

University of Hawaii at Manoa
Junwook Chi, Ph.D.

Professional Preparation

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| North Dakota State University (Transportation & Logistics) | Ph.D., 05/2008 |
| University of Guelph, Canada (Agricultural Economics & Business) | M.Sc., 12/2001 |
| Konkuk University, South Korea (Forest Resources) | B.Sc., 02/1998 |

Professional Appointments

Shidler College of Business

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| Associate Professor, School of Travel Industry Management | 08/2017 – Present |
| Assistant Professor, School of Travel Industry Management | 08/2012 – 07/2017 |

Marshall University

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| Director of Transportation Economics/Transportation Economist, Center for Business and Economic Research | 07/2008 – 06/2012 |
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North Dakota State University

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| Research Associate, Upper Great Plains Transportation Institute | 03/2002 – 08/2005 |
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Professional Association

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| Member of Skål International Hawaii | 05/2015 – Present |
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| Friend Member of Committees of Freight Transportation Data, Freight Transportation Economics and Regulation, Freight Transportation Planning and Logistics, Social and Economic Factors of Transportation, and Transportation Economics, Transportation Research Board (TRB) | 01/2014 – Present |
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| Friend Member of Committees of Aviation Economics and Forecasting, International Trade and Transportation, and Transportation Demand Forecasting, Transportation Research Board (TRB) | 01/2015 – Present |
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| Member of National Defense Transportation Association (NDTA) | 11/2012 – Present |
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| Member of Western Economic Association International | 01/2012 – Present |
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| Member of American Economic Association | 10/2010 – Present |
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| Formal Member of Transportation and Economic Development (TED) Committee, Transportation Research Board (TRB) | 07/2009 – 03/2015 |
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| Member of Transportation Research Forum (Guest member of Aviation Transportation and International Transportation Chapters since September 2013) | 01/2009 – Present |
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Special Awards, Fellowships and Honors

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| TIM Excellence in Teaching Award, School of Travel Industry Management | 04/2019 |
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| TIM Excellence in Teaching Award, School of Travel Industry Management | 04/2017 |
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| Best Paper Candidate, Asia Pacific Tourism Association Conference, Seoul, Korea | 06/2017 |
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| Best Paper Award, 2 nd Global Tourism and Hospitality Conference, Hong Kong | 05/2016 |
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| Best Paper Award, Academy of Global Hospitality & Tourism Conference, Seoul, Korea | 05/2016 |
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| Best Graduate Paper Award, Transportation Research Forum, Fort Worth, Texas | 03/2008 |
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| Master's Thesis Award, Canadian Agricultural Economics Society, Calgary, Canada | 05/2002 |
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Courses Taught

| Course # | Course Title | Enrolled | Term |
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| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 16 | Spring 2025 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 15 | Spring 2025 |
| TIM 350 | Introduction to Tourism Transportation | 10 | Fall 2024 |
| TIM 353 | Air Transportation Management | 9 | Fall 2024 |
| TIM 350 | Introduction to Tourism Transportation | 15 | Spring 2024 |
| TIM 353 | Air Transportation Management | 13 | Spring 2024 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 12 | Spring 2024 |
| TIM 350 | Introduction to Tourism Transportation | 9 | Fall 2023 |
| TIM 350 | Introduction to Tourism Transportation | 14 | Summer 2023 |
| TIM 353 | Air Transportation Management | 18 | Spring 2023 |
| TIM 350 | Introduction to Tourism Transportation | 15 | Spring 2023 |
| TIM 606 | Managerial Economics in Hospitality, Tourism, Transportation | 10 | Fall 2022 |
| TIM 350 | Introduction to Tourism Transportation | 24 | Fall 2022 |
| TIM 353 | Air Transportation Management | 18 | Spring 2022 |
| TIM 350 | Introduction to Tourism Transportation | 16 | Spring 2022 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 15 | Fall 2021 |
| TIM 350 | Introduction to Tourism Transportation | 30 | Fall 2021 |
| TIM 353 | Air Transportation Management | 18 | Spring 2021 |
| TIM 350 | Introduction to Tourism Transportation | 24 | Spring 2021 |
| TIM 606 | Transportation Economics and Management | 7 | Fall 2020 |
| TIM 350 | Introduction to Tourism Transportation | 31 | Fall 2020 |
| TIM 606 | Transportation Economics and Management | 4 | Fall 2019 |
| TIM 350 | Introduction to Tourism Transportation | 19 | Fall 2019 |
| TIM 353 | Air Transportation Management | 6 | Summer 2019 |
| TIM 353 | Air Transportation Management | 16 | Spring 2019 |
| TIM 350 | Introduction to Tourism Transportation | 20 | Spring 2019 |
| TIM 606 | Transportation Economics and Management | 7 | Fall 2018 |
| TIM 350 | Introduction to Tourism Transportation | 26 | Fall 2018 |
| TIM 353 | Air Transportation Management | 10 | Summer 2018 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 22 | Spring 2018 |
| TIM 350 | Introduction to Tourism Transportation | 30 | Spring 2018 |
| TIM 606 | Transportation Economics and Management | 3 | Fall 2017 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 18 | Fall 2017 |
| TIM 350 | Introduction to Tourism Transportation | 14 | Fall 2017 |
| TIM 353 | Air Transportation Management | 12 | Summer 2017 |
| TIM 350 | Introduction to Tourism Transportation | 12 | Summer 2017 |
| TIM 353 | Air Transportation Management | 17 | Spring 2017 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 18 | Spring 2017 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 22 | Fall 2016 |
| TIM 350 | Introduction to Tourism Transportation | 18 | Fall 2016 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 20 | Spring 2016 |
| TIM 353 | Air Transportation Management | 30 | Spring 2016 |
| TIM 606 | Transportation Economics and Management | 4 | Fall 2015 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 14 | Fall 2015 |
| TIM 353 | Strategic Management for the Travel/Hospitality Industry | 22 | Spring 2015 |
| TIM 431 | Air Transportation Management | 16 | Spring 2015 |
| TIM 606 | Transportation Economics and Management | 9 | Fall 2014 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 23 | Fall 2014 |

