

EDUCATION

Ph.D.	Economics Michigan State University East Lansing, MI ▪ Passed Ph.D. Qualifying Exam in Econometrics with Distinction	2021 – 2025 (expected)
M.A.	Economics Michigan State University East Lansing, MI	2019 – 2021
B.A.	Economics with Mathematics minor Dickinson College Carlisle, PA ▪ Honors: <i>summa cum laude</i> , Phi Beta Kappa	2015 – 2019

WORK EXPERIENCE

Teaching Assistant/Instructor <i>Michigan State University</i>	August 2019 – Present East Lansing, MI
<ul style="list-style-type: none"> Enhance student learning through dedicated office hours and personalized academic support Designed and delivered an online Introduction to Microeconomics course to 87 students 	
Statistical Consultant <i>MSU Center for Statistical Training & Consulting</i>	May 2023 – May 2024 East Lansing, MI
<ul style="list-style-type: none"> Provided high-quality statistical services to MSU faculty, staff, and graduate students, including data collection and management, survey design, research question formulation, and statistical modeling Produced technical reports and presented complex statistical analyses to diverse audiences Prepared, negotiated, and signed a consulting bid to secure extra funding for CSTAT (\$1,585) Managed multiple projects simultaneously to ensure prompt delivery of services 	
Research Assistant for Dr. Prabhat Barnwal <i>Michigan State University</i>	August 2022 – December 2022 East Lansing, MI
<ul style="list-style-type: none"> Objective: Analyze the impacts of the 2017 Goods and Services Tax (GST) system in India on state border crossing times, border checkpoint delays, and bribery Cleaned relay-trucking and survey data, and created summary reports/visuals Performed preliminary statistical analyses in Stata 	
Research Assistant for Dr. Oren Ziv <i>Michigan State University</i>	May 2021 – August 2021 East Lansing, MI
<ul style="list-style-type: none"> Objective: Study the causal impacts of transshipping activities on trade flows and global supply chains Processed hundreds of millions of daily containerized U.S. imports from 2007-2018 Used the supercomputer at MSU to perform preliminary econometric analysis, including Poisson Pseudo-Maximum Likelihood Estimation with high-dimensional fixed effects and Instrumental Variable design 	

SELECTED PROJECTS

“Anticipating Tariff Changes: Did American Importers Respond to Trump's 2016 Victory?”	
<ul style="list-style-type: none"> Applied causal inference methods (triple-differences, event study, fixed effects) to examine how American importers responded to tariff threats induced by the 2016 U.S. presidential election Found that firms buying high-risk products from China stockpiled in anticipation of potential tariffs (5% increase in quarterly imports across all firms, 15% increase for the smallest quintile of firms) Showed that firms were unable to adjust their supplier networks in the short run 	
“MSU College of Osteopathic Medicine (COM) Reports Compendium”	
<ul style="list-style-type: none"> Developed and deployed an R package for MSU COM to evaluate the curriculum and predict student performance on high-stakes licensing exams Built, trained, and evaluated classification models (logistic and decision tree) to determine strong predictors of passing COMLEX-USA Level 1 (achieving an accuracy of 91%) and revise the cutoff score on practice exam Fitted a Bayesian generalized linear model to predict COMLEX-USA Level 2-CE scores Created a pipeline to streamline recurrent data updates, iterative imputation of missing data, and periodic production of reproducible individualized reports 	

SKILLS

Research Methods	Causal Inference, Machine Learning, A/B Testing, Advanced Regression Analysis, Bayesian Statistics, Data Analysis/Visualization
Software/Programming Languages	Stata, R, Python, SQL, Git, Microsoft Office, LaTeX Vietnamese, English, Mandarin Chinese