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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

- A leadership development program 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:

International Training Course on Occupational and Environmental Medicine 2015, 2017, 2019

Chulabhorn Research Institute and Faculty of Medicine Ramathibodi Hospital in collaboration with Mount Sinai School of Medicine, New York, USA and Collegium Ramazzini, Italy

- One-week workshop consisted of lectures and a demonstration of walk-through survey, led by Professor Philip Landrigan, M.D., M.Sc. and experts from the U.S.

The Course of Occupational Medicine (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

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:

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

Action Planning Workshop November, 2015

- One-week in-house workshop about strategic plan and strategic management processes

Q-program for Organizational Process Excellence May, 2015

- One-week in-house workshop about process management concept, process analysis, process redesign and process control and improvement

Training courses in Medical Education:

Coaching and Mentoring Roles for Medical Teachers February 2019
Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand

- Two-day workshop to improve medical teachers' skills in effective coaching and mentoring

Essential Skills for Clinical Teachers August 2017
Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand

- Two-day workshop provided foundation for clinical teaching in various settings

Refreshed courses for medical teachers (half-day workshops)

Faculty of Medicine Ramathibodi Hospital

- Facilitator skills & How to teach critical thinking and clinical reasoning skills February 2015
- Reflection November 2014
- Developing high-quality MCQ & Case-based lecture August 2011

Workshops in Modern Medical Education for Faculty Physicians July & October 2009
Faculty of Medicine Ramathibodi Hospital

- Two intensive one-week workshops comprised of crucial theories and skills for teaching

LICENSES AND CERTIFICATIONS:

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

- Led the Department of Occupational Health, Safety and Environment (DOHSE), consisted of six occupational health nurses, two safety officers, an industrial hygienists, an environmental scientist and a health educator, to give certain occupational health services and educational programs to approximately 13,000 healthcare workers in the Faculty
- 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

- Worked with OM physicians and DOHSE in providing integrated occupational health consultation services for other organizations
- 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

Faculty Lecturer, Community Medicine

2018 – Present

Division of Occupational and Environmental Medicine, Department of Community Medicine, Faculty of Medicine Ramathibodi Hospital

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

Occupational Health Consultant

2013 – 2015

Faculty of Medicine Ramathibodi Hospital

- Collaborated with the Occupational Health Unit (currently DOHSE) in giving certain occupational health services and educational programs
- Coordinated the Occupational Health and Safety Committee under the supervision of Deputy Dean for Facilities and Environment

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
- Participated in Clinical Lead Team (CLT), responsible for the department quality improvement activities

Head of Social Medicine Department

2007 – 2009

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
- Acted as a key member of CLT of Pathum Thani Hospital
- Provided primary care services at the hospital OPD, Primary care units (PCUs) and the emergency department (ED)
- Joined a team from Occupational Medicine Department in providing pre-placement and periodic medical examination services for workers in Pathum Thani Province

Medical Officer/ Family Physician

2001 – 2007

Social Medicine Department, Pathum Thani Hospital

- Worked at the hospital outpatient department, PCUs and the ED
- Joined a team from Occupational Medicine Department in providing pre-placement and periodic medical examination services for workers in Pathum Thani Province

RESEARCHES:

- Thu, HM., Chompikul, J., Thephtien, 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, http://www.wonca2018.com/board/file_download.kin?no=40&id=1]
- 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]

REVIEWER:

- BMC Infectious Diseases, 2018 - present
- Thammasat Medical Journal, 2014 - present

TEACHING:

Faculty Lecturer, Community Medicine

2018 – Present

Division of Occupational and Environmental Medicine, Department of Community Medicine, Faculty of Medicine Ramathibodi Hospital

- Undergraduate teaching
 - Supervised third-year medical students in five-week community medicine rotation, including group discussion and field works in primary care
 - 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
- Guest speaker
 - Invited as a speaker for hospital staff about Occupational Hazards among Hospital Workers, 2015 – present
 - Gave lectures for medical teachers about Medical Education, especially in reflective and facilitator skills, 2013 – present

PROFESSIONAL AFFILIATIONS:

- 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