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Division of Occupational and Environmental Medicine (OEM)
Department of Community Medicine (CM)
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EDUCATION:

Master of Public Health (M.P.H.), Occupational and Environmental Health Concentration and Interdisciplinary Public Health Leadership Concentration 2013

Harvard University, Harvard T.H. Chan School of Public Health, Massachusetts, USA

Occupational and Environmental Health Concentration

- Studied about workplace and environmental hazards, the physiological and biomechanical aspects of work, the risks posed by the interaction of genetic and environmental factors, and a practical approach to solving health problems in various work and community settings.
- Advisor: Prof. David Christiani, M.D., M.P.H.

Interdisciplinary Public Health Leadership Concentration

- Provided the opportunity to develop greater understanding of self, as leader and learner, and of working in teams, through participation in a team project, workshops, coaching, and reflection.
- Advisor: Ms. Roberta Gianfortoni, Assistant Dean for Professional Education

Master of Science (M.Sc.) in Health Economics and Health Care Management Program 2012

Chulalongkorn University, Faculty of Economics, Bangkok, Thailand

- International program with focused on making optimum use of resources to achieve defined health and social goals
- Thesis title: Factors Affecting the Demand for Formal Long-Term Care of Elderly: A Case Study in the Municipality of Muang District, Pathum Thani Province
- Thesis advisor: Assoc. Prof. Worawet Suwanrada

Doctor of Medicine (M.D.)

1995 – 2001

Chulalongkorn University, Faculty of Medicine, Bangkok, Thailand

- Graduated with second-class honors

POST-DOCTORAL TRAININGS:

Preventive Medicine (Occupational Medicine; OM) Training

2021

Faculty of Medicine Ramathibodi Hospital, Mahidol University, and Phramongkutklao College of Medicine

- On-the-job training for occupational medicine physician, including identifying occupational hazards, diagnosing occupational diseases, assessing disabilities resulted from work and four-week practicum at Phramongkutklao College of Medicine

Family Medicine (FM) Residency Training

2001 – 2004

Thammasat University (Rangsit Campus), Faculty of Medicine, Pathum Thani, Thailand

- Practiced at 400-bed teaching hospital, including outpatient departments (OPD) and inpatient wards of major and minor departments
- Provided preventive services and led a community-oriented primary care project regarding childhood vaccinations at a primary care unit (PCU), located in the community

SHORT COURSES:

Work, Health and Well-Being: Achieving Worker Health (Online) May 3-6, 2021
Harvard University, Harvard T.H. Chan School of Public Health, Massachusetts, USA

- An applied course provided the skills needed to improve worker health, safety, and well-being through Total Worker Health® best practices.

Value-Based Health Care Delivery: an intensive seminar (Online) January 25-29, 2021
Harvard University, Harvard Business School, Massachusetts, USA

- A weeklong, intensive seminar focused on frameworks, application tools, and case studies of real-life examples of organizations moving toward value-based care delivery models

Mahidol University Executives Development Program September – November 2018
Mahidol University, Nakhon Pathom, Thailand

- Three-month workshop for Mahidol University executives to develop self-management skills and acquire knowledge in leadership organisational management, strategic management, good governance, including management tools and techniques.

The Course of Advance Cardiovascular Life Support June 2016
The Heart Association of Thailand under the Royal Patronage

The Course of OM for Doctors June – July 2012
Nopparat Ratchathani Hospital, Bangkok, Thailand

- Two-month workshop in developing knowledge and skills in identifying occupational hazards, diagnosing occupational diseases and assessing disabilities resulted from work

LICENSES AND CERTIFICATIONS:

- Diploma Thai Board of Preventive Medicine (Occupational Medicine), the Medical Council of Thailand, July 2021 – present
- Certificate for Occupational Health Doctors, 2012 – present
- Diploma Thai Board of Family Medicine, the Medical Council of Thailand, July 2004 – present
- Thai Medical Practice License, the Medical Council of Thailand, April 2001 – present

PROFESSIONAL EXPERIENCE:

Assistant Dean for Physical Environment and Facilities 2015 – Present
Occupational Health Consultant 2013 – 2015

Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

- Led a multidisciplinary team in the Department of Occupational Health, Safety and Environment (DOHSE), to organize occupational health and safety management, give certain occupational health services and educational programs to approximately 12,000 healthcare workers in the Faculty, as well as occupational health consultation services for other organizations
- Established the OM Clinic, giving periodic health examination and medical surveillance for faculty employees and general population, as well as individual consultations for health behavioral change
- Served as the deputy chairman of the board of the Occupational Health, Safety and Environment Committee, preparing agendas for committee meetings and following up actions with DOHSE
- Direct hospital safety and waste management activities through two working groups as the chairman: 1) Rama Safety and 2) Waste Management
- Supervised the Department of Buildings and Environment in maintaining and improving the facility environment, waste disposals, pest controls, and outsource management

Assistant Professor in OM 2020 – Present
Faculty Lecturer, CM 2018 – 2020

Division of OEM, Department of CM, Faculty of Medicine Ramathibodi Hospital

- Developed occupational health and medicine academic programs for undergraduate and postgraduate students
- Delivered patient-centered health care services at OEM and FM OPD of 1,000-bed teaching hospital

