

Curriculum Vitae of Dr Kyaw Naing Oo

Name	Dr.Kyaw Naing Oo
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Citizenship	Myanmar
Country of Birth	Myanmar
Qualification	B.V.S (Yezin) Myanmar (1987) Dip in French , University of Foreign Language, Myanmar (1998) Cert. in Veterinary Clinical Diagnosis, Japan (1997) Cert. in Foot and Mouth Diagnosis, Pakchong, Thailand. (2004) Ph.D (Epidemiology) Murdoch University, Western Australia (2010)
Professional Affiliations	Myanmar Veterinary Association Myanmar Veterinary Council Malaysia Thailand Myanmar Epidemiology Network (MTM EpiNet) Adjunct Senior Lecturer, Murdoch University, School of Veterinary Sciences, Western Australia, Perth,
Relevant Fields of experience	Management and disease control in dairy and draught cattle Veterinary Extension work Veterinary administration and welfare service Foot and Mouth Disease vaccine production and related work in Livestock Breeding and Veterinary Department, Myanmar Leadership in health care management of specially trained dog for searching narcotic and explosive materials Regional secondment programme in OIE Regional Co-ordination Unit in Bangkok. Freedom of disease of FMD in Tanintharyi Division Progressive zoning approach of FMD in Myanmar MTM area and Sagaing Division, Myanmar

Veterinary surveillance for investigation of disease outbreak and disease control

Moderator/ facilitator for the training course of outbreak investigation, management and surveillance data analysis

Curriculum development for the course of veterinary epidemiology in University of Veterinary Sciences

Outbreak investigation and surveillance for Foot and Mouth Disease, Anthrax, Haemorrhagic Septicaemia and PRRS

Moderator/ facilitator for the training course on disease outbreak investigation

Team leader of FMD mass vaccination for the control and eradication of Foot and Mouth Disease

National Project Coordinator for ACIAR project which focus on the improvement of the livelihood of small scale livestock producer at Central Dry Zone of Myanmar (2012-2016)

National Coordinator of SEACFMD Campaign

Team Leader for OIE Outbreak Investigations in Myanmar

Co-supervisor of the Master and PhD students from the University of Queensland, Chulalongkorn University and Chiang Mai University.

Team Leader of Research study on Rabies Eradication Campaign

Team Leader of Foot and Mouth Disease Vaccination Campaign

Summary of Relevant Experience

Currently, I am working at the Livestock Breeding and Veterinary Department, Ministry of Livestock Fisheries and Rural Development, Nay Pyi Taw, Myanmar as a Director for Research and Disease Control Division responsible for disease surveillance and control of animal diseases and head of epidemiology unit of central veterinary diagnostic laboratory and responsible for leading in epidemiological studies including outbreak investigation [Porcine Respiratory and Reproductive Syndrome (PRRS), Foot and Mouth Disease (FMD), Anthrax, Infectious Bursal disease and Highly Pathogenic Avian Influenza disease outbreaks in Myanmar]; animal disease control (PRRS, HPAI, FMD, Haemorrhagic Septicaemia and Anthrax); research (Vaccine Effectiveness research for FMD vaccine, role of duck on the seropositivity of H5 antibodies at Thanapin Township, Post Vaccination Monitoring on the targeted vaccination programme of FMD vaccine at Central Dry Zone of Myanmar); team leader for the mass vaccination programme at Sagaing Township for the control and eradication of FMD; lecturer giving lectures on Epidemiology at University of Veterinary Sciences, Yezin, Pyinmana, Myanmar; supervisor to the Master students (University of Veterinary Sciences, Yezin, Nay Pyi Taw, Pyinmana); mentors of Field Epidemiological Training Programme for Veterinarians (FETPV funded by Regional FAO, Bangkok, Thailand) and supervisor to one MVPH Master student from Chiang Mai University; and one PhD student from Chulalongkorn University and one PhD student from the University of Queensland.

In addition, I am currently doing research study on role of wet market for the spread of HPAI in Yangon and epidemiological study to support the control of PRRS in Myanmar. Moreover, I have done research on the progressive zoning approach of Foot and Mouth Disease Control by using participatory

epidemiological techniques in Murdoch University, Australia and validating a traditional "Dutaik" Meeting Approach for the further disease investigation in Myanmar as a way of participatory approach. In the most recently, I serve as a National Coordinator of SEACFMD campaign and leading the research study on FMD vaccination campaign; work as a leader of OIE National Outbreak Investigation Team and National Rabies Eradication Campaign.

