

# Lei He

## School of Business and Economics

Moravian University  
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## EDUCATION

- 2020 Ph.D. in Economics, University of Oklahoma
- 2011 M.S. in Industrial Economics, Beijing Jiaotong University
- 2008 B.A. in English, Beijing Jiaotong University

## ACADEMIC POSITION

- 2023 - present Assistant Professor of Economics, Moravian University
- 2022 - 2023 Visiting Assistant Professor of Economics, Moravian University
- 2020 - 2022 Instructor of Economics, York College of Pennsylvania

## RESEARCH INTERESTS

Primary: Applied Microeconomics, Industrial Organization, Network Formation  
Secondary: Money and Monetary Policy.

## RESEARCH GRANT

Subaward through the University of Oklahoma from DOD-ARP, L. He (Sub PI), 1/24/2023-7/26/2024, \$78,567 (Award# HR001123C0060, Subaward# 2023-72).

## PUBLICATIONS

2. [“Competitive Response to Unbundled Services: An Empirical Look at Spirit Airlines,”](#) (with Myongjin Kim and Qihong Liu), *Journal of Economics & Management Strategy*, 31, 2022, p.115-145.  
**Top Cited Article** 2022-2023 at *the Journal of Economics & Management Strategy*.
1. [“Subcontracting Network Formation among US Airline Carriers,”](#) (with Georgia Kosmopoulou), *Journal of Industrial Economics*, 69(4), 2021, p.817-853.

## Other Publication (in Chinese)

1. [“Sunk Capital, Fixed Cost and Entry Equilibrium,”](#) *Review of Industrial Economics (Shandong, A top Chinese journal in I.O.)*, 2013, Vol.4, 49-69.

## WORKING PAPERS

2. “Network Effects, Competition and Survival of Small and Minority-Owned Firms in Public Procurement,” September 2023 (with Nancy Alexander, Georgia Kosmopoulou and Xueqi Zhou), under review with *Journal of the European Economic Association*.

1. “Carry-on Baggage Fee: Duopolistic Price Discrimination with Homogeneous Product,” July 2024.

## WORK IN PROGRESS

5. “An Attempt to Understand Money, Business Cycle and Growth with a Theoretical Microeconomic Model”.
4. “Determinations of Film Box-Office: The Network Analysis on Film Makers” (with Georgia Kosmopoulou and Yue Wu).
3. “Networks and Joint Bidding Behaviors” (with Dakshina De Silva, Georgia Kosmopoulou, and Mike Tsionas).
2. “Network Dynamics in the U.S. Airline Industry” (with Kasra Khademorezaian, Myongjin Kim, and Georgia Kosmopoulou).
1. “Airlines’ Route Networks, Pandemic and Subcontracting” (with Kasra Khademorezaian, Myongjin Kim, Georgia Kosmopoulou, and Qihong Liu).

## TEACHING EXPERIENCE

### Moravian University

Using Data in Business Decision Making	2 section
Applied Econometrics	5 sections
Principles of Economics	6 sections
Econ & Business Statistics	2 sections

### York College of Pennsylvania

Academic Advisor of 29 undergraduate students

#### Course Designed

Spreadsheet Modeling (Asynchronous)

#### Courses Taught

Managerial Economics	2 sections (1 HyFlex)
Principle of Economics (Macro)	12 sections (6 HyFlex & 1 Synchronous Online)
Principle of Economics (Micro)	2 sections (1 HyFlex)

### University of Oklahoma

#### Course Designed and Taught

Principle of Economics-Macro (Asynchronous)	1 section
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#### Courses Taught

Math Camp (PhD)	1 section
Econometric Analysis	1 section
Intermediate Microeconomic Theory	1.5 sections
Principle of Economics-Macro	1 section
Principle of Economics-Micro	1 section

#### Course Taught as Substitute Instructor

Elements of Statistics (300 students)
Advanced Price/Welfare Theory (PhD)
Seminar-Industrial Organization (PhD)

