



Lect.Dr. Hathaichon Inchai

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Education attainment :

Bachelor of Science (Public Health), Mae Fah Luang University
Master of Science (Public Health), Mahidol University
Doctor of Public Health, Occupational Safety and Health and Environmental Medicine
and Risk, China Medical University

Academic position :

Lecturer

Fields of interest :

Systematic review and meta-analysis
Meta-regression
Dose-response meta-analysis
Epidemiology of environmental health
Epidemiology of NCDs and cohort study

Awards and Scholarships:

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

Research :

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| 2023 | <p>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. <i>Pediatr Res</i> 2023;94(5):1609–18. doi: 10.1038/s41390-023-02672-5. PMID: 37264138 PMCID: PMC10624603</p> <p>Boonhat H, Pratama AP, Lin JT, Lin RT. Duration-response association between occupational exposure and pancreatic cancer risk: meta-analysis. <i>Occup Med</i> 2023 18;73(4):211–18. doi: 10.1093/occmed/kqad050. PMID: 37101416 PMCID: PMC10195200</p> <p>Boonhat H, Lin RT, Lin JT. Association between residential exposure to petrochemical industrial complexes and pancreatic cancer: a systematic review and meta-analysis. <i>Int J Environ Health Res</i> 2023;33(1):116–27. doi: 10.1080/09603123.2021.2007226. PMID: 34930088</p> |
| 2020 | <p>Boonhat H, Lin RT. Association between leukemia incidence and mortality and residential petrochemical exposure: A systematic review and meta-analysis. <i>Environ Int</i> 2020 145:106090. doi: 10.1016/j.envint.2020.106090. PMID: 32932064</p> <p>Chang WW, Boonhat H, Lin RT. Incidence of Respiratory Symptoms for Residents Living Near a Petrochemical Industrial Complex: A Meta-Analysis. <i>Int J Environ Res Public Health</i> 2020 4;17(7):2474. doi: 10.3390/ijerph17072474. PMID: 32260460 PMCID: PMC7178237</p> |
| 2017 | <p>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 from the Electricity Generating Authority of Thailand. <i>Ramathibodi Medical Journal</i> 2017; 40(3): 1–10.</p> |

International conferences/abstract publications:

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| <p>2022</p> | <p>Boonhat H, Lin RT. Global burden of pancreatic cancer incidence and mortality attributable to residential exposure to the petrochemical industry in 2030. <i>Saf Health Work</i> 2022; 13: S128.</p> <p>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</p> <hr/> <p>Lin YY, Boonhat H, Lin RT. Low-dose radiation exposure and risk of pancreatic cancer among workers at nuclear power plants: a meta-analysis. <i>Saf Health Work</i> 2022; 13: S247.</p> <p>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</p> |
| <p>2019</p> | <p>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</p> <hr/> <p>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</p> <hr/> <p>Boonhat H, Lin RT. Leukemia incidence and the association with residential exposure to petrochemical industry complexes: a meta-analysis, Conference of the International Society for Environmental Epidemiology and International Society of Exposure Science-Asia Chapter, Daegu, South Korea, 2019.10.17–2019.10.19</p> <hr/> <p>Ngampongpan W, Yingchoncharoen T, Sritara P, Aekplakorn W, Yamwong S, Vathesatogkit P, Boonhat H, Pattanapratchee O. THE EFFECTS OF CLIMATE AND AIR POLLUTANTS ON HEART FAILURE HOSPITALIZATIONS AND MORTALITY. <i>J Am Coll Cardiol</i> 2019; 73(9_Supplement_1): 1796.</p> <hr/> <p>Ngampongpan W, Yingchoncharoen T, Aekplakorn W, Boonhat H, Pattanapratchee O, Sritara P, Yamwong S, Vathesatogkit P, Janwanishstaporn S. 4946The effects of climate and air pollutants on heart failure hospitalizations</p> |

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| | and mortality (CLIMATE-HF Study). <i>Eur Heart J</i> 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. <i>J Am Coll Cardiol</i> 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 5 th STOU Graduate Research Conference, 2015, Sukhothai Thammathirat Open University, 1–14, 2015 |

Book chapter:

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| 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 |
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Reviewer experiences:

Scientific reports

Environmental Geochemistry and Health