I have had more than 24 years experience in veterinary science, disease control, research and management of animal health programme and Foot and Mouth Disease Vaccine production in Livestock Breeding and Veterinary Department (LBVD). As a deputy veterinary officer in Mawlaik, Sagaing Division, Upper Myanmar area, I was closely involved in the development of the national policy and veterinary extension, disease control and health care management of small scale dairy farm and draught cattle for 3 years. And I was moved to headquarters as a deputy veterinary officer for the veterinary administration and welfare of the veterinarians. After 3 years, I was moved to the Research and Foot and Mouth Vaccine production Unit as a deputy research officer. At the same time I was responsible for the research and health care management of the specially trained dogs for the searching narcotic and explosive materials. And I have presented 4 research papers related to small animal practice in Myanmar Veterinary Conferences.

2013 – Present Veterinary administration and management, Livestock Breeding and Veterinary Department, Insein, Yangon, Myanmar

In 2013, I was appointed as the Assistant Director at research and Disease Control Division. By 2014, I got a promotion as a Deputy Director and in April, I was assigned as the Director of the Research and Disease Control Division of the Livestock Breeding and Veterinary Department which is the main administrative department of all national veterinary laboratories in Myanmar. During these periods, the following activities have established:

1. As a co-supervisors of Dr Tu Tu Zaw Win for her Master Degree in Epidemiology, University of Veterinary Sciences, Yezin, Pyinmana, Myanmar (2012 – 2014)
2. As a mentor of Dr Moe Hein Kyaw for Field Epidemiological Training Programme for Veterinarian (FETPV) organized by FAO (2013 – 2015)
3. FAO Training Workshop on surveillance data analysis, Bangkok, Thailand, 9th July, 2013 to 7^{12th} August, 2013 as FAO consultant (FAO project number OSRO/RAS/604/USABaby 5) Index No 3035092
4. As a National coordinator of one of the International Project naming the Australian Centre for International Agricultural Research (ACIAR) project containing five sectors. (2013-2017)
5. As co-supervisor of Dr. Thant Nyi Linn for his PhD Degree in Molecular Epidemiology, Chulalongkorn University, Bangkok, Thailand (2014-2018).
6. As co-supervisor of Dr. Tu Tu Zaw Win for her PhD Degree in Epidemiology, The University of Queensland, Brisbane, Australia.
7. As co-supervisor of Dr. Aung Zaw Moe for his Master Degree in Veterinary Public Health (MVPH), Chiang Mai University, Thailand.
8. As a National Coordinator of Myanmar for the National SEACFMD Campaign
9. As OIE outbreak investigation team leader for investigating of the current outbreak occurrence in Myanmar.
10. Providing lectures to 4th year students on basic epidemiology at University of Veterinary Sciences, Yezin, Pyinmana, Myanmar since 2011 until now.
11. Establishing research study on the National Rabies Eradication Campaign
12. Conducting the research study on Foot and Mouth Disease (FMD) Vaccination Campaign

Publications

- Oo, K.N., Kyaw, N., Soe, O. and Myat, Z. (2002) The Clinical Study of pleural effusion in Dogs and Cats. *Myanmar Veterinary Journal (Annual Conference Edition)*, 56.
- Oo, K.N., Kyaw, N. and Myat, Z. (2003) Vetebral heart size measurement in canine dirofilariasis. *Myanmar Veterinary Journal (9th Veterinary Conference Edition)*, 28.
- Oo, K.N. (2011) Balancing endemic and epidemic disease priorities. In: *Animal biosecurity in the Mekong:future directions for research and development*, ACIAR proceeding No 137, Eds: L.B. Adams, G.D. Gray and G. Murray, Australian Center for International Agricultural Research, Siem Reap, Cambodia, 10-13 August, 2010. p 114.
- Oo, K.N., Robertson, I., Edwards, J. and Black, P. (2011) A progressive zoning approach for the control of foot-and-mouth disease in Myanmar. In: *Animal biosecurity in the Mekong: future directions for research and development*, ACIAR proceeding No 137, Eds: L.B. Adams, G.D. Gray and G. Murray, Australian Center for International Agricultural Research, Siem Reap, Cambodia, 10-13 August, 2010. p 114.
- Oo, K.N., Latt, Z.M., Swa, M.K. and Aung, M. (2011) Be aware of hidden danger for veterinary practitioners. *Myanmar Veterinary Journal (Conference Edition)*, 148.
- Win, T.T., Mon, C.C.S., Aung, K.M., Oo, K.N., Sunn, K., Htun, T., Tiensin, T., Maclean, M., Kalpravidh, W. and Amonsin, A. (2012) Risk factors of Highly Pathogenic Avian Influenza (H5N1) in poultry in the Ayeyarwaddy delta region, Myanmar. *Emerging Infectious Diseases (In Press)*.
- Oo, K.N., *et al.* (2013) *Epidemiology of Foot and Mouth Disease in Myanmar*, Lap Lambert Academic Publishing, Saarbrücken. p 281.