zealand (IJGM)

Reviewer, Journal of Research and Report in Tropical Medicine, New Zealand

Reviewer, HIV/AIDS research and palliative care, New Zealand

Reviewer, African Journal of Microbiology research (AJMR)

Reviewer, Mae Jao University Science and Technology Journal, Thailand

Reviewer, Asian Biomedicine

Reviewer, Health and quality of life outcomes

Membership:

1. International Member of Japanese Society of Tropical Medicine (JSTM)
2. Member of International Society of Infectious Diseases (ISID)
3. Member of Alumni of DAAD (The German Academic Exchange Service) scholarship holder
4. Life time member, Myanmar Medical Association
5. Affiliate member, publication ethics and integrity

Current Work

He started visiting professor at Faculty of Medicine Chulalongkorn University in 2014 May.

1. **2014 to the present:** Program manager and lecturer for WHO collaborating center for medical education, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand: the project titled "To improve teaching public health in undergraduate medical school in Southeast Asia." It covered 11 countries in Southeast Asia.

2. **2014 to the present:** Senior post-doctoral researcher, Chulalongkorn University

3. **2014 to the present:** Lecturer for the MSc health and development courses, Faculty of Medicine, Chulalongkorn University

- Teaching research methodology in Master of Health and Development Class at Faculty of Medicine, Chulalongkorn University for the following topics
 - Implementing research after developing proposal: challenges and lessons
 - Sample size estimation and approaches in data analysis
 - Collaborative research
 - Literature review

4. **2012 to the present:** Post graduate lecturer for the MPH class, weekend classes at Department of Public Health, Chaing Mai Rajabat University, Chiang Mai, Thailand.

- Title: Research methodology in health science and public health
- The whole course

5. Author

6. Public health consultant

7. Editor and reviewer

Previous work

He was a teacher in medical schools, graduate schools, nursing school and public health school. He worked as international health consultant for USAIDS and JICA. He also worked as research and publication consultant.

2013 to 2014: International consultant of Japan International cooperation agency JICA, for

- (1) Myanmar for health system strengthening in 2013
- (2) Grant-aid for National Malaria elimination in 2014.

2012 April: USAIDS consultant, Thailand: for USAIDS-funded TB control program, Family Health International (FHI 360)'s Asia Pacific Regional office, reporting USAIDS about situation in Thailand regarding prevention of multi-drug resistant TB for Greater Mekong Sub-region. The project sites are in Rayong and Maesot.

2011 to 2014 April: Collaborative researcher, Department of Public Health, Juntendo University, Graduate School of Medicine, Tokyo, Japan:

Clinical trial manager at study site in Thailand

- ESCAPE trial (Trial registration number ISRCTN89315117)
Evidence based new service package vs. routine package to stop smoking: A randomized controlled trial for prevention of cardiovascular disease, Maetha hospital Lampang, Thailand (Trial Manager)
- RESIP-CVD trial (Trial registration number ISRCTN39416277)
Reducing salt intake for prevention of cardiovascular diseases: a cluster randomized trial in northern Thailand (Trial designer 2011 January -2012 February)

2011-2013 International publication consultant and instructor, Boromrajonani College of Nursing, Lampang, Thailand

2010-2011 February: Postgraduate Lecturer, Department of Epidemiology, University of Public health, Yangon, Union of Myanmar (2011 February to 2011 June)

2009- 2011: Collaborative clinical researcher in the field of tuberculosis, HIV, and hepatitis B in Thailand

2007-2010: Senior Lecturer, Department of Pharmacology, University of Medicine, Mandalay, Union of Myanmar (2007 April-2011 February)

2003-2007 Lecturer, Department of Pharmacology, University of Medicine, Magway, Union of Myanmar

2003 to 2010 licensed medical practitioner in general practice, Myanmar

2002-2003: House Medical officer, Magway divisional hospital, Magway, Central Myanmar

Current program activity

1. WHO Regional program on improving public health teaching in undergraduate medical school in Southeast Asia, WHO collaborating center for medical education, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

