Lam Bui

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lamkbui.github.io

Ph.D. candidate in Economics at Boston University with experience in data analysis, structural modeling, and counterfactual simulation. Develops econometric models to assess how changes in market structure or policy could affect prices and competition. Proficient in Python, R, and Stata for data preparation, statistical analysis, and econometric estimation. Adept at translating complex economic models and quantitative results into clear explanations for technical and nontechnical audiences.

SKILLS

Programming and software: Python, R, Stata, MATLAB, LaTeX

Skills: Econometrics, Causal Inference, Structural Estimation, Counterfactual Simulation, Sensitivity Analysis, Demand Modeling, Auction Modeling, Data Analysis, Data Cleaning & Visualization, Web Scraping, Academic Writing, Research Presentations

Languages: English (fluent); Vietnamese (native)

EDUCATION

Boston University — Boston, MA
Ph.D. in Economics — Expected May 2027
Fields: Empirical Industrial Organization and Health Economics

University of Virginia — Charlottesville, VA
B.A. in Economics and Mathematics — May 2022
With Highest Distinction

RESEARCH PROJECTS

Upstream Overlap and Downstream Airline Competition
Job Market Paper | October 2026

- Analyzed U.S. domestic airline data from 1998-2016 to examine how shared regional carriers relate to fares and price differences between competing airlines.
- Combined demand and marginal cost estimates with a model of pricing incentives to separate the effects of production costs and information about competitors' costs.
- Simulated pricing outcomes under alternative cost and monitoring conditions and evaluated the American Airlines-US Airways merger. Showed that shared suppliers change the magnitude of simulated consumer gains.

Auction Formats for Drug Procurement: Evidence from Vietnam
Research in Progress

- Analyzed hypertension drug procurement data from 2013-2024 across five regulatory quality tiers in Vietnam.
- Estimated supplier cost distributions with a nonparametric structural auction model and simulated price-only and quality-adjusted alternatives to tier-separated auctions.
- Found lower simulated procurement spending under both alternatives, with increased competition contributing more to savings than shifts toward lower-tier drugs. Lower-tier domestic generics accounted for approximately 54% of the simulated market under price-only bidding and 50% under quality-adjusted bidding.

RESEARCH PRESENTATIONS

- Boston University Micro Dissertation Workshop, 2024-2026
- Boston University Empirical IO Reading Group, 2024-2026
- Southern Economic Association 96th Annual Meeting, Houston, TX, 2026 (scheduled)

EXPERIENCE

Boston University Boston, MA

Research Assistant to Professor Jihye Jeon Sep 2026 - Present

- Support faculty research in industrial organization and health economics on submarine cable ownership and hospital credit ratings.
- Analyze cable ownership shares and consortium structures to identify patterns in how ownership is distributed among participating firms.
- Examine changes in hospital credit rating methodologies and prepare analytical reports documenting findings.

Research Assistant to Professor Gaurab Aryal Jun 2025 - Dec 2025

- Estimated firm-level markups in R for over 167,000 firm-year observations using Compustat data. Produced regression tables and figures for research on corporate financing.
- Built an R and Python workflow to retrieve metadata for 61,000+ papers from Crossref and match author contact details from PDFs and web sources for a survey of economists.

University of Virginia Charlottesville, VA

Research Assistant to Professor Federico Ciliberto Jan 2021 - May 2022

- Collected and processed clinical trial results covering approximately 600 firms over 20 years.
- Supported health economics research through data collection, web scraping, cleaning, and research documentation.

Deloitte Vietnam Hanoi, Vietnam

Audit Support Intern Jun 2020 - Aug 2020

- Reviewed financial statements to support the audit team.

TEACHING AND TECHNICAL COMMUNICATION

Boston University Department of Economics Boston, MA

Teaching Fellow Fall 2023 - Spring 2026

- Explained statistical and economic concepts to undergraduate and graduate students through discussion sections and office hours.
- Guided students in developing their own research projects and communicating their analyses.

Courses: Graduate and undergraduate Industrial Organization; Empirical Economics; Statistical Analysis; International Trade; Economic Analysis of Legal Issues; Environmental Economics.

ACADEMIC SERVICE

Boston University Empirical IO Reading Group 2026-2027

Co-Organizer

AWARDS AND FELLOWSHIPS

GSO Conference Grant 2026

Boston University Graduate Student Fellowship 2022-2026

University of Virginia Dean's List 2018-2022

CITIZENSHIP

Vietnamese citizen | F-1 student visa

REFERENCES

Professor Gaurab Aryal
Department of Economics
Boston University
(312) 622-5229
aryalg@bu.edu

Professor Marc Rysman
Department of Economics
Boston University
(617) 353-3086
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Professor Jihye Jeon
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