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คณะสาธารณสุขศาสตร์

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## ประวัติการศึกษา :

**ปริญญาตรี** สาธารณสุขศาสตรบัณฑิต
**สถาบัน** มหาวิทยาลัยแม่ฟ้าหลวง **ประเทศ** ไทย
**ปริญญาโท** วิทยาศาสตรมหาบัณฑิต (สาธารณสุขศาสตร์) โรคติดเชื้อและวิทยาการระบา
**สาขา** ระบาดวิทยา
**สถาบัน** มหาวิทยาลัยมหิดล **ประเทศ** ไทย
**ปริญญาเอก** Doctor of Public Health
**สาขา** Occupational Safety and Health and Environmental Medicine and Risk
**สถาบัน** China Medical University **ประเทศ** ไต้หวัน

## ตำแหน่งทางวิชาการ :

อาจารย์

## สาขาวิชาที่เชี่ยวชาญ :

- Systematic review and meta-analysis
- Meta-regression

- Dose-response meta-analysis
- Epidemiology of environmental health
- Epidemiology of NCDs and cohort study

## รางวัล ทุนการศึกษา ทุนวิจัย :

- China Medical University Scholarship for International Students, 2019–2023
- ทุนผลการเรียนดีเด่นจาก China Medical University, 2019–2022
- Elite Doctoral Student Award Competition, 2020 and 2021
- Whetstone Scholarship, 2021 and 2022

## งานวิจัย :

| | |
|---|---|
| 2026 | Samorn Numpong, Chutimon Singkiao, **Kan Kledmanee,Hathaichon Inchai.** Prevalence of Antimicrobial Drug Resistance in *Streptococcus suis* and Treatment Outcomes in Thailand and Vietnam: A Systematic Review and Meta-Analysis. Zoonoses Ireland, 6(1), 24 |
| | Ro-Ting Lin, Louise E. Anthony, **Hathaichon Inchai**, Lung-Chang Chien, \| Chun-Chieh Yeh, \| Chi-Ying Yang, \| Jaw-Town Lin. Association of age at pancreatic cancer diagnosis withsmoking and drinking: A hospital-based and meta-analysis study.Advances in Digestive Medicine.2026; DOI: 10.1002/aid2.70024. |
| | สุรเดช ดวงทิพย์สิริกุล, ธีระ ศิริสมุด, บริบูรณ์ เชนธนากิจ, **หทัยชนน์ อินทร์ชัย.** มุมมองผู้ปฏิบัติการในระบบการแพทย?ฉุกเฉินกับบริการการแพทย์ฉุกเฉินกลุ่มเด็กในประเทศไทย.Journal of Emergency Medical Services of Thailand2026 ;6(1):27-41 |
| 2025 | Fu-Jen Lee,**Hathaichon Inchai**, Jaw-Town Lin, David Koh, Ro-Ting Lin**.** Dose-response relationship of cadmium and pancreatic cancer risk: a meta-analysis**.** Occup Environ Med 2025;**0**:1–8. doi:10.1136/oemed-2025-110163 |
| 2024 | **Hathaichon Boonhat,** Yue Leon Guo, Chang-Chuan Chan, Ro-Ting Lin. Estimates of the global burden of cancer-related deaths attributable to residential exposure to petrochemical industrial complexes from 2020 to 2040**.** Environmental Pollution 2024 doi: 10.1016/j.envpol.2024.123955 |

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| | Ro-Ting Lin, **Hathaichon Boonhat**, Yu-Yu Lin, Sonja Klebe, Ken Takahashi. Health Effects of Occupational and Environmental Exposures to Nuclear Power Plants: A Meta-Analysis and Meta-Regression. Current Environmental Health Reports https://doi.org/10.1007/s40572-024-00453-8 |
| 2023 | Liao YC, Xu YJ, Chen JK, **Boonhat H**, Su BY, Lin YC, Lin RT. Sex differences in children's cognitive functions and phthalates exposure: a meta-analysis. *Pediatr Res* 2023;94(5):1609–18. doi: 10.1038/s41390-023-02672-5. PMID: 37264138 PMCID: PMC10624603 |
| | **Boonhat H**, Pratama AP, Lin JT, Lin RT. Duration-response association between occupational exposure and pancreatic cancer risk: meta-analysis. *Occup Med* 2023 18;73(4):211–18. doi: 10.1093/occmed/kqad050. PMID: 37101416 PMCID: PMC10195200 |
| | **Boonhat H**, Lin RT, Lin JT. Association between residential exposure to petrochemical industrial complexes and pancreatic cancer: a systematic review and meta-analysis. *Int J Environ Health Res* 2023;33(1):116–27. doi: 10.1080/09603123.2021.2007226. PMID: 34930088 |
| 2020 | **Boonhat H**, Lin RT. Association between leukemia incidence and mortality and residential petrochemical exposure: A systematic review and meta-analysis. *Environ Int* 2020 145:106090. doi: 10.1016/j.envint.2020.106090. PMID: 32932064 |
| | Chang WW, **Boonhat H**, Lin RT. Incidence of Respiratory Symptoms for Residents Living Near a Petrochemical Industrial Complex: A Meta-Analysis. *Int J Environ Res Public Health* 2020 4;17(7):2474. doi: 10.3390/ijerph17072474. PMID: 32260460 PMCID: PMC7178237 |
| 2017 | Ruengurairoek T, Vathesatogkit P, **Boonhat H**, Warodomwichit D, Thongmuang N, Matchariyakul D, Sritara P, Jayanama K. The Association between Processed Meat Intake and the Prevalence of Type 2 Diabetes in Thais: a Cross-Sectional Study |