**AWARDS AND GRANTS**

2014-20	Teaching/Research Assistantship, University of Oklahoma
2018,17,16	Runner-up Winner of the Chong Liew Research Award (\$1000 each), University of Oklahoma
2018,16,15	College of Art and Science Student Travel Grant (\$750, \$500 and \$500), University of Oklahoma
2018,17	Graduate Student Senate Conference Travel Grant (\$750 and \$450), University of Oklahoma
2017	Chong Liew Travel Scholarship (\$1000), University of Oklahoma
2016	Sooner Heritage Scholarship (\$700), University of Oklahoma
2015	Chong Liew Outstanding First Year Graduate Student Award (\$1500), University of Oklahoma
2010	Graduate Student Scholarship (\$550), Beijing Jiaotong University

**CONFERENCE PARTICIPATIONS****(P: Presenter, D: Discussant, S: Session Chair & C: Presented by a Coauthor)**

Time	Role	Conference
2024	PD	Southern Economic Association 94th Annual Meeting, Washington, DC (Scheduled)
2024	PDS	99th Western Economic Association International Annual Conference, Seattle, WA
2024	PC	Conference on Auctions, Firm Behavior and Policy, University of Oklahoma, OK
2023	P	Invited Talk, IEF Seminar, Institute of Economics and Finance, Nanjing Audit University, China
2023	P	Conference on Auctions, Firm Behavior and Policy, Colby College, ME
2022	PDSC	Southern Economic Association 92nd Annual Meeting, Fort Lauderdale, FL
2021	P	Southern Economic Association 91st Annual Meeting, Houston, TX
2019	C	Southern Economic Association 89th Annual Meeting, Fort Lauderdale, FL
2019	C	46th Annual Conference of the European Association for Research in Industrial Economics, Barcelona, Spain
2019	C	18th Conference on Research on Economic Theory and Econometrics, Tinos, Greece
2019	C	17th Annual International Industrial Organization Conference, Boston, MA
2018	PD	Southern Economic Association 88th Annual Meeting, Washington, DC
2018	PDS	93rd Western Economic Association International Annual Conference, Vancouver, Canada
2018	PD	16th Annual International Industrial Organization Conference, Indianapolis, IN
2017	PS	Southern Economic Association 87th Annual Meeting, Tampa, FL
2017	PD	2017 Midwest Economics Association Annual Meeting, Cincinnati, OH
2016	PD	53rd Annual Meeting of the Missouri Valley Economic Association, St. Louis, MO

2015 PD 52nd Annual Meeting of the Missouri Valley Economic Association, Kansas City, MO

## PROFESSIONAL SERVICE

2024 Reviewer, *Southern Economic Journal*  
 2023 Reviewer, *China Economic Review*  
 2023 Reviewer, *Southern Economic Journal*  
 2023 Reviewer, *Journal of Economic Behavior & Organization*  
 2023 Reviewer, *Economics Bulletin*  
 2019 Reviewer, *Economics Bulletin*  
 2014 Reviewer, *Review of Industrial Economics (Shandong)* (A top Chinese journal in I.O.)

## UNIVERSITY SERVICE

2024-present Member, Academic Standard Committee, Moravian University  
 2022-2023 Member, Assessment and Standard Committee, School of Business and Economics, Moravian University  
 2023-2024 Liaison, Honors Committee, Moravian University  
 2021-2022 Host, Department Open House, York College of Pennsylvania  
 2021-2022 Member, President's Task Force for Campus Sustainability, York College of Pennsylvania  
 2021-2022 Member, GSB Student Showcase Task Force, York College of Pennsylvania  
 2020-2022 Digital Fellow, York College of Pennsylvania  
 2020-2021 Host, Department Open House, York College of Pennsylvania  
 2016-2018 President, OU Chinese Christian Fellowship, University of Oklahoma  
 2016-2017 Senator, OU Student Government Association, University of Oklahoma  
 2015-2016 Mentor, Graduate Student Mentoring Program, University of Oklahoma  
 2016 Volunteer, College of Arts and Sciences Research Celebration, University of Oklahoma

## OTHER INFORMATION

Skills: Machine Learning & Deep Learning.  
 Coding: Matlab, Stata, L<sup>A</sup>T<sub>E</sub>X, Python, R, Maple, Shell/Bash, SLURM.  
 Software: Gephi, MS Office.  
 Language: English (fluent), Chinese (native).  
 Professional Society: American Economic Association (2015-present), Transportation and Public Utilities Group (2018-2022), Industrial Organization Society (2018), Southern Economic Association (2017-2019, 2021-2023), Western Economic Association (2018, 2024).