

Thuy Nhu Thai, BsPharm, MPH, PhD

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EDUCATION AND TRAINING

Education

The University of Florida

Aug 2017- May 2022

Gainesville, Florida

Department of Pharmaceutical Outcomes and Policy

Doctor of Philosophy (GPA=3.96/4.00)

The University of Georgia

Aug 2015 - May 2017

Athens, Georgia

Master of Public Health in Epidemiology (GPA=4.0/4.0)

The University of Medicine and Pharmacy

Sep 2009 - Jul 2014

Ho Chi Minh City, Vietnam

Bachelor of Science in Pharmacy (GPA=8.27/10, Ranking: 2/237)

Training

Fukushima Medical University, Fukushima, Japan

Aug 2014

University of Medicine and Pharmacy, Ho Chi Minh City, Vietnam

Ho Chi Minh City, Vietnam

Epidemiological Research Training Course VI-1

Takasaki University of Health and Welfare, Gunma, Japan

Nov 2013

Gunma, Japan

Pharmaceutical Short-Term Study Program

Internship

Harvard Pilgrim Healthcare Institute, Sentinel

May - Aug 2019

Boston, Massachusetts

TreeScan analysis among infant and pregnant populations

Contributions:

- Developed a rationale to select infant and maternal related outcomes due to in utero drug exposure and built hierarchical tree structures for the selected outcomes based on Multilevel Clinical Classification Software
- Ran a testing TreeScan analysis for the newly developed trees
- Discussed and summarized some approaches for constructing ICD-10-CM tree structures and bridging ICD-9-CM and ICD-10-CM trees

Centers for Disease Control and Prevention, The Community Guide

Jun - Aug 2016

Atlanta, Georgia

Systematic review projects:

1. Obesity prevention and control: School-based food and beverage policy, environment, and programmatic interventions
2. Obesity prevention and control: School-based diet and physical activity policy, environment, or programmatic interventions
3. Pilot of expedited process of utilizing existing systematic reviews. Family-based interventions to increase physical activity in children: a systematic review, meta-analysis, and realist synthesis
4. Effectiveness of interventions for the primary prevention of intimate partner violence and sexual violence among youth

Contributions: was a second reviewer for study selection, quality and bias evaluation, and data abstraction

ACADEMIC APPOINTMENT

Assistant scientist, Department of Pharmaceutical Outcomes and Policy

College of Pharmacy, University of Florida

May 2022 – present

PUBLICATIONS

Articles in peer-reviewed journals

1. Beitelshes AL, Thomas CD, Empey PE, et al. Genotype-Guided Antiplatelet Therapy After Percutaneous Coronary Intervention in Diverse Clinical Settings. *J Am Heart Assoc.* Feb 15 2022;11(4):e024159.
2. Sarayani A, Albogami Y, **Thai TN**, et al. Prenatal exposure to teratogenic medications in the era of Risk Evaluation and Mitigation Strategies. *Am J Obstet Gynecol.* Jan 12 2022.
3. Vouri SM, **Thai TN**, Winterstein AG. An evaluation of co-use of chloroquine or hydroxychloroquine plus azithromycin on cardiac outcomes: A pharmacoepidemiological study to inform use during the COVID19 pandemic. *Res Social Adm Pharm.* 01 2021;17(1):2012-2017.

4. Sarayani A, Wang X, **Thai TN**, Albogami Y, Jeon N, Winterstein AG. Impact of the Transition from ICD-9-CM to ICD-10-CM on the Identification of Pregnancy Episodes in US Health Insurance Claims Data. *Clin Epidemiol*. 2020;12:1129-1138.
5. **Thai TN**, Sarayani A, Wang X, Albogami Y, Rasmussen SA, Winterstein AG. Risk of pregnancy loss in patients exposed to mycophenolate compared to azathioprine: A retrospective cohort study. *Pharmacoepidemiol Drug Saf*. 06 2020;29(6):716-724.
6. Wang CY, Pham PN, **Thai TN**, Brown JD. Updating the Cost Effectiveness of Oral Anticoagulants for Patients with Atrial Fibrillation Based on Varying Stroke and Bleed Risk Profiles. *Pharmacoeconomics*. 12 2020;38(12):1333-1343.
7. George N, **Thai TN**, Chan PS, Ebell MH. Predicting the probability of survival with mild or moderate neurological dysfunction after in-hospital cardiopulmonary arrest: The GO-FAR 2 score. *Resuscitation*. 2020;146:162-169. doi:10.1016/j.resuscitation.2019.12.001
8. **Thai TN**, Ebell MH. Prospective validation of the Good Outcome Following Attempted Resuscitation (GO-FAR) score for in-hospital cardiac arrest prognosis. *Resuscitation*. 2019;140:2-8. doi:10.1016/j.resuscitation.2019.05.002
9. **Thai TN**, Wang C-Y, Chang C-Y, Brown JD. Central Nervous System Effects of Oral Propranolol for Infantile Hemangioma: A Systematic Review and Meta-Analysis. *Journal of clinical medicine*. 2019;8(2):268.
10. **Thai TN**, Bui TC, Ebell MH. Developing and validating the Personal Risk of Oncogenic Human Papillomavirus infection score in US Women. *Family Practice*. 2018:cmy091-cmy091.
11. Ebell MH, **Thai TN**, Royalty KJ. Cancer screening recommendations: an international comparison of high income countries. *Public health reviews*. 2018;39:7.
12. **Thai TN**, Dale AP, Ebell MH. Signs and symptoms of Group A versus Non-Group A strep throat: A meta-analysis. *Fam Pract*. 2017.
13. Bui TC, **Thai TN**, Tran LT, Shete SS, Ramondetta LM, Basen-Engquist KM. Association Between Vaginal Douching and Genital Human Papillomavirus Infection Among Women in the United States. *J Infect Dis*. 2016;214(9):1370-1375.
14. Bui TC, Tran LT, **Thai TN**, Shete SS, Vidrine DJ, Sturgis EM. Prevalence of and Risk Factors for Oral Human Papillomavirus Infection With Multiple Genotypes in the United States. *Sex Transm Dis*. 2017;44(3):166-172.
15. Marchello C, Dale AP, **Thai TN**, Han DS, Ebell MH. Prevalence of Atypical Pathogens in Patients With Cough and Community-Acquired Pneumonia: A Meta-Analysis. *The Annals of Family Medicine*. 2016;14(6):552-566.
16. **Thai TN**, Huynh TP, Truong QT, Nguyen DT. Investigation on the rational use of antibiotics for hospital-acquired infections at the Hospital for Tropical Diseases at Ho Chi Minh City. *Ho Chi Minh City Journal of Medicine*. 2015; 19(3): 439-443