Current research projects

Medical education researches

1. Oversea elective medical students to developing countries: Host perspectives (Ongoing study, a collaboration among six countries: Japan, U.S, U.K, Canada, Thailand and Tanzania)
2. Standard setting: validating a new students' center approach of standard setting in medical education, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand (Ongoing study)
3. A regional survey of public health competencies addressed in undergraduate curriculums in Southeast Asia region (Proposed study)
4. New medical students' motivation to study to become medical doctors and their expectation in career, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand (Ongoing study)

Public Health and global health researches

1. ESCAPE trial: Evidence based new service package vs. routine package to stop smoking: A randomized controlled trial for prevention of cardiovascular disease, Maetha hospital Lamphang, Thailand (Trial registration number ISRCTN89315117)
2. HIV: Task-shifting of antiretroviral therapy management to primary health care setting, Chiang Mai, Thailand
3. An exploratory study of aging care and longevity among senior citizens older than 80 years in Chiang Mai, Thailand

4. Assessing HIV aged patients' health condition, their need for health care and medical service "a hospital-based study in Chiang Mai, northern Thailand"

(Ongoing study)

5. Migrant health project: Adaptation of migrant workers to Thailand and implication on health

(Ongoing study)

International Publications

Original articles and reviews

No.	Year	Title
20	2016	Aung MN , Moolphate S, Aung TNN, Katonyoo C. Khamchai S, Wannakrairot P. The social network index and its relation to later life depression among the elderly aged 80 years and older in northern Thailand, Journal of clinical interventions in aging, 2015 December (in peer review)
		First and Corresponding author
19	2016	Aung MN , Somboonwong J, Jaronvanichkul V, Wannakrairot P. Possible association between physical exercise and medical student's motivation for academic work Mind, brain and education 2015 December (In peer review)
		First and Corresponding author
18	2016	Paisan Thanyawinichkul Myo Nyein Aung , Saiyud Moolphate, Chitima Katonyoo, Wantanee Chawapong, Panida Sennun, Waraporn Wanchaitanawong, Wittaya Tanaree, Mujjarin Pangsiri, Kanyapat Chaeye, Jitnatee Richie, Naiyana Metha, Nitcha Kongin, Pikul Tanama, Songyos Khamchai, Surasing Wisarutrat, Amorn Nondasuta, The situation of the community resident elderly people aged 80 years and older in Chiang Mai, Current evidence in gerontology and geriatrics, 2015 October, (In peer review)
		Corresponding author
17	2015	Aung MN , Moolphate S, Kitajima T, Siriwarothai Y, Takamtha P, Katanyoo C, et al. Satisfaction of HIV patients with task-shifted primary care service versus routine hospital service in northern Thailand. Journal of infection in developing countries. 2015;9(12):1360-6.

		PMID: 26719942
		First and Corresponding author
16	2015	Aung MN , Somboonwong J, Jaronvanichkul V, Wannakrairot P. Assessment of preclinical students' academic motivation before and after a three-day academic affair program. <i>International journal of general medicine</i> . 2015;8:373-80.
		PMID: 26719719
		First and Corresponding author
15	2014	Aung MN , Yuasa M, Moolphate S, Kitajima T, Fukuda H, Lorga T and Marui E. Challenges for Smoking Cessation Intervention as Part of Primary Health Care Services in Developing Countries. <i>Journal of Smoking Cessation</i> , available on CJO2014. doi:10.1017/jsc.2014.28.
		First and Corresponding author
14	2014	Paudel D, Aung MN , Sharma B, Aung TNN, Moolphate S. Intestinal parasitic infestation in combatants and their families: a hospital-based study in mid-western regional police hospital, Nepal. <i>Global Journal of Health Science</i> . 2014;6(3).
		PubMed ID 2476234
		Corresponding author
13	2013	Aung MN , Yuasa M, Lorga T, Moolphate S, Fukuda H, Kitajima T, et al. Evidence-based new service package vs. routine service package for smoking cessation to prevent high risk patients from cardiovascular diseases (CVD): study protocol for randomized controlled trial. <i>Trials</i> . 2013;14(1):419.
		PubMed ID: 24308874
		First and Corresponding author
12	2013	Aung MN , Leowattana W, Win KN, Tangpukdee N, Muangnoicharoen S. Chronic hepatitis B prognostic markers other than pre-treatment viral load predicted composite treatment outcome. <i>J Infect Dev Ctries</i> . 2013;7(7):541-549
		PubMed ID:23857389
		First author
11	2013	Aung MN , Moolphate S, Paudel D, Jayathunge Ph M, Duangrithi D, Wangdi K, et al. Global evidence directing regional preventive strategies in Southeast Asia for fighting TB/HIV. <i>J Infect Dev Ctries</i> . 2013;7(3):191-202
		PubMed ID: 23492996
		First and Corresponding author
10	2013	Lorga T, Aung MN , Naunboonruang P, Junlapeeya P, Payaprom A. Knowledge of communicable and non-communicable diseases among Karen ethnic high school students in rural Thasongyang, the far north-west of Thailand. <i>Int J Gen</i>

