
Jian-yu (Fisher) Ke

Professor
Information Systems and Operations Management
College of Business Administration and Public Policy
California State University Dominguez Hills
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EDUCATION

Ph.D. University of Maryland, College Park, MD 2012
Dissertation: Transport Modal Selection and Inventory Levels in the Context of Global Supply Chains

WORK EXPERIENCE

Academic

Professor, California State University Dominguez Hills, 2024 to present
Associate Professor, California State University Dominguez Hills, 2019 to 2024
Assistant Professor, California State University Dominguez Hills, 2015 to 2019
Assistant Professor, University of Wisconsin-Eau Claire, 2012 to 2015
Instructor, University of Maryland College Park, 2011

Non-Academic

Research and Planning Manager, DHL 2002 - 2007
Sector Management Specialist, DHL 2000 - 2002

HONORS/GRANTS

2024-2026: \$799,930, Co-PI, "Impacts of Telecommuting and Remote Services on Transportation, Land Use, And Climate Change," Administrative Services Division, California Air Resource Board (CARB), and the Department of General Services, CA.
2023-2028: \$1,000,000, Co-PI, Scientific Leadership Award, "Securing the Future of Los Angeles: CSUDH Homeland Security Initiative," Department of Homeland Security, U.S.A.
2022-2023: \$74,986, Co-PI, California SB1 Research Grant, "Should state land in Southern California be allocated to warehousing goods or housing people? Analyzing transportation, climate, and unintended consequences of supply chain solutions", CSU Transportation Consortium, Mineta Transportation Institute, San José State University, CA

2021-2022: \$74,223, Co-PI, California SB1 Research Grant, “TELE-commuting during the COVID-19 pandemic and beyond: Unveiling state-wide patterns and trends of telecommuting in relation to transportation, employment, land use, and emissions in California”, CSU Transportation Consortium, Mineta Transportation Institute, San José State University, CA

2020-2021: \$69,488, PI, California SB1 Research Grant, “Achieving excellence for California’s freight system: Developing competitiveness and performance Metrics incorporating sustainability, resilience, and workforce development”, CSU Transportation Consortium, Mineta Transportation Institute, San José State University, CA

2020, 2022, 2023, 2024: \$6,486 each, Incentive RSCA Grants, California State University Dominguez Hills.

2013: 2011-2012 Distinguished Teaching Award, University of Maryland College Park.

PROFESSIONAL CERTIFICATIONS

Certificate of SAP ERPsim Certified Trainer, ERPsim Lab - HEC Montreal, 2024

Certificate of SAP ERPsim Level-2 Instructor, ERPsim Lab - HEC Montreal, 2024

Certificate of Effective Online Teaching Practices, The Association of College and University Educators (ACUE), 2023

Certificate of Independent Improving Your Online Course (IYOC), Quality Matters, 2017

Certificate of Online Teaching Program, University of Wisconsin MBA Consortium, 2014

Certificate of SAP ERP Simulation Level-1 Instructor, SAP University Alliances, Huntsville, Texas, 2013

Certificate in Supply Chain Management, Lehigh University, Bethlehem, PA 2008

Fellow of Advanced Study Program, Massachusetts Institute of Technology, Cambridge, MA 2007

TEACHING

Courses Taught at California State University Dominguez Hills (2015 – Present)

