

ANUSORN THANATAVEERAT, BPharm, MPH

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EDUCATION

Columbia University, Mailman School of Public Health, New York, NY

Sep-13 – Present DrPH Candidate in Biostatistics

Dec-11 MPH in Health Policy & Management/Effectiveness & Outcomes Research

Chulalongkorn University, Bangkok, Thailand

Feb-08 BS in Pharmacy

Honors: First Class Honors Received

GRANTS AND AWARDS

Columbia University, Mailman School of Public Health, New York, NY

Sep-13 – Mar-16 Graduate Research Assistantship, Columbia University

Oct-13 Student Travel Fund Award, Columbia University

PROFESSIONAL EXPERIENCE

Columbia University Medical Center, New York, NY

Apr-19 – Present *Senior Data analyst, Center for Behavioral Cardiovascular Health, Department of Medicine*

Apr-16 – Mar-19 *Data analyst, Center for Behavioral Cardiovascular Health, Department of Medicine*

- Work extensively with large datasets with sample sizes over 30000 and with over 100 attributes.
- Create datasets and perform the statistical analyses including linear regression analysis, longitudinal analysis and logistic regression analysis, and statistical modeling (GLM, Logistic model, GEE and Mixed Model) of clinical trials and observational studies using SAS and R.
- Generate tables and figures for analysis results, and communicate statistical results of the research datasets to investigators and data team member
- Write method and result sections for publications and respond to the reviewers' comments for statistics session

Feb-12 – Sep-13 *Data analyst, Department of Medicine*

Jun-11 – Jan-12 *Intern, Department of Medicine*

- Constructed computer simulation model to evaluate the cost-effectiveness of primary cardiovascular disease prevention using TreeAge
- Optimized the Microsimulation model by introducing new approaches which increase the model's tractability and using cross-platform communication
- Ran simulations with the Coronary Heart Disease (CHD) Policy Model software in Fortran
- Investigated and analyzed U.S. national data (NHANES, NHDS, WONDER, BFRSS)
- Conducted research, including literature reviews, to support assumptions for health economic models

Johnson & Johnson, Bangkok, Thailand

Feb-08 – Sep-09 *Clinical Research Associate, Global Clinical Operations group*

- Conducted studies in the fields of Hematology and Infectious Disease
- Supported marketing and sales team to achieve their targets
- Supervised data management team on the investigator-initiated study which collected data on prevalence, risk factors and severity of multiple myeloma
- Collaborated with regulatory affairs unit in order to import unlicensed medicine for pediatric patients

- Initiated the tax-exemption process for oncology products
- Maintained quality standards and timelines to meet business needs and contributed to the development and improvement of departmental procedures and processes
- Trained summer interns on clinical trial management topics

Prapokklao Hospital, Chantaburi, Thailand

Mar-07 – Jun-07 *Intern Pharmacist*

- Dispensed drugs according to prescriptions to in- and out-patients
- Assessed drug-related problems and developed care plans for patients
- Conducted drug use evaluation, monitored and followed up adverse drug reaction cases

PUBLICATIONS

1. Moise, N., Davidson, K. W., Cheung, K., Clarke, G. N., Dolor, R. J., Duer-Hefe, J., **Thanataveerat, A.**, ... & Retuerto, J. (2019). Rationale, design, and baseline data for a multicenter randomized clinical trial comparing depression screening strategies after acute coronary syndrome: The comparison of depression identification after acute Coronary Syndromes-Quality of Life and Cost Outcomes (CODIACS-QOL) trial. *Contemporary clinical trials*, 105826.
2. Axelrad, J. E., Faye, A. S., Pinsino, A., **Thanataveerat, A.**, Colombo, P., Yuzefpolskaya, M., & Gonda, T. A. (2019). 51 PROSPECTIVE EVALUATION OF AN ENDOSCOPIC MANAGEMENT ALGORITHM FOR GASTROINTESTINAL BLEEDING IN PATIENTS WITH LEFT VENTRICULAR ASSIST DEVICES. *Gastrointestinal Endoscopy*, 89(6), AB49.
3. Zhu, D. R., Julian, J., Lee, S. J., **Thanataveerat, A.**, & Sumner, J. A. (2018). Patterns of peritraumatic threat perceptions in patients evaluated for suspected acute coronary syndrome according to prior and current posttraumatic stress symptoms. *General hospital psychiatry*.
4. Diaz, K. M., **Thanataveerat, A.**, Parsons, F. E., Yoon, S., Cheung, Y. K., Alcantara, C., ... & Burg, M. M. (2018). The Influence of Daily Stress on Sedentary Behavior: Group and Person (N of 1) Level Results of a 1-Year Observational Study. *Psychosomatic medicine*.
5. **Thanataveerat, A.**, Kohli-Lynch, C., Pletcher, M. J., Vittinghoff, E., Moran, A. E. (2018, March). Potential Value of Long-term Intensive BP Treatment in 40-year Patients: A Computer Simulation Study. Poster session presented at EPI/Lifestyle 2018 Scientific Sessions, New Orleans, LA.
6. Axelrad, J. E., Pinsino, A., Trinh, P. N., **Thanataveerat, A.**, Brooks, C., Demmer, R. T., ... & Garan, A. R. (2017). Limited usefulness of endoscopic evaluation in patients with continuous flow left ventricular assist devices and gastrointestinal bleeding. *The Journal of Heart and Lung Transplantation*.
7. Moise, N., **Thanataveerat, A.**, Alcantara, C., Ye, S., Davidson, K., Qian, M., ... & Kronish, I. (2017). Willingness for Depression Treatment Following Myocardial Infarction. *Circulation*. 2017;136:A15009.
8. Sumner, J., Zhu, D., Lee, S., **Thanataveerat, A.** (2017, April). Patterns of Peritraumatic Threat Perceptions in Patients Evaluated for Suspected Acute Coronary Syndrome According to Prior and Current Posttraumatic Stress Symptoms. Poster session presented at Anxiety and Depression Conference 2017, San Francisco, CA.
9. Obi, M., Moise, N., Alcantara, C., **Thanataveerat, A.**, Kronish, I. (2017, April). Health priorities following myocardial infarction: Results from a national survey. Poster session presented at Society of General Internal Medicine Annual Meeting, Washington, DC.
10. **Thanataveerat, A.**, Kohli-Lynch, C., Pletcher, M. J., Vittinghoff, E., Moran, A. E. (2017, March). Potential Value of Long-term Intensive BP Treatment in 40-year Patients: A Computer Simulation

