



## BIOGRAPHICAL SKETCH

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### Academic Record:

- B.Sc. (Public Health) (*Major:* Occupational Health and Safety) – Mahidol University, Thailand
- M.S. (Industrial Health) – University of Michigan, U.S.A.
- Sc.D. (Environmental Health *conc.* Occupational Health) – Harvard University, U.S.A.

### Work Experience:

- Public Health Technical Officer – Division of Occupational Health, Department of Health, Ministry of Public Health, Bangkok, Thailand
- Labour Specialist – Occupational Safety and Health Bureau, Department of Labour Protection and Welfare, Ministry of Labour, Bangkok, Thailand
- Senior Lecturer – Department of Occupational Health and Safety, Faculty of Public Health, Mahidol University, Bangkok, Thailand

### Professional Experience:

- Worked in the field of Occupational Health and Safety as a government officer for over 25 years
- Worked as a Guest Researcher under the Health Hazard Evaluation Program at NIOSH, U.S.A.
- Participated in the Counterpart Training on Occupational Safety and Health Administration under a JICA program at MLHW & JISHA, Japan
- Participated in the Counterpart Training on Working Environment Improvement Technology under a JICA program at JISHA, Japan
- Participated as a Fellow in ILO/KOSHA Training Workshops in OSH Development & Policy Forum at KOSHA, Korea (several times)
- Participated in official study visits on Occupational Health and Safety in various countries, *e.g.*, Germany, Switzerland, Italy, Spain, Japan, Korea, China, Singapore, *etc.*
- Served as a Delegate of Thailand in various International Meetings & Policy Dialogues in the area of Occupational Health and Safety, *e.g.*, ASEAN-OSHNET, ILO-CIS, *etc.* (> 10 times)
- Trained under the Capacity Enhancement Program in Supporting the High Potential and Performance System (HiPPS) of the Civil Service Commission, Thailand
- Trained under the Talent Network Scholarship Program in Public Management and Leadership: Training for High Potential Officials, at the National Graduate Institute for Policy Studies, Japan



- Participated in the Training Program for Middle-level Executives of the Department of Labour Protection and Welfare
- Served as a Committee Member and Vice-President of the Occupational Health and Safety at Work Association (2011-2015)
- Served as a Committee Member of the Ergonomics Society of Thailand (2011-2014)
- Served as a Committee Member for ISO Standards Certification of the Management System Certification Institute (Thailand) (2012-2014)
- Served as a Committee Member for the Development of ~10 Thai Industrial Standards on Occupational Health and Safety, Ergonomics and Nanotechnology
- Served as a Lecturer/Speaker on various topics in the Safety Officer Trainings and Occupational Safety Inspector Trainings of the Department of Labour Protection and Welfare
- Serving as a Guest Lecturer, a Consultant, a Thesis Committee Member, and a Member of Other Committees for OH&S Curriculum Development at Various Academic Institutions, *etc.*

#### Special Honors:

- A scholar of the Royal Thai Government Scholarships Program for further study in the U.S.A. (1997-1999, and 2005-2010)
- A government officer recognized under the High Performance and Potential System (HiPPS) & the Talent Network, with awarded scholarship to attend a pre-executive training course abroad.

#### Areas of Interest and Expertise:

1. Occupational Health, Industrial Hygiene, Exposure Assessment in Occupational Epidemiology (*e.g.*, Use of Biomarkers, Cumulative Exposure Modeling, *etc.*)
2. Development of Occupational Health and Safety Standards & Administration Systems at national and international levels
3. Others (*e.g.*, Ergonomics, NanoSafety, Radiation Safety, *etc.*)

#### Published Research Works:

- Laohaudomchok W, Cavallari J, Fang SC, Lin X, Herrick R, Christiani D, Weisskopf MG. **Assessment of Occupational Exposure to Manganese and Other Metals in Welding Fumes by Portable X-ray Fluorescence Spectrometer.** J Occupational and Environmental Hygiene 2010; 7(8):456-465. [DOI: [10.1080/15459624.2010.485262](https://doi.org/10.1080/15459624.2010.485262)]
- Laohaudomchok W, Lin X, Herrick R, Fang SC, Cavallari J, Christiani D, Weisskopf MG. **Toenail, Blood, and Urine as Biomarkers of Manganese Exposure.** J Occupational and Environmental Medicine 2011; 53(5):506-510. [DOI: [10.1097/JOM.0b013e31821854da](https://doi.org/10.1097/JOM.0b013e31821854da)]
- Laohaudomchok W, Lin X, Herrick R, Fang SC, Cavallari J, Shrairman R, Landau A, Christiani D, Weisskopf MG. **Neuropsychological Effects of Low-Level Manganese Exposure in Welders.** NeuroToxicology 2011; 32(2):171-179. [DOI: [10.1016/j.neuro.2010.12.014](https://doi.org/10.1016/j.neuro.2010.12.014)]