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| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 19 | Spring 2014 |
| TIM 353 | Air Transportation Management | 30 | Spring 2014 |
| TIM 606 | Transportation Economics and Management | 2 | Fall 2013 |
| TIM 431 | Strategic Management for the Travel/Hospitality Industry | 22 | Fall 2013 |
| TIM 353 | Air Transportation Management | 15 | Spring 2013 |
| TIM 350 | Introduction to Tourism Transportation | 28 | Spring 2013 |
| TIM 606 | Transportation Economics and Management | 5 | Fall 2012 |
| TIM 350 | Introduction to Tourism Transportation | 34 | Fall 2012 |

Publications

Journal Publications

1. Chi, J. (2025). Impacts of electric vehicles and environmental policy stringency on transport CO2 emissions. *Case Studies on Transport Policy*, 19, 101330.
2. Chi, J. (2024). Exploring the drivers of ecological footprint: Impacts of road transportation infrastructure, transport tax, and environment technologies. *International Journal of Sustainable Transportation*, 18(11), 920-934
3. Chi, J. (2024). Asymmetric effects of economic policy uncertainty and exchange rates on international air travel demand: The case from Hong Kong. *Journal of Air Transport Management*, 114, 102503.
4. Chi, J. (2023). Tourism development and income inequality in OECD countries: New insights from method of moments quantile regression. *Tourism Economics*, 13548166231184796.
5. Chi, J. (2023). Explaining US travel behavior with perceived threat of pandemic, consumer sentiment, and economic policy uncertainty. *Transport Policy*, 137:90-99.
6. Chi, J. (2022). Asymmetric own- and cross-price effects: The case of US outbound tourism demand. *Current Issues in Tourism*, 25(15), 2479-2499.
7. Chi, J. (2022). Asymmetric gasoline price effects on public transit ridership: Evidence from US cities. *Transportation Research Record*, 03611981211069065.
8. Bae, W., & Chi, J. (2021). Content analysis of passengers' perceptions of airport service quality: The case of Honolulu International Airport. *Journal of Risk Financial Management*, 15(1), 5.
9. Chi, J. (2021). Is there complementarity or substitutability among Hawaiian islands? Evidence from the autoregressive distributed lag approach. *Current Issues in Tourism*, 24(14), 2013-2027.
10. Chi, J. (2021). Revisiting the tourism-inequality nexus: Evidence from a panel of developed and developing economies. *Current Issues in Tourism*, 24(6), 755-767.
11. Chi, J. (2020). Asymmetric exchange rate effects on cross-border freight flows between the United States and Canada. *Transportation Research Record*, 2674(4), 348-361.
12. Chi, J. (2020). The impact of third-country exchange rate risk on international air travel flows: The case of Korean outbound tourism demand. *Transport Policy*, 89, 66-78.
13. Chi, J. (2020). Asymmetric tourism demand responses to exchange rate fluctuations in South Korea. *Tourism Analysis*, 25(1), 63-75.
14. Chi, J. (2018). Imperfect reversibility of fuel demand for road transport: Asymmetric and hysteretic effects of income and price changes in Korea. *Transport Policy*, 71, 116-125.
15. Chi, J. (2018). Asymmetric effects of exchange rate and income changes on maritime freight flows between Japan and the US. *Transport Policy*, 69, 158-169.

