



## **Thanee Kaewthummanukul, PhD, RN**

Assistant Professor

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### **Office Address**

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### **Education**

- PhD (Nursing), University of Alabama at Birmingham, USA
- MS.N. (Adult Nurse Practitioner and Occupational Health Nursing), University of Alabama at Birmingham, USA
- BSN, Faculty of Nursing, Chiang Mai University, Thailand

### **Certificate**

- 2019: A lecturer in researcher development course, the National Research Council of Thailand (NRCT)
- 2013: APN (Community Nurse Practitioner), Thailand Nursing and Midwifery Council
- 2007: Internship program, Department of Chronic Disease and Health Promotion (CHP), World Health Organization (WHO), Geneva, Switzerland

### **Experience**

- 2020-Present: Dean
- 2019-2020: Associate Dean for Administration and Human Resources
- 2018-2019: Associate Dean for Graduate studies and Research
- 2017-2018: Associate Dean for Research, Innovation, and Academic Services
- 2016-2017: Assistant Dean for Research and Innovation
- 2018-Present: Administrative Committee of the Master's Program in Occupational Health Nursing
- 2018-2020: Administrative Committee of the Doctor of Philosophy Program in Nursing Science (International Program)

- 2020-Present: The Central Research Ethics Committee [CREC], Social and Behavioral Science, National Research Council of Thailand (NRCT)

### Research Interest

- Workplace Health Promotion
- Health Promotion and Risk Reduction
- Occupational Health Nursing

### Project and Research Funding (2015-present)

- **Project manager**, Development of Occupational Health and Safety Service Mechanism and System for Informal Workers in a Community: Thai Health Promotion Foundation, 2020-2023
- **Co-principal investigator**, Enhancing health literacy towards urban health behavior modification, Chiang Mai Province (Tha Kwang Subdistrict, Saraphi District, Chiang Mai Province). Funding agency: Thai Health Promotion Foundation, 2018-2020
- **Project manager**, Project of Health Promotion, Occupational Health and Safety in Northern Workers, Faculty of Nursing, Chiang Mai University. Funding agency: Thai Health Promotion Foundation, 2015-2019
- **Co-principal investigator**, Development of health promotion and occupational risk reduction model among informal garment workers: Participatory action research. Funding agency: Thai Health Promotion Foundation, 2017-2018
- **Principal investigator**, Development of health promotion and occupational risk reduction model among rice farmers: Participatory action research. Funding agency: Thai Health Promotion Foundation, 2017-2018
- **Co-principal investigator**, Situation of occupational health risk and work related injuries among rice farmers: Case study in Chiang Mai province. Funding agency: Faculty of Nursing, CMU, 2016-2017
- **Principal investigator**, Situational analysis of occupational and environmental health among rice farmers. Funding agency: Thai Health Promotion Foundation, 2016

### Publications

#### ***International publications (2006-present):***

Chaiwuth, S., Chanprasit, C., **Kaewthummanukul, T.**, Chareosanti, J., Srisuphan, W, & Stone, T.E. (2020). Prevalence and risk factors of workplace violence among registered nurses in tertiary hospitals. *Pacific Rim Int J Nurs Res*, 24(4), In press. (Corresponding author)