Letter to the Editors

1. **Thai TN**, Dawwas GK. Comments on the article “Effectiveness and safety of tofacitinib in rheumatoid arthritis: a cohort study”. *Arthritis Research & Therapy*. 2018;20(1):198.

Peer-reviewed conference presentations

1. **Thai T**, Nduaguba S, Smolinski NE, Wang X, Sahin L, Gelperin K, Bird ST, Kreftin I, Rasmussen S, Winterstein AG. Effects of gadolinium-enhanced MRI exposure during pregnancy on neonatal intensive care unit admission. 37th Internal Conference on Pharmacoepidemiology and Therapeutic Risk Management, Virtual, August 2021. *Pharmacoepidem Drug Saf* 2021;30(S1):63-64
2. **Thai TN**, Rasmussen SA, Smolinski NE, et al. Implication of maternal continuous enrollment on stillbirth gestational age distributions and maternal characteristics in Medicaid enrollees . 37th Internal Conference on Pharmacoepidemiology and Therapeutic Risk Management, Virtual. *Pharmacoepidem Drug Saf* 2021;30(S1):63-64
3. Zhu Y, **Thai TN**, Bateman BT, et al. Validating an optimized live birth gestational age algorithm in a nationwide Medicaid sample and quantifying the misclassification of exposure due to estimated gestational age. *Pharmacoepidem Drug Saf* 2021;30(S1):68-68.
4. Sarayani A, Albogami Y, Wang X, Thai TN, et al. Prenatal exposure to teratogenic medications in the era of risk evaluation and mitigation strategies (REMS). *Pharmacoepidem Drug Saf* 2021;30(S1):307-307.
5. **Thai TN**, Sarayani A, Albogami Y, et al. Pregnancy outcomes among women exposed to potentially harmful drugs. *Pharmacoepidem Drug Saf* 2020;29(S3):12-12.
6. **Thai TN**, Wang X, Pham P, et al. Effect modification of inflammatory bowel disease on thromboembolism risk of combined oral contraceptive. *Pharmacoepidem Drug Saf* 2020;29(S3):603-603.
7. Zhu Y, **Thai TN**, Bateman BT, et al. Validating an optimized live birth gestational age algorithm in a nationwide Medicaid sample and quantifying the misclassification of exposure due to estimated gestational age. Vol 30: PHARMACOEPIDEMIOLOGY AND DRUG SAFETY; 2021:68-68.
8. **Thai TN**, Sarayani A, Wang X, Albogami Y, Rasmussen SA, Winterstein AG. Risk of Pregnancy Loss in Patients Exposed to Mycophenolate Compared to Azathioprine: A Retrospective Cohort Study. International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Pennsylvania Convention Center, Pennsylvania, USA, August 24-28, 2019. *Pharmacoepidemiol Drug Saf.* 2019; 28(S2): 5– 586. DOI: <https://doi.org/10.1002/pds.4864> (Abstract #53, Second best abstract)
9. Zhu Y, **Thai TN**, Bateman BT, Hernandez-Diaz S, Franklin JM, Straub L, Winterstein AG, Gray KJ, Qiang Y, Hua W, Taylor LG, Huybrechts KF. Development and Validation of Algorithms to Estimate Live Birth Gestational Age in Medicaid Analytic eXtract data. International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Pennsylvania Convention Center, Pennsylvania, USA, August 24-28, 2019. *Pharmacoepidemiol Drug Saf.* 2019; 28(S2): 5– 586. <https://doi.org/10.1002/pds.4864> (Abstract #477)
10. **Thai TN**, Henriksen C, Gray KJ, Bateman BT, Hernandez-Diaz S, Zhu Y, Straub L, Huybrechts KF, Winterstein AG. Determinants of Missing or Delayed Prenatal Screening in Florida, New Jersey, and Texas Medicaid Populations 1999 to 2010. International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Pennsylvania Convention Center, Pennsylvania, USA, August 24-28, 2019. *Pharmacoepidemiol Drug Saf.* 2019; 28(S2): 5– 586. <https://doi.org/10.1002/pds.4864> (Abstract #767)
11. George N, **Thai TN**, Ebell MH. “GO-FARTHER Score: Model to Predict Survival After IHCA With Moderate or Less Cerebral Dysfunction.” 48th Critical Care Congress, San Diego, USA. Feb 17-20, 2019.

