

University of Hawaii at Manoa

Junwook Chi, Ph.D.

Professional Preparation

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

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

Marshall University

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

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

Member of Skål International Hawaii	05/2015 – Present
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
Friend Member of Committees of Aviation Economics and Forecasting, International Trade and Transportation, and Transportation Demand Forecasting, Transportation Research Board (TRB)	01/2015 – Present
Member of National Defense Transportation Association (NDTA)	11/2012 – Present
Member of Western Economic Association International	01/2012 – Present
Member of American Economic Association	10/2010 – Present
Formal Member of Transportation and Economic Development (TED) Committee, Transportation Research Board (TRB)	07/2009 – 03/2015
Member of Transportation Research Forum (Guest member of Aviation Transportation and International Transportation Chapters since September 2013)	01/2009 – Present

Special Awards, Fellowships and Honors

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

Courses Taught

Course #	Course Title	Enrolled	Term
TIM 353	Air Transportation Management	18	Spring 2021
TIM 350	Introduction to Tourism Transportation	24	Spring 2021
TIM 606	Transportation Economics and Management	8	Fall 2020
TIM 350	Introduction to Tourism Transportation	27	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
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. (2020). Is there complementarity or substitutability among Hawaiian islands? Evidence from the autoregressive distributed lag approach. *Current Issues in Tourism*, accepted.
2. Chi, J. (2020). Revisiting the tourism-inequality nexus: evidence from a panel of developed and developing economies. *Current Issues in Tourism*, accepted.
3. 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.
4. 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.
5. Chi, J. (2020). Asymmetric tourism demand responses to exchange rate fluctuations in South Korea. *Tourism Analysis*, 25(1), 63-75.
6. 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.
7. 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.
8. Chi, J., & Baek, J. (2016). Modeling the transport infrastructure-growth nexus in the United States. *Journal of Transportation Research Forum*, 55(3), 23-40.
9. 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.
10. 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.
11. 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.
12. 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.
13. Chi, J. (2015). Transport infrastructure and macroeconomic performance in European countries: Dynamic panel data approach. *Transportation Research Record*, 2530, 84-92.
14. Chi, J. (2015). Dynamic impacts of income and the exchange rate on US tourism, 1960-2011. *Tourism Economics*, 21(5), 1047-1060.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.

21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.

8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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.

Conference Presentations

1. 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.
2. 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.
3. 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.

4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. Chi, J. (2015). Income and exchange rate dynamics of the US tourism balance of trade. *Western Economic Association International Conference*, Honolulu, HI, June 28.
16. 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.
17. 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.
18. 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.
19. 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.
20. Chi, J. (2014). A dynamic analysis of bilateral international air travel flows. *55th Annual Transportation Research Forum Conference*, San Jose, CA, March 15.
 21. 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.
 22. 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.
 23. 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.
 24. 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.
 25. 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.
 26. 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.
 27. 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.
 28. 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.
 29. 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.
 30. 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.
 31. 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.
 32. Chi, J. (2010). Perspective on cost-benefit analysis for Intelligent Transport System projects. *17th ITS World Congress*, Busan, South Korea, October 25-29.
 33. 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.
 34. 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.
 35. 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.
 36. 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. I presented the research findings on potential economic benefits of public private partnerships on reclaimed mine sites in the construction of the I-73/74 NHS Corridor at Newtown, WV (November 2011). A summary of my speech appeared in a newspaper article entitled "Research by RTI director makes Interstate 73/74 corridor a reality," *Herald-Dispatch*. (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 – Present |
| 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

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 Mānoa International Education Committee	08/2015 – 11/2015
Member of Mānoa International Education Committee	10/2014 – 10/2018

University Service – School of Travel Industry Management

(a) Committees

Chair of TIM School Research Committee	08/2020 – Present
Member of TIM School Graduate Committee	08/2020 – Present
Member of TIM School Research Committee	10/2019 – 12/2019
Member of TIM School Faculty Personnel Committee (Tourism Faculty Position)	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 Position)	02/2018 – 02/2018
Member of TIM School Faculty Search Committee (Tourism Faculty Position)	09/2017 – 02/2018
Graduate Chair of TIM School	08/2017 – 09/2019
Assessment Coordinator for TIM School MS Program	08/2017 – 09/2019
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
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 Affairs 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)