Faculty Lecturer, FM 2009 – 2018

Department of FM, Faculty of Medicine Ramathibodi Hospital

- Delivered patient-centered health care services at FM OPD
- Gave consultations in Brief Intervention Clinic for health behavioral change once a month, mainly weight reduction and smoking cessation

Head of Social Medicine Department 2007 – 2009

Medical Officer/ Family Physician 2001 – 2007

Social Medicine Department, Pathum Thani Hospital, Pathum Thani Province, Thailand

- Organized a primary care network, health care teams, and health promotion projects for population in the catchment area of approximately 180,000 people
- Provided primary care services at the hospital OPD, primary care units (PCUs) and the emergency department (ED)

RESEARCHES:

- Khiaw-im, N., Aimyong, N., **Wongrathanandha, C.**, Tangsangwornthamma, C. Cross-Cultural Adaptation, Reliability, and Content Validity of Thai Version of Workplace Violence in the Health Sector Country Case Study Questionnaire. *Journal of Primary Care and Community Health*. 2022; 13. doi:10.1177/21501319221132448.
- Laithaisong, T., Aekplakorn, W., Suriyawongpaisal, P., Tupthai, C., **Wongrathanandha, C.** The Prevalence and Risk Factors of Musculoskeletal Disorders among Subcontracted Hospital Cleaners in Thailand. *Journal of Health Research*. 2022; 36(5): 802-812.
- Tangchareonsamut, J., **Wongrathanandha, C.**, Khamsee, S., Aekplakorn, W. Association of work performance with absenteeism and presenteeism among support workers in a medical school hospital, Thailand. *Journal of Health Research*. 2022; 36(4): 746-755.
- Sidthipongsa, S., Sasithornsonthi, J., Aekplakorn, W., **Wongrathanandha, C.**, Manonai, J. Incidence, Related Factors, and Impacts of Workplace Violence among Nurses in a Medical School in Thailand. *Chiang Mai Medical Journal*. 2021; 60(4): 437-47.
- Witoonsut, C., Aekplakorn, W., Phaipayom, N., **Wongrathanandha, C.** The Relationship between Inpatient Nurse Burnout and Safety Outcomes in a Teaching Hospital, Thailand. *Chiang Mai Medical Journal*. 2021; 60(3): 325-34.
- Krorakai, K., Tontipattananon, S., Leemahanil, R., Klangphukhiew, S., **Wongrathanandha, C.**, Phaibulpanich, A., Patramanon, R. Correlation of age and sex with urine dehydroepiandrosterone sulfate level in healthy Thai volunteers. *Practical Laboratory Medicine*. 2021; 24, e00204.
- Thu, HM., Chompikul, J., Thepthien, B. **Wongrathanandha, C.** Prevalence and risk factors for low back pain among oil field workers in Minhla Township, Magway Region, Myanmar. *J Pub Health Dev*. 2019; 17(2): 63-75.
- Pongwittayapanu, P., Anothaisintawee, T., Malathum, K., **Wongrathanandha, C.** (2018) Incidence of newly diagnosed tuberculosis infection among healthcare workers in a teaching hospital, Thailand. *Annals of Global Health*. 2018; 84(3), pp. 342–347.

- Sapchatanan, T., Chaithanasarn, A., Sachdev, V., **Wongrathanandha, C.** (2018) Reliability and validity of Thai-version MAAS-Global 2000 Rating List for doctor-patient communication skill [Presented in WONCA World Conference 2018, https://www.researchgate.net/publication/342987407_Reliability_and_Validity_of_Thai-version_MAAS-Global_2000_Rating_List_for_Doctor-patient_Communication_Skill_Methods]
- Bumrungwech, P., **Wongrathanandha, C.** (2017) Occupational accidents from incident/occurrence reports (IOR) at a teaching hospital in Bangkok [Presented in the 10th International Joint Conference on Occupational Health for Health Workers 2017, Khon Kaen Province, Thailand]
- Chunkasa, J., **Wongrathanandha, C.** (2017) Walk through survey findings of inpatient departments in a teaching hospital in Bangkok [Presented in the 10th International Joint Conference on Occupational Health for Health Workers 2017, Khon Kaen Province, Thailand]
- Sukhato, K., Dellow, A., **Wongrathanandha, C.**, Sumrith, S. (2016) To be or not to be a facilitator of reflective learning for medical students? a case study of medical teachers' perceptions of introducing a reflective writing exercise to an undergraduate curriculum. *BMC Med Educ*: 16; 102
- Sukhato, K., **Wongrathanandha, C.**, Thakkinstian, A., Dellow, A., Horsuwansak, P., Anothaisintawee, T. (2015). Efficacy of additional psychosocial intervention in reducing low birth weight and preterm birth in teenage pregnancy: a systematic review and meta-analysis. *J Adolescence*: 44; 106-116.
- Kanhasing R, Anothaisintawee T, Hathirat S, **Wongrathanandha, C.** (2015) The effects of continuity on quality of diabetic care at a family practice clinic in Thailand: a retrospective cohort study [Presented in WONCA Europe Conference 2016, <http://www.woncaeurope.org/content/ps2306the-effects-continuity-quality-diabetic-care-family-practice-clinic-thailand>]
- **Wongrathanandha, C.** (2012) Factors Affecting the Demand for Formal Long-Term Care of Elderly: A Case Study in the Municipality of Muang District, Pathum Thani Province. [Unpublished study]