OMG 230 Introduction to Supply Chain Management, 2017 - 2024

OMG 321 Business Statistics, Fall 2015 – 2024

OMG 322 Operations Management, Summer 2016-2024

OMG 430 ERP and SCM Cases, Spring and Fall 2016 –2024

OMG 570 Supply Chain Design & Strategy, Fall 2017

OMG 575 Supply Chain Systems, Spring 2018

RESEARCH/SCHOLARLY ACTIVITY

Refereed Journal Articles

- Ke, J., Prager, F., & Martinez, J. (2023) Revisiting the competitive analysis framework, *Journal of Supply Chain and Operations Management*, 21(1), 1-23 (listed in Cabell's Whitelist Journals).
- Ke, J., Otto, J., & Han, C. (2022). Customer-country diversification and inventory efficiency: comparative evidence from the manufacturing sector during the pre-pandemic and the COVID-19 pandemic periods, *Journal of Business Research*, 148, 292-303 (2022-2023 Impact factor 10.969, listed as an "A" journal in ABDC journal quality list).
- Otto, J., Han, C., & Ke, J. (2022). Using graph theory to optimize career transitions, *Studies in Business and Economics*, 17(3), 162-174 (listed in Cabell's journal whitelist and as a "C" journal in ABDC journal quality list).
- Cho, W., Ke, J., & Han, C. (2019). An empirical examination of the impacts of bargaining power on supply chain performance - a resource dependence perspective, *Journal of Purchasing and Supply Management*, 25(4), 1-10 (2022-2023 Impact factor 7.202, listed as an "A" journal in ABDC journal quality list).
- Hu, N., Ke, J., Liu, L., & Zhang, Y. (2019). Risk pooling, supply chain hierarchy, and analysts' forecasts, *Production and Operations Management*, 28(2), 276-291 (listed in *Financial Times Top 50 Journals* and an "A1" journal based on the AACSB standards).
- Ke, J., Shabbir, T., & Corona, J. (2018). The impact of exchange rate volatility on the industry-level geographic diversification of global supply chain network, *International Journal of Logistics Economics and Globalisation*, 7(4), 366-387 (listed in Cabell's journal whitelist and as a "C" journal in ABDC journal quality list).
- Cho, W., Ke, J., Chu, E., & Han, C., (2018). An exploratory study of firms' bargaining power and cash liquidity performance during the financial crisis, *Journal of Supply Chain and Operations Management*, 16(1), 132-154 (listed in Cabell's Whitelist Journals).
- Cho, W., Ke, J., & Han, C. (2017). An empirical examination of the direct and indirect effects of geographic diversification on market and financial performances of multinational corporations, *International Journal of Physical Distribution & Logistics Management*, 47(6), 495-515 (2022-2023 Impact Factor 7.29 listed as an "A" journal in ABDC journal quality list).
- Su, S., & Ke, J. (2017). National logistics performance benchmarking: a process-based approach using World Bank logistics performance index database, *Journal of Supply Chain and Operations Management*, 15(1), 55-78 (listed in Cabell's Whitelist Journals)
- Ke, J., Windle, R. J., Han, C., & Britto, R. (2015). Aligning supply chain transportation strategy with industry characteristics – Evidence from the US-Asia supply chain, *International Journal of Physical Distribution & Logistics Management*, 45(9/10), 837-860 (2022-2023 Impact Factor 7.29 listed as an "A" journal in ABDC journal quality list).

Li, B., Nahm, A., Wyland, R., Ke, J., & Yan, W. (2015). Reassessing the role of Chinese workers in problem solving: A study of transformational leadership, trust, and security in 'lean' manufacturing, *Asia Pacific Business Review*, 21(4), 464-481 (2022-2023 Impact Factor 2.011, listed as a "B" journal in ABDC journal quality list).

Ke, J., Dresner, M., & Yao, Y. (2014). An empirical analysis of the impact of fuel costs on the level and distribution of manufacturing inventory in the U.S. *Transportation Journal*, 53 (1), 5-25 (2022-2023 Impact Factor 1.241, listed as a "B" journal in ABDC journal quality list).

Ke, J. & Windle, R. J. (2014). The ongoing Impact of the U.S.- China air services agreements on air passenger markets, *Transportation Journal*, 53 (3), 274-304 (2022-2023 Impact Factor 1.241, listed as a "B" journal in ABDC journal quality list).

Su, S., Ke, J., & Cui, L. (2014). Assessing the innovation competence of a third-party logistics service provider, *Journal of Management Policy and Practice*, 15 (4), 64-79 (listed in Cabell's journal whitelist).

Su, S., Ke, J., & Lim, P. (2011). The Development of Transportation and Logistics in Asia: An Overview. *Transportation Journal*, 50 (1), 124-136 (2022-2023 Impact Factor 1.241, listed as a "B" journal in ABDC journal quality list).

Chiang, M.H., & Ke, J. (1999). A Strategic Model of Customer Service for International Express Delivery Service in Taiwan. *Journal of Management & Systems*, 6 (3), 255-280. (TSSCI database)

Reports

Martinez, J., Prager, F., Brodmann, J., Ke, J., Garza, N., & Salari, M., (2023). 2023-2024 South Bay Economic Forecast & Industry Outlook, South Bay Economics Institute, California State University Dominguez Hills, available at <https://www.csudh.edu/Assets/csudh-sites/uce/docs/forecast/2023-report.pdf>.