- Chaikittiporn C, Laohaudomchok W, Weik KMMK. **Improving Occupational Safety and Health of Myanmar Migrant Workers in Thailand**. Asian-Pacific Newsletter on Occupational Health and Safety 2012; 19(1):10-13.
- Kongtip P, Nankongnab N, Chaikittiporn C, Laohaudomchok W, Woskie S, Slatin C. **Informal Workers in Thailand: Occupational Health and Social Security Disparities**. New Solutions 2015; 25(2):189-211. [DOI: [10.1177/1048291115586036](https://doi.org/10.1177/1048291115586036)]
- Laohaudomchok W, Nankongnab N, Siriruttanapruk S, Robson M, Kongtip P, Woskie S, *et al*. **Pesticide Use in Thailand: Current Situation, Health Risks, and Gaps in Research and Policy**. Human and Ecological Risk Assessment: Int J 2021; 27(5):1147-1169. [DOI: [10.1080/10807039.2020.1808777](https://doi.org/10.1080/10807039.2020.1808777)]
- Phanprasit W, Konthonbut P, Laohaudomchok W, Tangtong C, Sripaiboonkij P, Ikäheimo T, Jaakkola J, Näyhä S. **Workplace Cold and Perceived Work Ability: Paradoxically Greater Disadvantage among High- than Low-educated Poultry Industry Workers in Thailand**. Frontiers in Public Health 2021; 9:762533. [DOI: [10.3389/fpubh.2021.762533](https://doi.org/10.3389/fpubh.2021.762533)]
- Wongsakoonkan W, Boonyayothin V, Tangtong C, Pengpumkiat S, Laohaudomchok W, Phanprasit W. **Colorimetric Pad for Low-concentration Formaldehyde Monitoring in Indoor Air**. J Health Research 2022; 36(4):781-790. [DOI: [10.1108/JHR-09-2020-0428](https://doi.org/10.1108/JHR-09-2020-0428)]
- Kongtawelert A, Buchholz B, Sujitrarath D, Laohaudomchok W, Kongtip P, Woskie S. **Prevalence and Factors Associated with Musculoskeletal Disorders among Thai Burley Tobacco Farmers**. Int J Environmental Research and Public Health 2022; 19(11):6779. [DOI: [10.3390/ijerph19116779](https://doi.org/10.3390/ijerph19116779)]
- Phanprasit W, Chotiphan C, Konthonbut P, Laohaudomchok W, Ikäheimo T, Jaakkola J, Näyhä S. **Active Commuting and Work Ability: A Cross-sectional Study of Chicken Meat Industry Workers in Thailand**. Int J Industrial Ergonomics 2022; 91(11):103339. [DOI: [10.1016/j.ergon.2022.103339](https://doi.org/10.1016/j.ergon.2022.103339)]
- Laohaudomchok W, Phanprasit W, Konthonbut P, Tangtong C, Sripaiboonkij P, Ikäheimo T, Jaakkola J, Näyhä S. **Self-Assessed Threshold Temperature for Cold among Poultry Industry Workers in Thailand**. Int J Environmental Research and Public Health 2023; 20(3):2067. [DOI: [10.3390/ijerph20032067](https://doi.org/10.3390/ijerph20032067)]
- Laohaudomchok W, Phanprasit W, Konthonbut P, Tangtong C, Rissanen S, Jussila K, Ikäheimo T, Jaakkola J, Näyhä S. **Work Clothing among Cold-exposed Workers in Thailand, with Reference to Subgroup Differences and Cold Sensitivity**. (in submission)
- Phanprasit W, Laohaudomchok W, Konthonbut P, Noomnual S, Rissanen S, Jussila K, Ikäheimo T, Jaakkola J, Näyhä S. **Self-assessed Threshold Temperature for Workplace Cold in Tropical Climate: Association with Thermal Insulation of Clothing**. (in submission)