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| | from the Electricity Generating Authority of Thailand. *Ramathibodi Medical Journal* 2017; 40(3): 1–10. |

## International conferences/abstract publications:

| | |
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| 2022 | **Boonhat H**, Lin RT. Global burden of pancreatic cancer incidence and mortality attributable to residential exposure to the petrochemical industry in 2030. *Saf Health Work* 2022; 13: S128.<br><br>**Boonhat H**, Lin RT. Global burden of pancreatic cancer incidence and mortality attributable to residential exposure to the petrochemical industry in 2030, The 33rd International Congress on Occupational Health 2022, congress virtual platform, Melbourne, Australia, 2022.2.6–2022.2.10 |
| | Lin YY, **Boonhat H**, Lin RT. Low-dose radiation exposure and risk of pancreatic cancer among workers at nuclear power plants: a meta-analysis. *Saf Health Work* 2022; 13: S247.<br><br>Lin YY, **Boonhat H**, Lin RT. Low-dose radiation exposure and risk of pancreatic cancer among workers at nuclear power plants: a meta-analysis, The 33rd International Congress on Occupational Health 2022, congress virtual platform, Melbourne, Australia, 2022.2.6–2022.2.10 |
| 2019 | Lin YT, **Boonhat H**, Lin RT. The impact of air pollution control measures for the Beijing Olympics in 2008 on reducing respiratory and cardiovascular disease, 51st Asia-Pacific Consortium for Public Health Conference: SDGs in Reality, Bangkok, Thailand, 2019.11.20–2019.11.22 |
| | **Boonhat H**, Lin RT. Leukemia and petrochemical exposure: A meta-analysis, 51st Asia-Pacific Consortium for Public Health Conference: SDGs in Reality, Bangkok, Thailand, 2019.11.20–2019.11.22 |
| | **Boonhat H**, Lin RT. Leukemia incidence and the association with residential exposure to petrochemical industry complexes: a meta-analysis, Conference of |

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| | the International Society for Environmental Epidemiology and International Society of Exposure Science-Asia Chapter, Daegu, South Korea, 2019.10.17–2019.10.19 |
| | Ngampongpan W, Yingchoncharoen T, Sritara P, Aekplakorn W, Yamwong S, Vathesatogkit P, **Boonhat H**, Pattanaprateep O. THE EFFECTS OF CLIMATE AND AIR POLLUTANTS ON HEART FAILURE HOSPITALIZATIONS AND MORTALITY. *J Am Coll Cardiol* 2019; 73(9_Supplement_1): 1796. |
| | Ngampongpan W, Yingchonchareon T, Aekplakorn W, **Boonhat H**, Pattanaprateep O, Sritara P, Yamwong S, Vathesatogkit P, Janwanishstaporn S. 4946The effects of climate and air pollutants on heart failure hospitalizations and mortality (CLIMATE-HF Study). *Eur Heart J* 2019; 40(Supplement_1): ehz746.0016. |
| 2018 | Limpijankit T, Vathesatogkit P, Matchariyakul D, Yingchoncharoen T, **Boonhat H**, Sritara P. CARDIO-ANKLE VASCULAR INDEX AS A PREDICTOR OF CARDIOVASCULAR EVENTS AND ALL-CAUSE MORTALITY IN METABOLIC SYNDROME PATIENTS. *J Am Coll Cardiol* 2018; 71(11, Supplement): A1844. |
| 2015 | Boonhat H, Sujirarat D, Tipayamongkholgul M. The Association between Using of corticosteroids and Pulmonary Tuberculosis in Patients with Chronic Obstructive Pulmonary Disease. Proceedings of the 5th STOU Graduate Research Conference, 2015, Sukhothai Thammathirat Open University, 1–14, 2015 |
| **Book chapter:** | |
| 2021 | Ro-Ting Lin, **Hathaichon Boonhat**, David Koh. (2021). The Multidisciplinary Nature of Occupational Health Practice. In Textbook of Occupational Medicine Practice (pp. 909-944). WORLD SCIENTIFIC. doi:10.1142/9789811245657_0025 |
| **Reviewer experiences:** | |

Scientific reports Environmental Geochemistry and Health