- Hayee, F., Fongkaew, W., Chanprasit, C., **Kaewthummanukul, T.**, & Voss, J. G. Voss. (2020). Sexual risk behaviors and influencing factors among Muslim adolescents on southern border of Thailand. *Int J Adolesc Med Health*, e20190221, 1-9.
- Wisutthananon, A., Chanprasit, C., **Kaewthummanukul, T.** & Suwannaprapisa, T. (2019). Effect of Integrated Safety Program on Safety Behaviors among Rice Farmers: A Quasi-Experimental Study. *Pacific Rim Int J Nurs*, 23(4), 345-356.
- Jongrungrotsakul, W., Chanprasit, C., **Kaewthummanukul, T.**, & Mackey, A. (2014). Participatory Development of an Occupational Health Hazard Reduction Program in the Wood Furniture Industry. *Pacific Rim Int J Nurs*, 18 (1), 42-52.
- Nochit, W., **Kaewthummanukul, T.**, Srisuphan, W., & Senaratana, W. (2014). Effects of working behavior modification program on low back pain prevention behaviors and back muscle endurance among Thai farmers. *Pacific Rim Int J Nurs Res*, 18(4), 305-319.
- Tantranont, K., Srisuphan, W., **Kaewthummanukul, T.**, Suthakorn, W., Jormsri, P., & Salazar, M. K. (2009). Factors affecting Thai workers' use of hearing protection. *Journal of the American Association of Occupational Health Nurse*, 30, 1-9.
- Fang, J., Kunaviktikul, W., Olson, K., Chontawan, R., & **Kaewthummanukul, T.** (2008). Factors influencing fatigue in Chinese nurses. *Nursing and Health Sciences*, 10, 291-299.
- Kaewthummanukul, T.**, Brown, K. C., Weaver, M. T., & Thomas, R. R. (2006). Predictors of exercise participation in female hospital nurses. *Journal of Advanced Nursing*, 54(6), 663-675.
- Kaewthummanukul, T.**, & Brown, K. C. (2006). Determinants of employee participation in physical activity: Critical review of the literature. *AAOHN Journal*, 54, 249-261.
- Prapamontol, T., Mevatee, U., Mangklabruks, A., Udomvong, N., **Kaewthummanukul, T.**, Sriboonruang, S., Nimsakul, S., Kingkeow, C., & Hongsisong, S. (2006). Multiple Pesticide Exposure and Chromosome Aberrations Among Orange Farmers from Northern Thailand. *Epidemiology*, 17(6), 88-89.
- Songkham, W., Chanprasit, C., Poosawang, R., **Kaewthummanukul, T.**, & Suthakorn, W. (2006). Occupational health and safety programs for health care workers: An application of an occupational health nursing model. *Journal Science of Labour*, 82(4), 161-164.
- National publications (2012-present):**
- Yaowarat, W., **Kaewthummanukul, T.**, & Jongrungrotsakul, W. (2022). Factors Predicting Hearing Protection Device Use Among Workers in Kaolin Mineral Dressing Factories. *Nursing Journal CMU*, 49(2), 96-111.

- Kaewthummanukul, T.,** Suthakorn, W., & Tantranont, K. (2020). Situation Analysis of Occupational and Environmental Health Among Rice Farmers: Health Status and Work Behavior. *Nursing Journal, 47*(4), 100-113.
- Chanprasit, C., Jongrungrotsakul, W., **Kaewthummanukul, T.,** & Indratula, R. (2020). Ergonomic factors and prevalence of musculoskeletal disorders among Informal garment workers. *Nursing Journal, 47*(2), 64-74.
- Chanprasit, C., Jongrungrotsakul, W., **Kaewthummanukul, T.,** & Indratula, R. (2020). Working behaviors and lifestyle among informal workers: Corn farmers. *Nursing Journal, 47*(2), 50-63.
- Vuttikun, A., Chanprasit, C., & **Kaewthummanukul, T.** (2020). Ergonomic factors and musculoskeletal disorders among bamboo handicraft workers. *Nursing Journal, 47*(2), 37-49.
- Suriyawong, W., **Kaewthummanukul, T.,** Chanprasit, C., Sripetwandee, N., & Jaiwilai, W. (2020). Occupational health hazard and work-related injuries among rice farmers. *Journal of Nursing Science & Health, 43*(1), 30-41.
- Chanprasit, C., Lirtmunlikaporn, S., **Kaewthummanukul, T.,** Jongrungrotsakul, W., & Sawasdisingha. (2020). *Lanna* local wisdom in promoting the elderly well-being: A pilot study. *Nursing Journal, 47*(1), 185-197.
- Indratula, R., Jongrungrotsakul, W., Chanprasit, C., **Kaewthummanukul, T.,** & Sripetwandee, N. (2019). Occupational health hazards, work behaviors, work-related illness and injury among informal workforce: A case of longan peeling group. *Nursing Journal, 46*(Supplement), 25-36.
- Jongrungrotsakul, W., Chanprasit, C., **Kaewthummanukul, T.,** Wisutthananon, A., & Jaiwilai, W. (2019). Occupational health risk and work related injuries among rice farmers: Case study in Chiang Mai province. *Nursing Journal, 46*(4), 37-48.
- Chanprasit, C., Jongrungrotsakul, W., **Kaewthummanukul, T.,** Sripetwandee, N. & Wisutthananon, A. (2019). Health promotion and occupational risk reduction among informal garment workers: Participatory action research. *Nursing Journal, 46*(4), 25-36.
- Sirakamon, S., **Kaewthummanukul, T.,** Wichaikhum, O, & Kunaviktikul, W. (2019). Organisational change perception induced by the project for propelling the nursing profession towards health promotion in northern Thailand. *Thai Journal of Nursing Council, 34*(3), 123-141.
- Chanprasit, C., Jongrungrotsakul, W., **Kaewthummanukul, T.,** Wisutthananon, A., & Jaiwilai, W. (2019). Occupational and environmental health situations among corn farmers. *Nursing Journal, 46*(1), 5-17.
- Songkham, W., Chanprasit, C., Jongrungrotsakul, W., & **Kaewthummanukul, T.** (2018). Occupational and environmental health situation among ceramic workers: Analysis in community and small enterprises. *Nursing Journal, 45*(4), 97-110.