		<i>Med.</i> 2013;6: 519–526
		PubMed ID:23843701
		Corresponding author
9	2012	Aung MN , Yuasa M, Moolphate S, Nedsuwan S, Yokokawa H, Kitajima T, et al. Reducing salt intake for prevention of cardiovascular diseases in high-risk patients by advanced health education intervention (RESIP-CVD study), Northern Thailand: study protocol for a cluster randomized trial. <i>Trials</i> 2012, 13(1):158.
		PubMed ID:22947342 (highly accessed article in BMC)
		First and Corresponding author
8	2012	Chaiyasirinroje B & Aung MN , Moolphate S, et al. Prospective evaluation of simply modified MODS assay: an effective tool for TB diagnosis and detection of MDR-TB. <i>Infection and Drug Resistance</i> 2012;5:79 – 86
		PubMed ID: 22629112
		Co-first author
7	2012	Lorga T, Srithong K, Manokulanan P, Aung TNN, Aung MN . Public knowledge of diabetes in Karen Ethnic rural residents: a community questionnaires study at far north-west of Thailand. <i>International Journal of General Medicine.</i> 2012;5. 799-804
		PubMed ID: 23055769
		Last author
6	2012	Kantipong P, Murakami K, Moolphate S, Aung MN , Yamada N. The Causes of HIV associated TB patients' mortality in Chiangrai, Northern Thailand. <i>HIV/AIDS - Research and Palliative Care.</i> 2012.
		PubMed ID: 23071410
		Co author
5	2012	Lorga T, Aung MN , Naunboonruang P, Manokulanan P, Praipaksin N, Deesakul T, et al. Predicting pre-diabetes in rural community: a survey among the Karen ethnic, Thasongyang, Thailand. <i>International Journal of General Medicine</i> 2012;5:219-225
		PubMed ID:22399865
		Corresponding author
4	2012	Aung MN , Lorga T, Srikrajang J, Promtingkran N, Kreauchai S, Vivarakanon P, et al. Assessing awareness and knowledge of hypertension in population at risk of hypertension among the Karen ethnic rural community, Thasongyang, Thailand. <i>International Journal of General Medicine</i> 2012;5 553-561
		PubMed ID:22807644

		First and Corresponding author
3	2011	Moolphate S, Aung MN , Nampaisan O, Nedsuwan S, Kantipong P, Suriyon N, et al. Time of highest TB death risk and Associated Factors: an Observation of Twelve Years in Northern Thailand. International Journal of General Medicine 2011: 4:181-190.
		PubMed ID:21475634
		Corresponding author
2	2011	AungMN , Leowattana.W, Tangpukdee. N and Kittitrakul C. Observation of genotype C infected chronic hepatitis B patients in clinical practice. Journal of Infections in Developing Countries 2011:5(12):882-889
		PubMed ID:22169788
		First and Corresponding author
1	2010	Aung. MN , LeowattanaW, TangpukdeeN, Kittitrakul C. Nucleos(t)ide analogues treatment outcome in genotype B and C chronic hepatitis B. North American Journal of Medical Sciences 2010; 2(8): 365-370.
		PubMed ID: 22737674
		First and Corresponding author