12. **Thai TN**, Bui TC, Ebell MH. Developing and validating the Personal Risk of Oncogenic Human Papillomavirus infection score in US Women. Paper presented at 34th International Conference on Pharmacoepidemiology and Therapeutic Risk Management, Prague, Czech Republic. Aug 24-28, 2018
13. **Thai TN**, Ebell MH. Prospective Validation of the Good Outcome Following Attempted Resuscitation (GO-FAR) Score for In-Hospital Cardiac Arrest Prognosis. Paper presented at 45th North American Primary Care Research Group Annual Meeting, Montreal, Quebec, Canada. Nov 21, 2017
14. **Thai TN**, Dale AC, Ebell MH. Diagnosis of Group A versus Non-Group A streptococcal infection: A meta-analysis. Paper presented at 44th North American Primary Care Research Group Annual Meeting, Colorado Spring, CO, USA. Nov 12-16, 2016
15. Marchello CS, Perry AC, **Thai TN**, Han DS, Ebell MH. The prevalence of atypical pathogens in patients with cough and community-acquired pneumonia: A meta-analysis. Paper presented at 44th North American Primary Care Research Group Annual Meeting; Colorado Spring, CO, USA. Nov 12-16, 2016
16. Bui TC, Tran LT, **Thai TN**, Shete SS, Vidrine DJ, Sturgis EM. Prevalence and risk factors for oral human papillomavirus infection with multiple genotypes in the United States. Paper presented at the HPV 2015: 30th International Papillomavirus Conference and Clinical and Public Health Workshops, Lisbon, Portugal. Sep 17-21, 2015
17. **Thai TN**, Huynh TP, Truong QT, Nguyen DT. Investigation on the rational use of antibiotics for hospital-acquired infections at the Hospital for Tropical Diseases at Ho Chi Minh City. Paper presented at *The Hospital Pharmacist Association Conference*, Ho Chi Minh City, Vietnam. Nov 30, 2014

AWARDS/HONORS

1. Senior Clinical Science Research Finalist at 35th Annual Research Showcase
Awarded by College of Pharmacy, University of Florida 2022
2. POPStar Programming Hall of Frame
Awarded by Department of Pharmaceutical Outcomes and Policy, College of Pharmacy, University of Florida 2020
3. The Second Best Abstract Submitted by Student or Postdoctoral at 2019 ISPE Scholarship for 35th International Conference on Pharmacoepidemiology and Therapeutic Risk Management, Philadelphia, USA
Awarded by International Society for Pharmacoepidemiology 2019
4. The 2019 ISPE Scholarship for 35th International Conference on Pharmacoepidemiology and Therapeutic Risk Management, Philadelphia, USA
Awarded by International Society for Pharmacoepidemiology 2019
5. The 2018 ISPE Scholarship for 34th International Conference on Pharmacoepidemiology and Therapeutic Risk Management, Prague, Czech Republic
Awarded by International Society for Pharmacoepidemiology 2018
6. Vietnam Education Foundation Fellowship for Master of Public Health at the University of Georgia

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| Awarded by Vietnam Education Foundation | 2015 - 2017 |
| 7. Vallet Award for Excellent Students in Vietnam | |
| Awarded by Recontres Du Vietnam | 2013 |
| 8. Daewoong Foundation Global Award for Excellent Students in Vietnam | |
| Awarded by Daewoong Pharmaceutical Company | 2013 |
| 9. The Lawrence S. Ting Award for Excellent Students | |
| Awarded by Lawrence S. Ting Memorial Fund | 2012 |
| 10. The award for Student with the Best Academic Result | |
| Awarded by University of Medicine and Pharmacy, Ho Chi Minh City | 2011 |
| 11. The Award for Achieving the Highest Result in the National University Entrance Examination | |
| Awarded by Education and Training Department of Tien Giang Province | 2009 |

PROFESIONAL AFFILIATIONS

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| 1. International Society for Pharmacoepidemiology (ISPE) | |
| Member | 2018-Present |
| 2. University of Florida ISPE Student Chapter | |
| Member | 2018-Present |
| Secretary | 2017-2018 |