Lu, T., Ke, J., Prager, F., Salari, M., & Vall, P., (2023). Should State Land in Southern California be Allocated to Warehousing Goods or Housing People? Analyzing Transportation, Climate, and Unintended Consequences of Supply Chain Solutions, CSU Transportation Consortium, Mineta Transportation Institute, San José State University, available at <https://transweb.sjsu.edu/research/2231-Supply-Chain-Resiliency-State-Land-Environmental-Justice>., DOI: 10.31979/mti.2023.2231.

Martinez, J., Prager, F., Brodmann, J., Ke, J., Garza, N., & Salari, M., (2022). 2022-2023 South Bay Economic Forecast & Industry Outlook, South Bay Economics Institute, California State University Dominguez Hills, available at https://www.csudh.edu/Assets/csudh-sites/uce/docs/forecast/22fa-CSUDH_South-Bay-Economic-Forecast-Report.pdf.

Lu, T., Ke, J., Prager, F., & Martinez, J. (2022) TELE-commuting during the COVID-19 Pandemic and Beyond: Unveiling State-wide Patterns and Trends of Telecommuting in Relation to Transportation, Employment, Land Use, and Emissions in California, Mineta Transportation Institute, San José State University, available at <https://transweb.sjsu.edu/research/2147-Telecommuting-COVID-19-Employment>, DOI: 10.31979/mti.2022.2147.

Martinez, J., Prager, F., Brodmann, J., Ke, J., Garza, N., & Salari, M., (2021). 2021-2022 South Bay Economic Forecast & Industry Outlook, South Bay Economics Institute, California State University Dominguez Hills, available at https://www.csudh.edu/Assets/csudh-sites/uce/docs/forecast/2021-CSUDH_South-Bay-Economic-Forecast-Report_final.pdf.

Ke, J., Prager, F., Martinez J. & Cagle, C. (2021). Achieving Excellence for California's Freight System: Developing Competitiveness and Performance Metrics Incorporating Sustainability, Resilience, and Workforce Development, Mineta Transportation Institute, San José State University, available at <https://transweb.sjsu.edu/research/2023-California-Freight-System>, DOI: 10.31979/mti.2021.2023.

Refereed Proceedings (Selected)

Ke, J., Otto, J., & Han, C. (2021). A Customer-Country Diversification Strategy in Global Supply Chains, The 33rd Annual CSUPOM Conference, online, April 9, 2021.

Su, S., & Ke, J. (2017). National Logistics Performance Benchmarking: A Process-based Approach Using World Bank Logistics Performance Index Database. The 29th Annual CSUPOM Conference, Pomona, CA, February 24-25, 2017.

Presentations of Refereed Papers (Selected)

Ke, J., & Cho, W. (2024). A Study on Exposed Risks, Transportation Modal Flexibility, and Operational Efficiency, The 55th Annual Meeting of Decision Sciences Institute, Phoenix, November 23-25, 2024.

Ke, J., O'Brien, D., & Cho, W. (2024). Supply Chain Resilience through Transportation Modal Flexibility, The POMS 34th Annual Conference, Minneapolis, April 26-29, 2024.

Ke, J., O'Brien, D., & Cho, W. (2024). Supply Chain Resilience through Transportation Modal Flexibility, The 36th Annual CSUPOM Conference, Pomona, March 9, 2024.

Ke, J., Prager, F., & Martinez, J. (2023). Revisiting the Competitive Analysis Framework, The 35th Annual CSUPOM Conference, Bakersfield, April 9, 2023.

Ke, J., Otto, J., & Han, C. (2022). Customer-Country Diversification and Inventory Efficiency, The POMS 32nd Annual Conference, online, April 21-25, 2022.

Ke, J., Otto, J., & Han, C. (2021). A Customer-Country Diversification Strategy in Global Supply Chains, The 33rd Annual CSUPOM Conference, online, April 9, 2021.

Ke, J., & Wan, X. (2019). Lowering Inventories in Global Supply Chain through the Customer-Country Diversification Strategy, The 50th Annual Meeting of Decision Sciences Institute, New Orleans, November 23-25, 2019.

Ke, J., Wan, X., & Leiva, O. (2018). Lowering Inventories in Global Supply Chain through the Customer-Country Diversification Strategy, The 49th Annual Meeting of Decision Sciences Institute, Chicago, November 17-19, 2018.

Ke, J., Shabbir, T., & Corona, J. (2017). Exchange rate volatility and global supply chain decisions, The 48th Annual Meeting of Decision Sciences Institute, Washington, D.C., November 18-20, 2017.

Ke., J., Cho, W., Chu, E., & Han, C. (2017). An empirical examination of the impact of bargaining power on cash conversion cycle, The 48th Annual Meeting of Decision Sciences Institute, Washington, D.C., November 18-20, 2017.