16. Chi, J., & Baek, J. (2016). Modeling the transport infrastructure-growth nexus in the United States. *Journal of Transportation Research Forum*, 55(3), 23-40.
17. Chi, J. (2016). Exchange rate and transport cost sensitivities of bilateral freight flows between US and China. *Transportation Research Part A: Policy and Practice*, 89, 1-13.
18. Chi, J. (2016). Long- and short-run asymmetric responses of motor-vehicle travel to fuel price variations: New evidence from a nonlinear ARDL approach. *Transport Policy*, 50, 126-134.
19. Chi, J., & Cheng, S. K., (2016). Do exchange rate volatility and income affect Australia's maritime export flows to Asia?. *Transport Policy*, 47, 13-21.
20. Chi, J. (2016). Employment and wage sensitivity to tourism activities: The case of U.S. tourist arrivals and expenditures in Hawaii. *Tourism Economics*, 22(1): 171-178.
21. Chi, J. (2015). Transport infrastructure and macroeconomic performance in European countries: Dynamic panel data approach. *Transportation Research Record*, 2530, 84-92.
22. Chi, J. (2015). Dynamic impacts of income and the exchange rate on US tourism, 1960-2011. *Tourism Economics*, 21(5), 1047-1060.
23. Chi, J., & Baek, J. (2015). Identifying the policy implications of barge shipments of grains on the US inland waterway system: the case of corn movements on the Mississippi waterway. *Maritime Policy & Management*, 42(3): 293-303.
24. Chi, J. (2014). Income and exchange rate sensitivities of cross-border freight flows: Evidence from US-Canada exports and imports by truck, rail, air, and pipeline. *Journal of Transportation Research Forum*, 53(2), 59-71.
25. Chi, J. (2014). A cointegration analysis of bilateral air travel flows: The case of international travel to and from the United States. *Journal of Air Transport Management*, 39, 41-47.
26. Chi, J., & Baek, J. (2013). Dynamic relationship between air transport demand and economic growth in the United States: A new look. *Transport Policy*, 29, 257-260.
27. Lim, S. H., & Chi, J. (2013). Are cell phone laws in the US effective in reducing fatal crashes involving young drivers?. *Transport Policy*, 27, 158-163.
28. Lim, S. H., & Chi, J. (2013). Cell phone bans and fatal motor vehicle crash rates in the US. *Journal of Public Health Policy*, 34, 197-212.
29. Chi, J., & Baek, J. (2012). A dynamic demand analysis of the United States air-passenger service. *Transportation Research Part E: Logistic and Transportation Review*, 48(4), 755-761.
30. Chi, J., & Baek, J. (2012). Price and income elasticities of demand for air transportation: empirical evidence from U.S. air freight industry," *Journal of Air Transport Management*, 20, 18-19.
31. Chi, J., & Baek, J. (2011). Demand analysis for coal on the United States inland waterway system: Fully Modified Cointegration (FM-OLS) Approach. *Journal of Transportation Research Forum*, 50(1), 89-99.
32. Chi, J., Koo, W., & Lim, S. H. (2010). Demand analysis for air-passenger service in U.S. city-pair markets. *Journal of Transportation Research Forum*, 49(1), 81-93.
33. Chi, J., Koo, W., & Lim, S. H. (2009). Price dispersion in the U.S. airline industry. *Journal of Transportation Research Forum*, 48(3), 39-58.
34. Chi, J., & Koo, W. (2009). Carriers' pricing behaviors in the U.S. airline industry. *Transportation Research Part E: Logistic and Transportation Review*, 45, 710-724.
35. Bitzan, J., & Chi, J. (2006). Higher airfares to small and medium sized communities – Costly service or market power?. *Journal of Transport Economics and Policy*, 40(3), 473-501.

36. Chi, J., Weersink, A., Vanleeuwen, J. A., & Keefe, G. P. (2002). The economics of controlling infectious diseases on dairy farms. *Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie*, 50(3), 237-256.
37. Chi, J., VanLeeuwen, J. A., Weersink, A., & Keefe, G. P. (2002). Direct production losses and treatment costs from bovine viral diarrhoea virus, bovine leukosis virus, Mycobacterium avium subspecies paratuberculosis, and Neospora caninum. *Preventive Veterinary Medicine*, 55(2), 137-153.
38. Chi, J., VanLeeuwen, J. A., Weersink, A., & Keefe, G. P. (2002). Management factors related to seroprevalences to bovine viral-diarrhoea virus, bovine-leukosis virus, Mycobacterium avium subspecies paratuberculosis, and Neospora caninum in dairy herds in the Canadian Maritimes. *Preventive Veterinary Medicine*, 55(1), 57-68.

Completed Research Support

Completed Research Projects as a Principal Investigator (PI)

1. Report entitled "Potential economic benefits of public private partnerships on reclaimed mine sites in the construction of the I-73/74 NHS corridor (King Coal Highway)," *Nick J. Rahall, II Appalachian Transportation Institute*. The project was funded by *West Virginia Department of Transportation* (\$150,000) (February 2012).
2. Report entitled "Comprehensive transportation rate data for Huntington district corps of engineers," *Nick J. Rahall, II Appalachian Transportation Institute*. The project was funded by *United States Army Corps of Engineers* (\$50,000) (February 2012).
3. Report entitled "Estimating short term lock traffic forecasts for Ohio River System (ORS) navigation lock and dam projects," *Nick J. Rahall, II Appalachian Transportation Institute*. The project was funded by *United States Army Corps of Engineers* (\$75,000) (February 2010).
4. Report entitled "2009 West Virginia state high-speed and intercity passenger rail plan," *Nick J. Rahall, II Appalachian Transportation Institute*. The project was funded by *West Virginia Department of Transportation* (\$50,000) (December 2009).
5. Report entitled "Creation of West Virginia parkways authority by the WVDOT: 2009 traffic and toll revenue forecasts," *Nick J. Rahall, II Appalachian Transportation Institute*. The report was submitted to *West Virginia Department of Transportation* (unfunded project) (April 2009).

Completed Research Projects as a Research Associate/Assistant

1. Report entitled "North Dakota strategic freight analysis," *Upper Great Plains Transportation Institute*. The report was submitted to *North Dakota Department of Transportation* (July 2007).
2. Report entitled "Transportation in America, a statistical analysis of transportation in the United States: 20th edition," *Upper Great Plains Transportation Institute*. The report was submitted to *Eno Transportation Foundation* (May 2007).
3. Report entitled "Airfares to small and medium sized communities, 2003-04," *Upper Great Plains Transportation Institute*. The report was submitted to *United States Department of Transportation* (Grant #: DTS59-02-G-00007) (March 2004).
4. Report entitled "Dakota strategic freight analysis: The role of intermodal container transportation in North Dakota," *Upper Great Plains Transportation Institute*. The report was submitted to *North Dakota Department of Transportation* (November 2002).

Research Proposal as a Co-PI:

1. Research proposal entitled “An analysis of regional economic impacts of transport infrastructure investments in South Korea (교통시설투자의 지역적 파급효과 분석). The proposal was submitted to *Korea Development Institute* (February 2020).
2. Research proposal entitled “A proposal to conduct a study of vacation rentals’ impact to Hawaii,” *School of Travel Industry Management, UH Mānoa*. The proposal was submitted to *Hawai`i Tourism Authority* (March 2016).