Monograph

1	2015	Wannakrairot P , Jaronvanichkul V , Aung MN. Technology accelerated learning at Chulalongkorn University 2015 MOOCs in postmodern Asia, The University of Hong Kong
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Recent international conferences and invited plenary lecture

No	Year	Title of the lecture and conference
1	2015	Innovative teaching, learning and assessment in the era of digital technology: the 2 nd ASEAN Higher Education forum: Panel discussion: Patuwam Princess Hotel , Bangkok, Thailand
2	2015	Regional collaboration in Medical Education, the 2nd international scientific conference, Mae Fah Luang University, School of Medicine, Chiang Rai, 2015 September Thailand

Oral presentation

No	Year	Conference Oral presentation
1	2012	Aung MN , Manokulanan P, Inwan U, Yingtaweesak T, Payaprom A, Lorga T, editors. Health implications for rural and ethnic populations: A community survey investigating CVD risk factors and health literacy among Karen ethnic, Tak, Thailand. 4th international Nursing and Public Health Conference, Thailand; 2012; Chiang Mai, Thailand Presenting and Corresponding author
2	2012	Aung MN , Yuasa M, Moolphate S, Yokokawa H, Kitajima T, et al., editors. Alarmingly high salt intake among the cardiovascular risk patients: Preliminary assessment results of RESIP-CVD study (ISRCTN39416277). International Conference on Inter-professional Partnership: Improvement for Global Health Outcomes 2012 Chiang Mai, Thailand. Presenting and Corresponding author
3	2012	Paudel D, Aung MN . Worm infestation in combatants and their families: a hospital-based survey in Mid-Western Regional Police Hospital, Nepal Joint International Tropical Medicine Meeting 2012 Bangkok, Thailand 2012. Presenting author
4	2015	Aung MN , Wannakrairot P, Somboonwong J, Jaroonvanichkul: Do lifestyle behaviors of medical students influence intrinsic motivation to study? 14th East-West Psychological Science Research Center National Conference: Academic Symposium on Motivation and Meaning of Life: Psychological Power of Positivism 2015 Bangkok,
5	2015	Tsutomu Kitajima, Saiyud Moolphate, Myo Nyein Aung , Hiroshi Okamura, Chitima Katanyoo, Virat Klinbuayaem, Yaowaluk Siriwarothai, Piyaporn akamtha and Osamu Noyama, Outcome, satisfaction, and cost of task-shifting of antiretroviral therapy to health centers in Thailand: from patients' perspective, The International Health Economics Association https://ihea2015.abstractsubmit.org/presentations/14217/

Thesis

No	Year	Title	School
1	2010	Treatment outcome of chronic hepatitis B genotypes B and C at hospital for	Department of Clinical Tropical Medicine, Faculty of Tropical

		tropical diseases , Bangkok	Medicine Mahidol University, Thailand
2	2013	Assessing awareness and knowledge of hypertension in population at risk of hypertension among the Karen ethnic rural community, Thasongyang, Thailand	Department of Public Health Juntendo University Graduate School of Medicine, Tokyo, Japan

Collaborating institutions

1. Department of Human Resources for Health and Fellowships (HRH) World Health Organization - South-East Asia Regional Office, New Delhi
2. Department of Public Health, Juntendo University School of Medicine, Tokyo Japan
3. Department of Global Health, Juntendo University School of Liberal Arts, Tokyo Japan
4. Division of Medical Education, Juntendo University School of Medicine, Tokyo Japan
5. Faculty of Social Science, Kyorin University, Japan
6. King's College London School of Medicine, UK
7. Muhimbili University of Health and Allied Sciences, Tanzania
8. Tufts University, Boston, USA
9. McGill University, Montreal Canada
10. Faculty of Education, Chulalongkorn University, Bangkok, Thailand
11. School of Medicine Mae Fa Luang University, Thailand
12. Department of Public Health, Chiang Mai Rajabhat University, Thailand
13. University of Medicine 2, Yangon, Myanmar

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