- Kaewchantra, W., Chanprasit, C., & **Kaewthummanukul, T.** (2018). Nurses' roles in implementing occupational and environmental health in workplaces. *Nursing Journal, 45*(4), 84-96.
- Maksri, P., Chanprasit, C., & **Kaewthummanukul, T.** (2018). Occupational health hazards and health status related to risk among informal garment workers. *Nursing Journal, 45*(4), 71-83.
- Lemma, K., Chanprasit, C., & **Kaewthummanukul, T.** (2018). Work related injuries and safe work behavior among autoparts manufacturing workers. *Nursing Journal, 45*(3), 56-70.
- Jongrungrotsakul, W., Chanprasit, C., & **Kaewthummanukul, T.** (2018). Work-related health problems of taxi drivers in Chiang Mai province. *Nursing Journal, 45*(3), 122-135.
- Suthakorn, W., **Kaewthummanukul, T.**, & Tantranont, K. (2018). Occupational health hazards among longan growers. *Nursing Journal, 45*(1), 135-147.
- Tantranont, K., Tuanrat, W., & **Kaewthummanukul, T.** (2018). The application of a blended learning approach to an epidemiology course. *Nursing Journal, 45*(1), 100-109.
- Chanprasit, C., Jongrungrotsakul, W., **Kaewthummanukul, T.**, & Songkham, W. (2018). Situation of occupational and environmental health among garment workers: An analysis of community enterprise. *Thai Journal of Nursing Council, 33*(1), 61-73.
- Tanomrat, S., Chanprasit, C., & **Kaewthummanukul, T.** (2017). Occupational health hazards and health status related to risk among workers in auto body repair shops. *Nursing Journal, 44*(4), 118-133.
- Srising, Y., Chanprasit, C., & **Kaewthummanukul, T.** (2017). Effect of raising awareness through safety training on hearing protective device use among wooden furniture workers. *Nursing Journal, 44*(3), 90-101.
- Penprapai, P., Suthakorn, W., & **Kaewthummanukul, T.** (2017). Effects of ergonomic intervention on muscle flexibility and back pain of wood carvers. *Nursing Journal, 44*(3), 77-89.
- Lerdpornasawan, N., Chanprasit, C., & **Kaewthummanukul, T.** (2017). Occupational health hazards and health status related to risk among waste collectors. *Nursing Journal, 44*(2), 138-150.
- Hengsuwan, R., Chanprasit, C., & **Kaewthummanukul, T.** (2016). Work ability and health status among registered nurses in a university hospital. *Nursing Journal, 43*(supplement), 116-128.
- Kaewthummanukul, T.**, & Sirakamon, S. (2016). Health promotion competency and practice among nurses in primary care service, the north region. *Nursing Journal, 43*(supplement), 184-195.