TEACHING:

Assistant Professor in OM

2020 – Present

Division of OEM, Department of CM, Faculty of Medicine Ramathibodi Hospital

- Undergraduate teaching
 - Supervised third-, fourth-, and sixth-year medical students in CM rotations, including group discussions and field work projects in health survey, primary health care, health promotion, and quality improvement research.
 - Customized and arranged elective courses in OM for interested fifth- and sixth-year medical students, ranged from two- to four-week rotation
- Postgraduate teaching
 - Served as the vice president of OM Residency Training Program Committee, coordinating program meetings, administrations and quality assurance.
 - Acted as the secretary of M.Sc. Program in Occupational Health and Toxicology, coordinating program meetings, administrations and quality assurance.
 - Designated as the Chairman of Industrial Hygiene and Occupational Safety course (RAOT607) and Occupational Health and Safety Management course (RAOT609) in the M.Sc. Program, drafting the course curriculum & syllabus, and preparing learning experiences, resources and evaluations
 - Supervised OM residents as the academic advisor for the first year residents and one of the attending staff in monthly rotation.

Faculty Lecturer, Community Medicine

2018 – 2020

Division of OEM, Department of CM, Faculty of Medicine Ramathibodi Hospital

- Undergraduate teaching
 - Supervised third-, fourth-, and sixth-year medical students in CM rotations, including group discussions and field work projects in health survey, primary health care, health promotion, and quality improvement research.
 - Designed OM learning experience across all years of education in the new Doctor of Medicine Curriculum, launched in 2019
 - Customized and arranged elective courses in OM for interested fifth- and sixth-year medical students, ranged from two- to four-week rotation
- Postgraduate teaching
 - Acted as the secretary of two postgraduate program committees: 1) M.Sc. in Occupational Health and Toxicology Program and 2) OM Residency Training Program, coordinating program meetings and administrations
 - Designated as the Chairman of Industrial Hygiene and Occupational Safety Course in the M.Sc. Program, drafting the course curriculum & syllabus, and preparing learning experiences, resources and evaluations
 - Drafted the OM Residency Training Program curriculum according to the World Federation for Medical Education (WFME) standards
 - Customized and arranged OM rotation for third-year FM residents and elective courses for other residents from different programs, ranged from two- to four-week rotation

Occupational Health & Medicine Postgraduate Education and Elective courses 2015 – 2018
 Faculty of Medicine Ramathibodi Hospital

- Acted as the secretary of two postgraduate program committees as mentioned above
- Designated as the Chairman of Industrial Hygiene and Occupational Safety Course
- Drafted the OM Residency Training Program curriculum
- Customized and arranged OM rotation and elective courses for all levels of students, ranged from two- to four-week rotation

Faculty Lecturer, FM 2009 – 2018
 Department of FM, Faculty of Medicine Ramathibodi Hospital

- Undergraduate teaching
 - Gave two-hour interactive lectures to fifth-year medical students on the subject of Introduction to Occupational Medicine and three-hour case-based lectures to fourth-year medical students on the subject of Dizziness
 - Supervised fourth- to sixth-year medical students in giving comprehensive care to patients at Family Medicine Outpatient Clinic
 - Supervised fourth- and fifth-year medical students in providing home care services
 - Provided feedbacks and short lectures, and facilitate group participation in clinical conferences attended by fourth and fifth-year medical students regarding Home Care Case Summary, and sixth-year medical students regarding Difficult Case in the Community accordingly
 - Taught basic clinical skills, such as history taking and physical examination, to second- and third-year medical students
 - Served as a mentor to six medical students annually throughout their years of education
- Postgraduate teaching
 - Gave lectures to family medicine residents on Economic Evaluation, Communication Skills and Alcohol Cessation
 - Supervised residents' outpatient care, home care, monitor consultation sessions through closed-circuit television system, and convey evaluative feedbacks to residents
 - Provided feedbacks and comments in morning conferences
 - Served as a mentor and a research consultant to one or two residents annually throughout their years of residency training

PROFESSIONAL AFFILIATIONS:

- Member of the International Commission on Occupational Health (ICOH), 2021 – present
- Member of the Association of Occupational and Environmental Diseases of Thailand, 2019 – present
- Member of the Royal College of Family Physicians of Thailand, 2004 – present
- Member of the Society of Family Physicians of Thailand, 2004 – present
- Member of Chulalongkorn Medical Alumni under Royal Patronage, 2001 – present
- Member of the Medical Council of Thailand, 2001 – present

REVIEWER:

- Journal of Health Science, 2020 - present
- BMC Infectious Diseases, 2018 - present
- Thammasat Medical Journal, 2014 - present