Study. Poster session presented at EPI/Lifestyle 2017 Scientific Sessions, Portland, OR.

11. Kohli-Lynch, C., **Thanataveerat, A.**, Pletcher, M. J., Vittinghoff, E., Moran, A. E. (2017, March). Long-Term Benefits of Blood Pressure Lowering in Young Adulthood: A Computer Simulation Study. Poster session presented at EPI/Lifestyle 2017 Scientific Sessions, Portland, OR.
12. **Thanataveerat A.**, Chang B. P., Parsons F., Sundquist K., Suh E., Sumner J. A. (2017, March). Greater Emergency Department Crowding is Associated with Elevated Posttraumatic Stress Symptoms in the Acute Aftermath of Evaluation for Suspected Acute Coronary Syndrome. Poster session presented at The Annual Meeting of the American Psychosomatic Society, Seville, Spain.
13. Pletcher, M. J., Vittinghoff, E., **Thanataveerat, A.**, Bibbins-Domingo, K., & Moran, A. E. (2016). Young Adult Exposure to Cardiovascular Risk Factors and Risk of Events Later in Life: The Framingham Offspring Study. PLoS one, 11(5), e0154288.
14. Gu, D., He, J., Coxson, P. G., Rasmussen, P. W., Huang, C., **Thanataveerat, A.**, . . . Zhao, D. (2015). The Cost-Effectiveness of Low-Cost Essential Antihypertensive Medicines for Hypertension Control in China: A Modelling Study. PLoS medicine, 12(8).
15. Yang, J. J., **Thanataveerat, A.**, Green, P. H., & Lebwohl, B. (2015). Cost Effectiveness of Routine Duodenal Biopsy Analysis for Celiac Disease During Endoscopy for Gastroesophageal Reflux. Clinical Gastroenterology and Hepatology.
16. Moran AE, Odden MC, **Thanataveerat A**, et al. Cost-Effectiveness of Hypertension Therapy According to 2014 Guidelines. New England Journal of Medicine 2015; 372:447-55.
17. **Thanataveerat A.** (2013, October). Calibration of a Markov Cardiovascular Disease Microsimulation Model Using an Established Cell-Based Simulation Model. Paper presented at The 35th Annual Meeting of the Society for Medical Decision Making, Baltimore, MD.

PRESENTATIONS

	Chulalongkorn University, School of Pharmaceutical Sciences, Bangkok, Thailand
Aug-13	TreeAge Pro Training
	Takeda Pharmaceuticals, Bangkok, Thailand
Jul-14	Statistical Analysis in Medical Journals
	Mount Sinai Hospital, Department of Population Health Science and Policy, New York, NY
May-15	Analysis of the Cost-Effectiveness of Hypertension Treatment in the U.S.
	Takeda Pharmaceuticals, Bangkok, Thailand
Sep-15	Snapshot of Health Technology Assessment (HTA)

SKILLS

Computer: TreeAge, FileMaker, SAS, STATA, SPSS, R, Latex, GitHub, Microsoft Office

Languages: Thai (native), English (fluent)

PROFESSIONAL ASSOCIATION

May-08 - Present **THE PHARMACY COUNCIL, Thailand**