

Stanford

Hau Lee

Carl and Marilyn Thoma Professor in the Graduate School of Business
Operations, Information & Technology

Bio

ACADEMIC APPOINTMENTS

- Professor, Operations, Information & Technology

HONORS AND AWARDS

- Honorary Doctorate, Erasmus University of Rotterdam (2008)
- Honorary Doctorate, Hong Kong University of Science and Technology (2006)
- Fellow, Manufacturing and Service Operations Society (2001)
- Fellow, INFORMS (2005)
- Fellow, Production and Operations Management Society (2005)
- Fellow, National Academy of Engineering (2010)

PROFESSIONAL EDUCATION

- BSocSc, Hong Kong University , Economics and Statistics (1974)
- MSC, London School of Economics , Operational Research (1975)
- PhD, Wharton School, University of Pennsylvania , Operations Research (1983)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Using value chains to accelerate and support innovations, entrepreneurship developments using value chains to create values in developing economies; global supply chain management with digital technologies

Teaching

COURSES

2021-22

- Global Operations: OIT 364 (Spr)

2020-21

- Global Operations: OIT 364 (Spr)

2019-20

- Global Operations: OIT 364 (Spr)
- Operations - Accelerated: OIT 271 (Spr)

2018-19

- Global Operations: OIT 364 (Spr)
- MSx: Operations and Strategies: OIT 269 (Win)

Publications

PUBLICATIONS

- **Big Data and the Innovation Cycle** *PRODUCTION AND OPERATIONS MANAGEMENT*
Lee, H. L.
2018; 27 (9): 1642–46
- **Benchmarking Global Production Sourcing Decisions: Where and Why Firms Offshore and Reshore** *M&SOM-MANUFACTURING & SERVICE OPERATIONS MANAGEMENT*
Cohen, M. A., Cui, S., Ernst, R., Huchzermeier, A., Kouvelis, P., Lee, H. L., Matsuo, H., Steuber, M., Tsay, A. A.
2018; 20 (3): 389–402
- **Socially and Environmentally Responsible Value Chain Innovations: New Operations Management Research Opportunities** *MANAGEMENT SCIENCE*
Lee, H. L., Tang, C. S.
2018; 64 (3): 983–96
- **Using Value Chains to Enhance Innovation** *PRODUCTION AND OPERATIONS MANAGEMENT*
Lee, H. L., Schmidt, G.
2017; 26 (4): 617–632
- **Incentive Alignment and Coordination of Project Supply Chains** *MANAGEMENT SCIENCE*
Chen, S., Lee, H.
2017; 63 (4): 1011–1025
- **Modeling and Measuring the Bullwhip Effect** *HANDBOOK OF INFORMATION EXCHANGE IN SUPPLY CHAIN MANAGEMENT*
Chen, L., Lee, H. L., Ha, A. Y., Tang, C. S.
2017; 5: 3–25
- **Supply Chain Coordination with Multiple Shipments: The Optimal Inventory Subsidizing Contracts** *OPERATIONS RESEARCH*
Chen, S., Lee, H., Moinszadeh, K.
2016; 64 (6): 1320–1337
- **Responsible Sourcing in Supply Chains** *MANAGEMENT SCIENCE*
Guo, R., Lee, H. L., Swinney, R.
2016; 62 (9): 2722–2744
- **Carrots or Sticks? Improving Social and Environmental Compliance at Suppliers Through Incentives and Penalties** *PRODUCTION AND OPERATIONS MANAGEMENT*
Porteous, A. H., Rammohan, S. V., Lee, H. L.
2015; 24 (9): 1402–1413
- **In situ surface cleaning on a Ge substrate using TMA and MgCp2 for HfO2-based gate oxides** *JOURNAL OF MATERIALS CHEMISTRY C*
Oh, I., Kim, K., Lee, Z., Song, J., Lee, C. W., Thompson, D., Lee, H., Kim, W., Maeng, W. J., Kim, H.
2015; 3 (19): 4852–4858
- **Using Fairness Models to Improve Equity in Health Delivery Fleet Management** *PRODUCTION AND OPERATIONS MANAGEMENT*
McCoy, J. H., Lee, H. L.
2014; 23 (6): 965–977
- **The Impact of Logistics Performance on Trade** *PRODUCTION AND OPERATIONS MANAGEMENT*
Hausman, W. H., Lee, H. L., Subramanian, U.
2013; 22 (2): 236–252
- **Bullwhip Effect Measurement and Its Implications** *OPERATIONS RESEARCH*
Chen, L., Lee, H. L.

2012; 60 (4): 771-784

- **A PROCESS ANALYSIS OF GLOBAL TRADE MANAGEMENT: AN INDUCTIVE APPROACH** *JOURNAL OF SUPPLY CHAIN MANAGEMENT*
Hausman, W. H., Lee, H. L., Napier, G. R., Thompson, A., Zheng, Y.
2010; 46 (2): 5-29