Presentations/Conferences

Conference Proceedings

1. Chi, J. (2024). Understanding the tourism-environment nexus: New insights from an instrumental variable quantile regression analysis. *Asia-Pacific CHRIE Conference*, Seoul, May 26.
2. Chi, J. (2024). Ecological Effects of Road Transportation Infrastructure, Transport Tax, and Environment-Related Technologies. *Western Economic Association 99th Annual Conference*, Seattle, June 27.
3. Chi, J. (2023). Analyzing Economic Policy Uncertainty and Exchange Rate Asymmetries in Tourism Demand for Hong Kong. *Western Economic Association 98th Annual Conference*, San Diego, July 1.
4. Chi, J. (2023). The effects of economic policy uncertainty, inflation, and oil prices on US airline stock market. *26th Air Transport Research Society World Conference*, Kobe, July 1.
5. Chi, J. (2022). The impacts of policy uncertainty, COVID-19, and oil price shocks on US air travel demand. *25th Air Transport Research Society World Conference*, Antwerp, August 27.
6. Chi, J. (2022). Asymmetric nexus between economic policy uncertainty, exchange rates, and international tourism demand: Evidence from Hong Kong. *Western Economic Association 97th Annual Conference*, Portland, June 30.
7. Chi, J. (2021). Reassessing the tourism-induced Environmental Kuznets Curve. *Western Economic Association Virtual 95th Annual Conference*, June 30.
8. Chi, J. (2021). Testing Kuznets curve hypothesis between tourism and income inequality: A comparative analysis of high, middle, and low income countries. *Conference on Managing Tourism Across Continents (MTCO’21)*, April 3.
9. Chi, J. (2021). Estimation of own-and cross-price elasticities of tourism demand for Hawaiian Islands. *Western Economic Association Virtual International Conference*, March 17.
10. Orr, S. & Chi, J. (2020). The Dynamic Effects of Airfare and Hotel Rates on Tourism Demand for the Hawaiian Islands. *The 25th Annual Graduate Education and Graduate Student Research Conference in Hospitality and Tourism*, Las Vegas, NV, January 5.
11. Chi, J. (2019). Revisiting the tourism-inequality nexus: Evidence from a panel of developed and developing economies. *Annual Applied Business and Entrepreneurship Association International (ABEAI) Meeting*, Kauai, Hawaii, November 18.
12. Chi, J. (2019). Asymmetric effects of exchange rate changes on cross-border trade: Evidence from Canada-US bilateral freight flows by transport mode. *54th Annual Canadian Transportation Research Forum*, Vancouver, Canada, May 27.
13. Chi, J. (2019). The effects of gasoline price fluctuations on urban public transit ridership: New evidence from an ARDL approach. *60th Annual Transportation Research Forum*, Washington D.C., May 2.

14. Chi, J. (2018). The nonlinear effects of gasoline price changes on transit ridership in major US cities. *Annual Applied Business and Entrepreneurship Association International (ABEAI) Meeting*, Kona, Hawaii, November 15.
15. Chi, J. (2018). The impact of third-country exchange rate risk on air-passenger flows: The case of Korean outbound tourism demand. *Air Transport Research Society (ATRS) World Conference*, Seoul, South Korea, July 4.
16. Chi, J. (2017). Imperfect reversibility of fuel demand for road transport: The case of South Korea. *Annual Applied Business and Entrepreneurship Association International (ABEAI) Meeting*, Maui, Hawaii, November 16.
17. Chi, J. (2017). Asymmetric effects of exchange rate and income changes on maritime trade flows between Japan and the US. *Annual Conference of the International Association of Maritime Economists*, Kyoto, Japan, June 28.
18. Chi, J. (2017). Asymmetric tourist response to exchange rate uncertainty: New evidence from inbound tourist flows in South Korea. *Asia Pacific Tourism Association Conference*, Busan, South Korea, June 19.
19. Chi, J. (2016). Estimating the asymmetric elasticities of motor gasoline demand with respect to income and price changes in US states. *Annual Applied Business and Entrepreneurship Association International (ABEAI) Meeting*, Las Vegas, NV, November 9-11.
20. Chi, J. (2016). Long- and short-run asymmetric responses of motor-vehicle travel to fuel price variations: New evidence from a nonlinear ARDL approach. *Academy of Global Hospitality & Tourism Conference*, Seoul, South Korea, May 21.
21. Chi, J. (2016). Exchange rate nonlinearity in the US inbound tourism demand from the UK, Germany, France, Italy, and Spain: New evidence from partial decomposition models. *Academy of Global Hospitality & Tourism Conference*, Seoul, South Korea, May 21.
22. Chi, J. (2016). Asymmetric tourist responses to own- and cross-price changes: Evidence from US tourism demand for the UK, France, and Italy. *Hong Kong 2016: 2nd Global Tourism & Hospitality Conference*, Hong Kong, May 16.
23. Chi, J., & Cheng, S.K. (2016). Do exchange rate volatility and income affect Australia's maritime export flows to Asia? *Proceedings of Transportation Research Board 95th Annual Meeting* (Session 456, Paper Number: 16-4257), Washington D.C. January 10-14.
24. Chi, J. (2015). Exchange rate and transport cost sensitivities of bilateral trade between the US and China tourism balance of trade. *Western Economic Association International Conference*, Honolulu, HI, July 1.
25. Chi, J. (2015). Income and exchange rate dynamics of the US tourism balance of trade. *Western Economic Association International Conference*, Honolulu, HI, June 28.
26. Chi, J. (2015). Dynamic relationships among transport infrastructure investment, non-transport public infrastructure, and economic growth in the United States: A new look. *56th Annual Transportation Research Forum Conference*, Atlanta, GA, March 13.
27. Liu, D., & Chi, J. (2015). Implications of globalization and airline alliances on tourism demand and airline profitability: Case of Mainland Chinese outbound tourism to the U.S.. *Proceedings of 20th Annual Graduate Education and Graduate Student Research Conference in Hospitality and Tourism* (264), Tampa, FL, January 8-10.
28. Chi, J. (2015). Transport infrastructure and macroeconomic performance in European countries: Dynamic panel data approach. *Proceedings of Transportation Research Board 94th Annual Meeting* (Session 244, Paper Number: 15-4653), Washington D.C. January 11-15.

