

**Grace Ke**  
Ke.Ke@cwu.edu

**Education**

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| 2004 | Ph.D., Business Administration with concentration in Management Science and a minor in Finance, University of Massachusetts, Amherst, Massachusetts |
| 2000 | M.Mgt, Technical Economics, Tianjin University, Tianjin, China  |
| 1997 | B.E., Systems Engineering, Tianjin University, Tianjin, China   |

**Professional Licensures & Certifications**

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| 2003 | CFA - Level 1 |
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**Professional Experience**

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| 2022 – Ongoing | Professor of Supply Chain Management, Department of Finance & Supply Chain Management, Central Washington University, Des Moines, Washington           |
| 2012 - 2022    | Associate Professor of Supply Chain Management, Department of Finance & Supply Chain Management, Central Washington University, Des Moines, Washington |
| 2008 - 2012    | Assistant Professor of Supply Chain Management, Department of Finance & Supply Chain Management, Central Washington University, Des Moines, Washington |
| 2004 - 2008    | Assistant Professor of Management, University of Arkansas, Monticello, Arkansas  |
| 2000 - 2004    | Teaching and Research Assistant, Department of Finance & Operations Management, University of Massachusetts, Amherst, Massachusetts                    |

**Teaching**

Supply Chain Management, Logistics and Transportation, Advanced Topics in Operations Management, Global Supply Chain Management, Business Statistics, Management Information Systems.

**Teaching: Other Instructional Activities/Accomplishments/Innovations**

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| Jun 2018 - Present | Completion of the 2018 Online Teaching Institute |
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## Scholarly Contributions and Creative Productions

### Journal Publication

1. Chen, Y., Xie, H., Liao, K., & Ke, G. (2026). Does artificial intelligence promote the synergistic construction of low-carbon cities and smart cities? *International Journal of Technology, Policy and Management*, in press.
2. Li, D., Cruz, J. M., & Ke, K. (2025). Closed-loop supply chain network model with recycling, re-manufacturing, refurbishing, and corporate social responsibility. *Annals of Operations Research*, 345(1), 247-275.
3. Fu, R., Qiang, Q. (Patrick), Ke, K. (Grace), & Huang, Z. (2021). Closed-loop supply chain network with interaction of forward and reverse logistics. *Sustainable Production and Consumption*, 27, 737-757.
4. Feng, A., Gao, Z., Song, X., Ke, K., Xu, T., & Zhang, X. (2020). Modeling multi-targets sentiment classification via graph convolutional networks and auxiliary relation. *Computers, Materials & Continua*, 64, 909-923.
5. Liao, K., Ke, K., & Wang, Y. (2018). A framework of analysing virtual transfer pricing mechanisms in global supply chain. *International Journal of Technology, Policy and Management*, 18(3), 222-233.
6. Joo, S. J., Stoeberl, P. A., Liao, K., & Ke, K. (2017). Measuring the comparative performance of branches of a credit union for internal benchmarking. *Benchmarking: An International Journal*, 24(6), 1663-1674.
7. Qiang, Q., Huang, Z., Ke, K., & Yang, Y. X. (2014). Overview of supply chain risk management and the current issues of closed-loop supply chain in China. *International Journal of Business Continuity and Risk Management*, 5(3), 236-243.
8. Qiang, Q., Ke, K., & Hu, Y. (2013). Financial networks with socially responsible investing. *Computational Management Science*, 10, 231-252.
9. Qiang, Q., Ke, K., Anderson, T., & Dong, J. (2013). The closed-loop supply chain network with competition, distribution channel investment, and uncertainties. *Omega*, 41(2), 186-194.
10. Zhang, H., Ke, K., Li, W., & Wang, X. (2010). Graphical models based hierarchical probabilistic community discovery in large-scale social networks. *International Journal of Data Mining, Modelling and Management*, 2(2), 95-116.
11. Nagurney, A., & Ke, K. (2006). Financial networks with intermediation: risk management with variable weights. *European Journal of Operational Research*, 172(1), 40-63.
12. Alves, J. C., Lovelace, K. J., Manz, C. C., Matsypura, D., Toyasaki, F., & Ke, K. (2006). A cross-cultural perspective of self-leadership. *Journal of Managerial Psychology*, 21(4), 338-359.
13. Nagurney, A., & Ke, K. (2003). Financial networks with electronic transactions: modelling, analysis and computations. *Quantitative Finance*, 3(2), 71.
14. Nagurney, A., Ke, K., Cruz, J., Hancock, K., & Southworth, F. (2002). Dynamics of supply chains: A multilevel (logistical-informational-financial) network perspective. *Environment and Planning B: Planning and Design*, 29(6), 795-818.
15. Nagurney, A., & Ke, K. (2001). Financial networks with intermediation. *Quantitative Finance*, 1(4), 441.