Su, S., & Ke, J. (2017). National logistics performance benchmarking: A process-based approach using World Bank logistics performance index database, The 29th Annual CSUPOM Conference, Pomona, CA, February 24-25, 2017.

SERVICES

Services to the University/College/Department

Committees

2023 Chair of Department RTP Committee, Information Systems & Operations Management Department

2021 Chair of Search Committee, Information Systems & Operations Management Department

2015-2024 Closing the Loop (CTL) Committee, CBAPP

2016-2018 University Curriculum Committee (UCC)

2016 Search Committee for the Director of Toro Learning Center (TLC)

Mentoring Students

2023-2024 Dwanjai Oprien was recognized as a McNair Scholar and 2024-2025 Sally Cassanova Scholars, received Dwight David Eisenhower Transportation Fellowship Award, and awarded the third place at the 2024 CSUDH Student Research Conference.

2022-2023 Kenneth Perez participated in the California SB1 research project, was recognized as a McNair Scholar, received Dwight David Eisenhower Transportation Fellowship Award, and presented at the 2023 CSUDH Student Research Day and 2023 Transportation Research Board Annual Meeting

2021-2022 Jason Kryske participated California SB1 research project

2020-2021 Levicent Mira & Alejandro Soberanes participated California SB1 research project and received the 2021 Dwight David Eisenhower Transportation Fellowship Award

2018 Oscar Leiva presented at the 2108 CSUDH Student Research Day

2017 Jasmin Corona presented at the 2017 CSUDH Student Research Day and co-authored a paper published by the *International Journal of Logistics Economics and Globalisation*,

Master Thesis Committee

2023 Lindsey M. London, Master of Systems Engineering program, Chaired by Dr. Rochelle Cook, Department of Systems Engineering, CSUDH.

2022-2023 Rose DeChant, Master of Systems Engineering program, Chaired by Dr. Antonia Boadi, Department of Physics, CSUDH.

Student Club

2015-2024 Advisor of the CSUDH Logistics and Supply Chain Management Club (LSCMC)

Other Services

2016-2020 Judge of the poster session on CSUDH Student Research Day

2017-2024 Course coordinator for OMG 321 Business Statistics

2015-2017 Leading the curriculum revision of Global Logistics/Supply Chain Management (GL/SCM) concentration, IS&OM Department, CBAPP

Academic Journal: Article / Manuscript Review

Production and Operations Management, An ad hoc paper reviewer and reviewed 1 paper in 2021.

PLOS ONE, A regular paper reviewer and reviewed papers in 2019 and 2021.

International Journal of Physical Distribution & Logistics Management: A regular paper reviewer and reviewed papers during 2013-2019.

Decision Sciences Journal: An ad hoc paper reviewer and reviewed 1 paper in 2016 and 2018 each.

Transport Policy. A regular paper reviewer and reviewed 1 paper in 2015.

Transportation Journal. A regular paper reviewer and reviewed 1 paper in 2015 – 2020 each.

Air Transport Research Society Special Issues. Reviewed 2 papers submitted for the consideration of ATRS special issues in 2013.

Book / Textbook Review

2014-2016: *Operations Management: A Supply Chain Management Approach* by Joel D. Wisner. Reviewed 5 chapters for SAGE Publications.

Other Professional Service Activities

2022: Speaker, Center for Supply Chain Management, National Chengchi University, Taipei, Taiwan, August 22.

2022: Speaker, Commercial Ports Luncheon, Harbor Association of Industry and Commerce, CSUDH, April 26.

2019: Panelist, New Faculty Development Consortium, 50th Annual Conference of the Decision Sciences Institute, New Orleans, November 23 - 25.

2014: Speaker, Jinan University Guangzhou Campus, Guangzhou, China. Presented the research entitled “Strategic Transport Modal Selection – Evidence from the US-China Supply Chain” to the faculty and students of the Department of Economics and International School, May 30, 2014.

2014: Speaker, Sun Yat-sen University, Guangzhou, China. Presented the research entitled “Strategic Transport Modal Selection – Evidence from the US-China Supply Chain” to the faculty of Lingnan (University) College, May 29, 2014.

2012: Speaker, DHL Taiwan, Taipei, Taiwan. Presented the research entitled “Transport Modal Selection and Inventory Levels in the Context of Global Supply

Chains” at DHL Country Office in Taiwan and discussed findings with practitioners. Attendees include senior managers and sales managers.