29. Chi, J. (2014). A dynamic analysis of bilateral international air travel flows. *55th Annual Transportation Research Forum Conference*, San Jose, CA, March 15.
30. Chi, J. (2014). Assessing long-run determinants of cross-border freight flows between the United States and Canada. *Proceedings of Transportation Research Board 93rd Annual Meeting* (No. 14-3099), Washington D.C., January 12-16.
31. Ortiz, R., & Chi, J. (2014). Business model and market entry of low-cost carrier in tourism markets: The Southwest airlines case study. *Proceedings of 19th Annual Graduate Education & Graduate Student Research Conference in Hospitality and Tourism* (423), Houston, TX, January 3-5.
32. Chi, J. (2013). A dynamic analysis of tourism demand: empirical evidence from Hawaii's tourism industry. *Conference Proceedings of the International Journal of Arts & Sciences*, 6(3):409-418, ISSN: 1943-6114, Toronto, Canada, May 20-23.
33. Chi, J., & Baek, J. (2013). The dynamic effects of economic growth on air passenger and freight services in the United States. *Proceedings of 54th Transportation Research Forum Conference*, Annapolis, MD, March 21-23.
34. Lim, S. H., & Chi, J. (2013). Do cell phone restrictions reduce fatal crashes involving young drivers?. *American Economic Association Annual Meeting*, San Diego, CA, January 5.
35. Chi, J., & Baek, J. (2012). A Cointegration analysis of air travel demand in the United States. *Proceedings of 53rd Annual Transportation Research Forum Conference*, Tampa, FL, March 15-17.
36. Chi, J., & Baek, J. (2012). Price and income elasticities of demand for air transportation: Empirical evidence from U.S. air freight industry. *Proceedings of Transportation Research Board (TRB) 91st Annual Meeting* (Session: 709, Paper Number: 12-1628), Washington D.C., January 22-26.
37. Chi, J., & Baek, J. (2011). Demand analysis for coal on the United States inland waterway system: fully-modified cointegration (FM-OLS) approach," *52nd Annual Transportation Research Forum*, Long Beach, CA, March 10-12.
38. Chi, J. (2011). Short-term lock traffic forecasts on the Ohio River System. *Proceedings of Transportation Research Board (TRB) 90th Annual Meeting* (Session 244, Paper Number: 11-1537), Washington D.C., January 23-27.
39. Chi, J., & Baek, J. (2011). Barge demand analysis for corn on the Mississippi Waterway. *Western Economic Association International 86th Annual Conference*, San Diego, CA, June 29-July 3.
40. Chi, J. (2011). Potential economic impacts of a US-35 toll road in West Virginia. *Proceedings of 2011 International Transportation Economic Development Conference (I-TED)*, Charleston, WV, May 1-3.
41. Chi, J. (2010). Perspective on cost-benefit analysis for Intelligent Transport System projects. *17th ITS World Congress, Busan, 2010: Proceedings*, Busan, South Korea, October 25-29.
42. Chi, J., & Waugaman, S. (2010). Regional economic impacts of toll roads in West Virginia: REMI model approach. *Proceedings of 51st Transportation Research Forum Conference*, Arlington, VA, March 11-13.
43. Chi, J., Koo, W., & Lim, S. H. (2009). Carriers' price dispersion in the U.S. airline industry. *Proceedings of 50th Transportation Research Forum Conference*, Portland, OR, March 16-18.
44. Chi, J., & Koo, W. (2009). Carriers' pricing behaviors in the United States airline industry. *88th Transportation Research Board Conference*, Washington D.C., January 11-15.