- Suwan, R., Nanasilp, P., & **Kaewthummanukul, T.** (2016). Occupational health hazards and health status related to risk among workers in large ceramic factory. *Nursing Journal, 43*(3), 67-78.
- Sriboonruang, K., Chanprasit, C., **Kaewthummanukul, T.** (2016). Effect of interactive safety training on work behaviors among wooden game workers. *Nursing Journal, 43*(3), 137-146.
- Opastiragul, W., Chanprasit, C., & **Kaewthummanukul, T.** (2015). Health status related to risk at work among professional nurses, Out Patient and Emergency Nursing Section, Maharaj Nakorn Chiang Mai Hospital. *Nursing Journal, 42*(2), 49-61.
- Songkham, W., Chanprasit, C., & **Kaewthummanukul, T.** (2014). Occupational hazards and health status among pottery workers. *Journal of Safety and Health, 7*(26), 6-16.
- Chaichanan, P., Chanprasit, C., & **Kaewthummanukul, T.** (2014). Occupational health hazards and work-related illnesses and injuries among informal workers: A case study of umbrella frame workers. *Nursing Journal, 41*(2), 48-60.
- Wongcharoen, A., Chanprasit, C., & **Kaewthummanukul, T.** (2013). Stages and processes of change in hearing protection devices among workers in potato chips factory. *Nursing Journal, 40*(supplement), 79-89.
- Jaibarn, P., Suthakorn, W., & **Kaewthummanukul, T.** (2013). Ergonomic factors and work-related musculoskeletal disorders among hospital supporting staff working with computers. *Nursing Journal, 40*(supplement), 1-11.
- Plykaew, R., Chanprasit, C., & **Kaewthummanukul, T.** (2013). Working posture and musculoskeletal disorders among rubber plantation workers. *Nursing Journal, 40*(1), 1-10.
- Tangsathajaroenporn, W., **Kaewthummanukul, T.**, & Sripusanapan, A. (2012). Work ability among professional nurses in a university hospital and related factors. *Nursing Journal, 39*(4), 152-168.
- Chaisurin, P., Moongtui, W., **Kaewthummanukul, T.**, & Satapornpat, P. (2012). Work-related musculoskeletal disorders prevalence and related factors among professional nurses working in surgical division, a tertiary care hospital. *Nursing Journal, 39*(Supplement), 46-61.

### **Books & Book Chapters**

- Jongrungrotsakul, W. & **Kaewthummanukul, T.**, (2020). The concept of occupational health nursing. In Wanpen Songkham (Editor), *Occupational health nursing: Concepts and applications*. (p. 31-56). Chiang Mai: N.P.T. Printing.
- Kaewthummanukul, T.** & Jongrungrotsakul, W. (2020). Roles and Competencies of Occupational Health Nurses. In Wanpen Songkham (Editor), *Occupational health nursing: Concepts and applications*. (p. 57-84). Chiang Mai: N.P.T. Printing.

- Kaewthummanukul, T.** & Jongrungrotsakul, W. (2020). Laws and standards related to occupational health nursing practice. In Wanpen Songkham (Editor), *Occupational health nursing: Concepts and applications*. (p. 183-217). Chiang Mai: N.P.T. Printing.
- Chanprasit, C., **Kaewthummanukul, T.**, Jongrungrotsakul, W., Sripetchwandee, N., ... Wisutthananon, A., (2019). *Quality of working life for sewing workers: From situation to cooperation to solve problems*. Chiang Mai: Thanuch Printing Co., Ltd.
- Kaewthummanukul, T.**, Chanprasit, C., Jongrungrotsakul, W., Wisutthananon, A., & Suriyawong, W. (2019). *Health promotion and risk reduction from work: A case study of rice farmer group*. Chiang Mai: Thanuch Printing Co., Ltd.
- Chanprasit, C., **Kaewthummanukul, T.**, ...Jongrungrotsakul, W. (2018). *Umong Community Welfare Fund: Success in Security*. Chiang Mai: Thanuch Printing Co., Ltd.