## **Presentation**

1. Closed-loop supply chain network with interaction of forward and reverse logistics including design for remanufactureability. 2025 POMS Annual Conference. Production and Operations Management Society.
2. *Closed-loop supply chain network optimization model with corporate social responsibility. 2023 POMS International Conference.* Paris, France.
3. The Closed-loop Supply Chain Network with Risk Management and Corporate Social Responsibility, WDSI 2017 Annual Meeting, Vancouver CA, April 4-8, 2017.
4. Global Financial Networks with Socially Responsible Investing, WDSI 2016 Annual Meeting, Las Vegas, April 5-9, 2016.
5. International Financial Networks with Socially Responsible Investing, INFORMS 2014 Annual Meeting, San Francisco, CA, November 9-12, 2014.

## **Committees - University/College/Department**

Sep 2025—Jun 2028	CWU Student Technology Fee Council
Sep 2025 – Jun 2026	CB Student Professional Committee (Chair)
Sep 2024—Jun 2027 Sep 2017 – Jun 2019	Department Personnel Committee (Fin&SCM) (Chair)
Sep 2023 – Jun 2024	Department Personnel Committee, (Management)
Sep 2022 – Jun 2024 Sep 2025 – Jun 2027	Department Personnel Committee, (Economics Department)
Sep 2021 - Jun 2022	CB Faculty Professional Development Committee Chair
Sep 2024 – Jun 2025	Organize Research Seminar (Finance and Supply Chain Management)
Sep 2020 – Jun 2024	CB Curriculum Committee
Mar 2019 – Jun 2022	Minority Employees Council
Mar 2019 – Jun 2022	MEC (ECEC) Welcoming Committee
Sep 2018 - Jun 2021	Faculty Senate
Sep 2018 - Sep 2020	University Inclusivity and Diversity Committee
Sep 2018 – Present	review SCM learning goals for the BSBA Program, (Finance and Supply Chain Management)
Dec 2018 – Jun 2025	CB Diversity Committee
Sep 2017 – Jun 2023	CB Faculty Professional Development Committee
Sep 2017—Jun 2023	Department Personnel Committee (Fin&SCM Member)
Sep 2008 - Sep 2020	Scholarship Committee
Sep 2016 – Jun 2017	Organize Research Seminar (College of Business)

## **Service: Other University/Professional/Public**

Sep 2018 – Present	Reviewer, Sustainability
Sep 2016 – Present	Reviewer, Management Research Review

Mar 2016 – Present	ad-hoc reviewer, Operational Research
Dec 2016 – Present	Reviewer, Omega
Sep 2015 – Present	ad-hoc reviewer, Western Decision Science Institute
Mar 2015 – Present	ad-hoc reviewer, International Journal of Information Technology & Decision Making
Sep 2014 – Present	ad-hoc Reviewer, Journal of Business Logistics Course Review [Service Title: Other Professional Service Activities]
Dec 2014 - Present	Reviewer: Article/Manuscript, European Journal of Operational Research (EJOR)
Sep 2012 - Present	Reviewer, Annals of Operations Research
Sep 2009 - Present	ad-hoc reviewer , International Transactions in Operational Research (ITOR) Reviewer: Ad Hoc Reviewer for a Journal, Computational Management Science

### **Membership**

2009 - Ongoing	Institute for Supply Management (ISM)
2007 - 2010	Institute of Electrical and Electronics Engineers, 2010
2007 - 2009	Mathematical Association of America, 2009
2003 - 2005	Association for Investment Management and Research, 2005
2001 - Ongoing	Institute for Operations Research and Management Sciences (INFORMS)

### **Other: Honors and Awards**

Sep 2020 - Sep 2021	College of Business, 2021 CB Excellence in Professional Service Award, awarded as Diversity Committee member
Dec 2013	Omega (A* Journal in ABDC List), one of the Most cited articles
Nov 2010	The Distinguished Paper in Accounting and Finance at the 41st Annual Conference of the Decision Sciences Institute in November in San Diego