Conference Presentations

1. Chi, J. (2024). Ecological Effects of Road Transportation Infrastructure, Transport Tax, and Environment-Related Technologies. *Western Economic Association 99th Annual Conference*, Seattle, June 27.
2. Chi, J. (2024). Understanding the tourism-environment nexus: New insights from an instrumental variable quantile regression analysis. *Asia-Pacific CHRIE Conference*, Seoul, May 26.
3. Chi, J. (2023). Analyzing Economic Policy Uncertainty and Exchange Rate Asymmetries in Tourism Demand for Hong Kong. *Western Economic Association 98th Annual Conference*, San Diego, July 1.
4. Chi, J. (2023). The effects of economic policy uncertainty, inflation, and oil prices on US airline stock market. *26th Air Transport Research Society World Conference*, Kobe, July 1.
5. Chi, J. (2022). The impacts of policy uncertainty, COVID-19, and oil price shocks on US air travel demand. *25th Air Transport Research Society World Conference*, Antwerp, August 27.
6. Chi, J. (2022). Asymmetric nexus between economic policy uncertainty, exchange rates, and international tourism demand: Evidence from Hong Kong. *Western Economic Association 97th Annual Conference*, Portland, June 30.
7. Chi, J. (2021). Reassessing the tourism-induced Environmental Kuznets Curve. *Western Economic Association Virtual 95th Annual Conference*, June 30.
8. Chi, J. (2021). Testing Kuznets curve hypothesis between tourism and income inequality: A comparative analysis of high, middle, and low income countries. *Conference on Managing Tourism Across Continents (MTCO'21)*, April 3.
9. Chi, J. (2021). Estimation of own-and cross-price elasticities of tourism demand for Hawaiian Islands. *Western Economic Association Virtual International Conference*, March 17.
10. Orr, S. & Chi, J. (2020). The Dynamic Effects of Airfare and Hotel Rates on Tourism Demand for the Hawaiian Islands. *The 25th Annual Graduate Education and Graduate Student Research Conference in Hospitality and Tourism*, Las Vegas, NV, January 5.
11. Chi, J. (2019). Revisiting the Tourism-Inequality Nexus: Evidence from a Panel of Developed and Developing economies. *Annual Applied Business and Entrepreneurship Association International (ABEAI) Meeting*, Kauai, Hawaii, November 18.
12. Chi, J. (2019). Asymmetric Effects of Exchange Rate Changes on Cross-Border Trade: Evidence from Canada-US Bilateral Freight Flows by Transport Mode. *54th Annual Canadian Transportation Research Forum*, Vancouver, Canada, May 27.
13. Chi, J. (2019). The Effects of Gasoline Price Fluctuations on Urban Public Transit Ridership: New Evidence from an ARDL Approach. *60th Annual Transportation Research Forum*, Washington D.C., May 2.
14. Chi, J. (2018). The Nonlinear Effects of Gasoline Price Changes on Transit Ridership in Major US cities. *Annual Applied Business and Entrepreneurship Association International (ABEAI) Meeting*, Kona, Hawaii, November 15.
15. Chi, J. (2018). The impact of third-country exchange rate risk on air-passenger flows: The case of Korean outbound tourism demand. *Air Transport Research Society (ATRS) World Conference*, Seoul, South Korea, July 4.
16. Chi, J. (2017). Imperfect reversibility of fuel demand for road transport: The case of South Korea. *Annual Applied Business and Entrepreneurship Association International (ABEAI) Meeting*, Maui, Hawaii, November 16.

17. Chi, J. (2017). Asymmetric effects of exchange rate and income changes on maritime trade flows between Japan and the US. *Annual Conference of the International Association of Maritime Economists*, Kyoto, Japan, June 28.
18. Chi, J. (2017). Asymmetric tourist response to exchange rate uncertainty: New evidence from inbound tourist flows in South Korea. *Asia Pacific Tourism Association Conference*, Busan, South Korea, June 19.
19. Chi, J. (2016). Estimating the asymmetric elasticities of motor gasoline demand with respect to income and price changes in US states. *Annual Applied Business and Entrepreneurship Association International (ABEAI) Meeting*, Las Vegas, NV, November 10.
20. Chi, J. (2016). Long- and short-run asymmetric responses of motor-vehicle travel to fuel price variations: New evidence from a nonlinear ARDL approach. *Academy of Global Hospitality & Tourism Conference*, Seoul, South Korea, May 21.
21. Chi, J. (2016). Exchange rate nonlinearity in the US inbound tourism demand from the UK, Germany, France, Italy, and Spain: New evidence from partial decomposition models. *Academy of Global Hospitality & Tourism Conference*, Seoul, South Korea, May 21.
22. Chi, J. (2016). Asymmetric tourist responses to own- and cross-price changes: Evidence from US tourism demand for the UK, France, and Italy. *Hong Kong 2016: 2nd Global Tourism & Hospitality Conference*, Hong Kong, May 16.
23. Chi, J., & Cheng, S.K. (2016). Do exchange rate volatility and income affect Australia's maritime export flows to Asia? *Transportation Research Board 95th Annual Meeting*, Washington D.C. January 11.
24. Chi, J. (2015). Income and exchange rate dynamics of the US tourism balance of trade. *Western Economic Association International Conference*, Honolulu, HI, June 28.
25. Chi, J. (2015). Exchange rate and transport cost sensitivities of bilateral trade between the US and China tourism balance of trade. *Western Economic Association International Conference*, Honolulu, HI, July 1.
26. Chi, J. (2015). Dynamic relationships among transport infrastructure investment, non-transport public infrastructure, and economic growth in the United States: A new look. *56th Annual Transportation Research Forum Conference*, Atlanta, GA, March 13.
27. Chi, J. (2015). Transport infrastructure and macroeconomic performance in European countries: Dynamic panel data approach. *Transportation Research Board 94th Annual Meeting*, Washington D.C. January 12.
28. Liu, D., & Chi, J. (2015). Implications of globalization and airline alliances on tourism demand and airline profitability: Case of Mainland Chinese outbound tourism to the U.S.. *20th Annual Graduate Education and Graduate Student Research Conference in Hospitality and Tourism*, Tampa, FL, January 8-10.
29. Chi, J. (2014). A dynamic analysis of bilateral international air travel flows. *55th Annual Transportation Research Forum Conference*, San Jose, CA, March 15.
30. Chi, J. (2014). Assessing long-run determinants of cross-border freight flows between the United States and Canada. *Transportation Research Board 93rd Annual Meeting*, Washington D.C., January 14.
31. Ortiz, R., & Chi, J. (2014). Business model and market entry of low-cost carrier in tourism markets: The Southwest airlines case study. *19th Annual Graduate Education & Graduate Student Research Conference in Hospitality and Tourism*, Houston, TX, January 4.