### Presentations & Speakers

- Kaewthummanukul, T.** (2021). The development of the Nursing Discipline in Thailand. The 1st International Nursing Academic Conference and the Now Process of the Connotation construction of Nursing Discipline Academic Conference. Nov 11, 2021 at Southwest Medical University, Sichuan, PR. China (Online).
- Kaewthummanukul, T.** (2021). The development of the Nursing Discipline in Thailand. The 13th China-ASEAN Education Cooperation Week: China-ASEAN College Nursing Education Develop Forum. Oct 30, 2021 at Zunyi Medical University, Guizhuo, PR. China (Online).
- Kaewthummanukul, T.** (2020). Leading Health Innovation. Moderator of keynote address. The 23rd East Asian Forum of Nursing Scholars (EAFONS) conference, "Advancing Nursing Scholars in the Era of Global Transformation and Disruptive Innovation." Jan 10-11, 2020 at Chiang Mai, Thailand
- Kaewthummanukul, T.** (2019). Thai Culture Sensitive Care (Speaker). Masters students at Tzu Chi University. April 6-11, 2019, Hualien, Taiwan
- Kaewthummanukul, T. et al.** (2013). Capacity building on occupational health among informal workforce: Participatory training. Oral presentation. New voices in Global Health: The 1<sup>st</sup> International Conference on New Research in Global Health 2013. February 15, 2013, at Thammasat University, Thailand.
- Kaewthummanukul, T. et al.** (2012). Lesson Learned Through Developmental Processes of Community Welfare Fund for Informal Workforce: Case Study of Pilot Integrated Area. Oral presentation. International Conference on Interprofessional Partnership: Improvement for Global Health Outcomes. September 5-7, 2012, Chiang Mai, Thailand.
- Kaewthummanukul, T. et al.** (2012). Capacity building on occupational health among informal workforce: Participatory training. Oral presentation. The 30th International Congress on Occupational Health. March 15-23, 2012 at Cancun, Mexico.

**Kaewthummanukul, T. et al. (2012).** Occupational health hazards, work-related illness and injury, work behaviors among informal workforce: Case study in baby corn planting farmer group. Oral presentation. The 30th International Congress on Occupational Health. March 15-23, 2012 at Cancun, Mexico.

**Kaewthummanukul, T. et al. (2011).** Capacity building on occupational health among informal workforce: Participatory training. Poster presentation. The 20<sup>th</sup> Asian Conference on Occupational Health (ACOH 2011) and The 5<sup>th</sup> National Conference on Occupational and Environmental Health. March 9-11, 2011 at The Emerald Hotel, Bangkok, Thailand.

**Kaewthummanukul, T. (2010).** Training of occupational health nursing: Empowerment skill of occupational health nurses for participatory workplace improvement. Speaker of the main symposium. The 3<sup>rd</sup> International Conference on Occupational Health Nursing and the 2<sup>nd</sup> Asia Conference on Occupational Health Nursing Joint Conference 2010. August 6-9, 2010 at Yokohama, Japan.

### **Organizational Membership**

2012-present: The Honor Society of Nursing, Sigma Theta Tau International (Phi Omega-at-Large Chapter)

2006-present: International Commission on Occupational Health

2002-present: Thailand Nursing and Midwifery Council

1992-present: Chiang Mai University Alumni Association

1992-present: The Nurses' Association of Thailand Under The Royal Patronage of Her Royal Highness The Princess Mother

1992-present: Faculty of Nursing Alumni, CMU

### **Awards**

2022: Outstanding Education Promoter in Chiang Mai Province on the Occasion of National Teacher's Day 2022, Youth Organization Council for Social Development & Chiang Mai Provincial Education Office.

2021: "60 Good Nurses", The Nurses' Association of Thailand, Northern region.

2018: Outstanding Teacher Award (Nursing Research), Faculty of Nursing Chiang Mai University

2014: Excellent quality independent study advisor (Academic Year 2014), Chiang Mai University

1992: Honored to be a member of the Nursing Association of Thailand (Lifetime)