

Nutthawoot Promda

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Professional Summary

Public Health consultant with over 13+ years of experience in project coordination, building partnerships, training teams, and using data to improve public health programs. Skilled in data management, analytics, and visualization. Strong background in public health research, laboratory science, stakeholder engagement, and capacity building. Adept at liaising with government agencies, NGOs, and international partners to implement large-scale public health programs.

Professional Experience

Research Consultant for Thailand

University of California, San Francisco (UCSF) / Malaria Elimination Initiative (MEI) | Aug 2020 – Aug 2024

- Collaborated with Thailand's **National Malaria Control Program**, Division of Vector-Borne Disease (DVBD) to mobilize **Local Administrative Organization (LAO)** support for malaria elimination, securing increased financial and policy commitments.
- Conducted **qualitative research** to develop evidence-based guidelines for integrating malaria programs into Thailand's general healthcare system, including tool development, IRB approvals, data collection and analysis, and policy recommendations.
- Published two peer-reviewed articles in Malaria Journal and Disease Control Journal on leveraging geo-referenced data and multisectoral collaboration for malaria elimination.
- **Doubled Local Administrative Organization (LAO) funding** for malaria elimination, increasing financial contributions from **3.7 million THB (2017) to 7.5 million THB (2020)** through **capacity-building and multisectoral collaboration**.
- Co-developed a **data-driven advocacy** platform to track LAO financial contributions, enabling targeted resource allocation and outbreak response.
- **Conducted training** for 40+ public health officials on leveraging malaria outbreak data to advocate for local funding and policy support.

Public Health Informatics Consultant (Project Completed)

RTI International | Bangkok, Thailand | Aug 2021 – Sep 2022

- Led the improvement of the iDES (Integrated Drug Efficacy and Surveillance) system, enhancing malaria laboratory data capture and integration into the national MIS, resulting in data accuracy and accessibility improvement.
- Designed and implemented a data visualization dashboard, enabling real-time malaria surveillance insights and supporting evidence-based decision-making.
- Trained 30+ public health officials in using the updated systems, improving operational efficiency and data utilization.
- Coordinated with international stakeholders (e.g., WHO, USAID) to align system improvements with global malaria elimination goals.

Research Assistant

Faculty of Public Health, Mahidol University | Bangkok, Thailand | Jul 2019 – Aug 2020

- **Conducted a mixed-methods study** on influenza vaccine hesitancy among healthcare workers in Thailand, leading data collection, analysis, and IRB submissions to inform national vaccination strategies.

Medical Technologist (Part-time)

Bio-Molecular Laboratory, National Healthcare | Bangkok, Thailand | Apr 2020 – Jul 2020

- Performed high-throughput **SARS-CoV-2 RT-PCR** testing during the COVID-19 pandemic, ensuring accurate diagnostics for hundreds of samples a day.

Medical Research Technologist

Thailand Ministry of Public Health – U.S. CDC Collaboration (TUC) | Bangkok, Thailand | Jul 2011 – Apr 2019


- Performed laboratory operations for **HIV/STD clinical research**, ensuring compliance with **GCP, GCLP, and CAP** standards.
- Played a key role in global **HIV prevention trials (HPTN-067, HPTN-083, MTN-017, MTN-026)** by ensuring high-quality laboratory data and protocol adherence.
- Liaised with **partners (CDC, NGOs, universities, hospitals, and research teams)** to ensure research compliance and data integrity and sample shipment.

Medical Technologist

Maharaj Nakorn Chiang Mai Hospital | Chiang Mai, Thailand | Apr 2008 – Jul 2010

- Performed **blood bank services operations**, including donor screening, infectious disease testing, and blood compatibility testing, ensuring safe transfusions for patients.

Education

 **Bachelor of Science (Medical Technology)** | Chiang Mai University, Thailand | 2004 - 2007

Skills

Languages

 **Thai** (Native) | **English:** Professional Working Proficiency (TOEIC 740)

Technical Skills:

- Programming Languages:** Python, R **Data Analysis:** SQL, Tableau, SPSS
- Tools:** Microsoft Office (Excel, Word, PowerPoint, Outlook), Google Suite

Soft Skills:

- Collaboration & Teamwork:** worked with government agencies, NGOs, researchers, and public health officials, which showcases strong teamwork in multi-stakeholder settings.
- Adaptability & Resilience:** Transitioned between research, data analytics, program coordination, and fieldwork, demonstrating flexibility in diverse public health roles.
- Training & Capacity Building:** Conducted workshops and training sessions for public health officials.
- Project Coordination:** Successfully managed multi-sectoral collaborations, ensuring smooth execution of public health programs and research initiatives.
- Problem-Solving:** Use analytical and critical thinking skills to identify challenges, develop innovative solutions
- Cross-Cultural Communication:** Experienced in effectively communicating and collaborating with individuals and teams from diverse cultural and professional backgrounds.