32. Chi, J. (2013). A dynamic analysis of tourism demand: empirical evidence from Hawaii's tourism industry. *Multidisciplinary Conferences: the International Journal of Arts & Sciences*, Toronto, Canada, May 23.
33. Chi, J., & Baek, J. (2013). The dynamic effects of economic growth on air passenger and freight services in the United States. *54th Transportation Research Forum Conference*, Annapolis, MD, March 21.
34. Lim, S. H., & Chi, J. (2013). Do cell phone restrictions reduce fatal crashes involving young drivers?. *American Economic Association Annual Meeting*, San Diego, CA, January 5.
35. Chi, J., & Baek, J. (2012). A Cointegration analysis of air travel demand in the United States. *53rd Annual Transportation Research Forum Conference*, Tampa, FL, March 15-17.
36. Chi, J., & Baek, J. (2012). Price and income elasticities of demand for air transportation: Empirical evidence from U.S. air freight industry. *Transportation Research Board (TRB) 91st Annual Meeting*, Washington D.C., January 22-26.
37. Chi, J., & Baek, J. (2011). Barge demand analysis for corn on the Mississippi Waterway. *Western Economic Association International 86th Annual Conference*, San Diego, CA, June 29-July 3.
38. Chi, J. (2011). Potential economic impacts of a US-35 toll road in West Virginia. *International Transportation Economic Development Conference (I-TED) 2011*, Charleston, WV, May 1-3.
39. Chi, J., & Baek, J. (2011). Demand analysis for coal on the United States inland waterway system: fully-modified cointegration (FM-OLS) approach," *52nd Annual Transportation Research Forum*, Long Beach, CA, March 10-12.
40. Chi, J. (2011). Short-term lock traffic forecasts on the Ohio River System. *Transportation Research Board (TRB) 90th Annual Meeting*, Washington D.C., January 23-27.
41. Chi, J. (2010). Perspective on cost-benefit analysis for Intelligent Transport System projects. *17th ITS World Congress*, Busan, South Korea, October 25-29.
42. Chi, J., Dingus, R., & Waugaman, S. (2010). Proposed high-speed rail plan in the United States: Economic perspectives. *2010 ASME/IEEE/ASCE/AREMA/TRB Joint Rail Conference*, Urbana, IL, April 27-29.
43. Chi, J., & Waugaman, S. (2010). Regional economic impacts of toll roads in West Virginia: REMI model approach. *51st Transportation Research Forum Conference*, Arlington, VA, March 11-13.
44. Chi, J., Koo, W., & Lim, S. H. (2009). Carriers' price dispersion in the U.S. airline industry. *50th Transportation Research Forum Conference*, Portland, OR, March 16-18.
45. Chi, J., & Koo, W. (2009). Carriers' pricing behaviors in the United States airline industry. *88th Transportation Research Board Conference*, Washington D.C., January 11-15.

Professional Presentations (Seminars)

1. Korea Development Institute (KDI), Modeling the Transport Infrastructure-Growth Nexus in the United States, (June 2018), KDI, SeJong-Si, South Korea.
2. Korea Transport Institute (KOTI), The Impact of 3rd-country Exchange Rate Risk on Air-passenger Flows, (June 2018), KOTI, SeJong-Si, South Korea.
3. Korea Research Institute for Human Settlements (KRIHS), The Economic Effects of Transport Infrastructure in the United States, (June 2018), KRIHS, SeJong-Si, South Korea.

Professional Presentations (Invited Lectures)

1. Hawai'i's Executive Development Institute for Tourism (EDIT) Program: Strategic Management and Human Resource, (04/2019), School of Travel Industry Management

Professional Programs.

2. Ryukyus University Study Group: Tourism Transportation Management (August 2017), School of Travel Industry Management Professional Programs.
3. Rikkyo University Study Group: Transportation (September 2016), School of Travel Industry Management Professional Programs.
4. Rikkyo University Study Group: Tourism Transportation Management (September 2015), School of Travel Industry Management Professional Programs.
5. Invited discussant for Western Economic Association International Conference, Honolulu, (June 2015), Discussion topic is East-West trade and its implications on economic growth and environment (Session 227).
6. Hainan University Study Group: Tourism Transportation Management (January 2015), School of Travel Industry Management Professional Programs.
7. Rikkyo University Study Group: Tourism Transportation Management (September 2014), School of Travel Industry Management Professional Programs.
8. Ryukyus University Study Group: Tourism Transportation Management (August 2014), School of Travel Industry Management Professional Programs.
9. Rikkyo University Study Group: Principles of Transportation (September 2013), School of Travel Industry Management Professional Programs.
10. Ryukyus University Study Group: Introduction to Tourism Transportation (August 2013), School of Travel Industry Management Professional Programs.
11. Ryukyus University Study Group: Introduction to Tourism Transportation (August 2012), School of Travel Industry Management Professional Programs.
12. Invited presenter for a public meeting on King Coal Highway. A summary of my speech appeared in a newspaper article entitled “Research by RTI director makes Interstate 73/74 corridor a reality,” *Herald-Dispatch*. (November 2011, p. 4.98)

Master Student Advising

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| Emily Cho, Professional Paper, “Analyzing the effects of the COVID-19 pandemic on full-service carriers and low-cost carriers in the United States.” School of Travel Industry Management | 01/2021 – 04/2022 |
| Won Mi Bae, Professional Paper, “The content analysis of travelers’ perceptions toward airport service quality: Comparison between the Honolulu International Airport and world’s top public and private airports.” School of Travel Industry Management | 10/2019 – 05/2020 |
| Sun Ah Ahn, Professional Paper, “The dynamic effects of airfare and hotel rates on tourism demand for the Hawaiian Islands.” School of Travel Industry Management | 02/2019 – 12/2019 |
| Lanfeng Liu, Professional Paper, “An econometric analysis of the cruise tourism demand in the United States.” School of Travel Industry Management | 08/2016 – 08/2017 |
| Raquel Ortiz, Professional Paper, “Business model and market entry of a low-cost carrier in tourism markets: The Southwest airlines case study.” School of Travel Industry Management | 11/2012 – 12/2013 |

Internal Service

University Service – University of Manoa Campus

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| Mānoa Faculty Senate’s Committee (Writing Intensive Board) | 07/2025 – Present |
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| TIM School Faculty Representative of University of Hawaii Professional Assembly (UHPA) | 05/2022 – 07/2025 |
| Academic Grievance Committee, UH Mānoa | 09/2021– 05/2022 |
| TIM School Faculty Representative of University of Hawaii Professional Assembly (UHPA) | 10/2016 –12/2019 |
| Invited Reviewer of a Research Proposal for the Undergraduate Research Opportunity Council (UROC) | 11/2015 |
| International Education Week Planning Committee, Sub-committee of Member of Mānoa International Education Committee | 08/2015 – 11/2015 10/2014 – 10/2018 |

University Service – School of Travel Industry Management

(a) Committees

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|--|-------------------|
| Chair of TIM School Department Personnel Committee (Hospitality Faculty, Transportation Faculty, & Instructor) | 11/2024 – 12/2024 |
| Member of Shidler Faculty Senate Executive Committee (FSEC) | 08/2023 – Present |
| Chair of TIM School Faculty Search Committee (Transportation Faculty Position) | 10/2022 – 03/2023 |
| Member of TIM School Faculty Search Committee (Tourism Faculty Position) | 11/2021 – 05/2022 |
| Chair of TIM School Faculty Personnel Committee (Hospitality Faculty Position) | 10/2021 – 11/2021 |
| Chair of TIM School Department Personnel Committee (Instructor Position) | 11/2021 – 11/2021 |
| Member of TIM School Department Personnel Committee (Instructor Position) | 11/2021 – 11/2021 |
| Member of TIM School Graduate Committee | 08/2012 – Present |
| Member of TIM School Graduate Selection Committee | 10/2021 – Present |
| Graduate Chair of TIM School | 08/2017 – 09/2019 |
| Assessment Coordinator for TIM School MS Program | 08/2017 – 09/2019 |
| Member of TIM School Research Committee | 08/2021 – 07/2023 |
| Chair of TIM School Research Committee | 08/2020 – 07/2021 |
| Member of TIM School Research Committee | 10/2019 – 12/2019 |
| Member of TIM School Department Personnel Committee (DPC) (Hospitality Faculty) | 10/2020 – 11/2020 |
| Member of TIM School Department Personnel Committee (DPC) (Instructor) | 03/2019 – 04/2019 |
| Member of TIM School Faculty Personnel Committee (Tourism Faculty) | 10/2019 – 12/2019 |
| Member of TIM School Faculty Search Committee (Hospitality Faculty Positions) | 11/2018 – 12/2018 |
| Member of TIM School Faculty Personnel Committee (Hospitality Faculty) | 02/2018 – 02/2018 |
| Member of TIM School Faculty Search Committee (Tourism Faculty Position) | 09/2017 – 02/2018 |
| Member of TIM School Undergraduate Curriculum and Student Affairs Committee | 08/2017 – 07/2018 |
| Member of TIM School Ad Hoc Assessment Committee | 08/2017 – 07/2018 |

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| Chair of TIM School Award Committee | 03/2017 |
| Chair of TIM School Scholarship Committee | 04/2017 |
| Member of TIM School Faculty Search Committee (Instructor Position) | 09/2016 – 12/2016 |
| Vice Chair of TIM School Faculty Senate | 08/2016 – 07/2017 |
| Member of TIM School Research Committee | 08/2016 – 07/2017 |
| Chair of TIM School Ad Hoc Assessment Committee | 08/2016 – 07/2017 |
| Chair of TIM School Award and Scholarship Committee | 03/2016 |
| Member of TIM School Faculty Search Committee (Hospitality Faculty Position) | 03/2016 – 05/2016 |
| Member of TIM School Faculty Search Committee (Instructor Position) | 03/2016 – 05/2016 |
| Member of TIM School Faculty Search Committee (Hospitality Faculty Position) | 09/2015 – 12/2015 |
| Vice Chair of TIM School Faculty Senate | 08/2015 – 07/2016 |
| Chair of TIM School Research Committee | 08/2018 – 07/2019 |
| Member of TIM School Research Committee | 08/2015 – 07/2017 |
| Member of TIM School Staff Search Committee (Secretary II Position) | 04/2015 – 04/2015 |
| Chair of TIM School Award and Scholarship Committee | 03/2015 |
| Chair of TIM School Personnel Committee | 08/2014 – 07/2015 |
| Vice Chair of TIM School Faculty Senate | 08/2014 – 07/2015 |
| Member of TIM School Award and Scholarship Committee | 03/2014 |
| Chair of TIM School Research Committee | 08/2013 – 07/2014 |
| Chair of TIM School Faculty Search Committee (Transportation Faculty Position) | 01/2013 – 05/2013 |
| Member of TIM School Ad Hoc Committee (MS Program Assessment) | 11/2012 – 02/2013 |
| Member of TIM School Award and Scholarship Committee | 03/2013 |
| Member of TIM School Undergraduate Curriculum and Student Affair Committee | 08/2012 – 07/2013 |
| Member of TIM School Research Committee | 08/2012 – 07/2013 |
| Member of TIM School Graduate Committee | 08/2012 – 07/2017 |
| <i>(b) Faculty Advisor, TIM School Student Club</i> | |
| Faculty Advisor, Young Skål Student Club | 01/2015 – Present |

Professional Development Activities

Data Analytics Training Program – Tableau (October 17-25, 2020)