

# Jake Wagner

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## ACADEMIC EMPLOYMENT

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**Assistant Research Professor** 2020 – Present  
*School of Economic Sciences, Washington State University* Pullman, WA

## EDUCATION

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**Washington State University** Pullman, WA  
*Ph.D. Economics* 2020

**Western Washington University** Bellingham, WA  
*B.S. Mathematics, B.A. Economics* 2016

## RESEARCH INTERESTS

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Intermodal freight networks, efficient supply chains, optimal routing, port performance, clean transportation, commodity flows, shipper/carrier competitiveness

## CURRENT RESEARCH

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“Ocean Carrier Alliances: Competitiveness and U.S. Trade” with Adam Wilson, and Eric Jessup.

“Independent Review of Lower Snake River Transportation Study” with Eric Jessup.

“Timber Truck Route Planner” with Tim Nadreau, and Eric Jessup.

## REPORTS AND PUBLICATIONS

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Alhunayshil, H., Wagner, J., Sugiarto, W., & Jessup, L. 2024. **Determinants of Bulk Truck Rates.**

Wagner, J. & Jessup, L. 2023. **An Inland Intermodal Terminal in the Pacific Northwest.** Washington Agribusiness Status & Outlook (vol. 2024).

Wagner, J. & Jessup, L. 2024. **Evaluating Washington’s Single-Use Plastic Bag Ban.**

Jessup, E. & Wagner, J., Higby, R., & Barret, A. 2024. **The Importance of Columbia-Snake River Navigation to U.S. Agriculture.**

Wagner, J. & Jessup, L. 2023. **Innovative Freight Movement Through Inland Multi-Use Ports: Estimating Public & Private Benefits.**

Wagner, J., Burk, A., Moore, D. 2023. **Pullman Transit Express Routes Pilot Study.**

Wagner, J. & Jessup, E. 2023. **Pacific Northwest Agricultural Exports through Covid-19.** Washington Agribusiness Status & Outlook (vol. 2023).

Wagner, J. & Moore, D. 2023. **Efficient Transfer of Shelter Animals.**

Wagner, J., Jessup, E., & Dincer, T. 2023. **Washington State Rest Area Site Evaluation Study.**

Wagner, J., Zhao, M., Jessup, E., & Kenner, B. 2023. **The Impacts of Covid-19 on Containerized Agricultural Exports.**

Wagner, J., Bullard, B., Dincer, T. & Moore, D. 2022. **Planning Tools to Improve Transit Operating Efficiencies.**

Dincer, T., Wagner, J. & Jessup, E. 2022. **Intermodal Competition for Agricultural Freight Across U.S. Markets.**

Wagner, J., Jessup, E. & Latta, G. 2022. **Optimal Timber Truck Routing Under Coordination in the Pacific Northwest.**

Zhao, M., Wagner, J. & Moore, D. 2022. **Optimal Pricing Policies for Campus Parking.**

Rahamn, M.M., Zhou, Y., Wagner, J. & Jessup, E. 2021. **Assessing the Feasibility of an Inland Container Terminal in the Pacific Northwest.**

Wagner, J., Moore, D., Jessup, E., & Vakoch, D. 2021. **Commuters' Mode and Parking Decisions.**

Wilson, W., Jessup, E. & Wagner, J.. 2020. **Geographic Analysis of Barriers to Efficient Rail Grain Freight Movements.**

Cook, J., Wagner, J. & Newell, G. **A Decision Support Tool for Rural Water Supply Planning.** Journal of Water, Sanitation and Hygiene for Development (2020).

Wagner, J., Cook, J. & Kimuyu, P. **Household Demand for Water in Rural Kenya.** Environmental & Resource Economics 74, 1563–1584 (2019).

#### GRANT AWARDS

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“Independent Review of Lower Snake River Transportation Study,” Co-PI with Eric Jessup, <b>\$485,000.</b>	2024
“Evaluating Washington’s Single-Use Plastic Bag Ban,” Co-PI with Eric Jessup, <b>\$107,719.</b>	2024
“Timber Truck Route Planner,” Co-PI with Eric Jessup, <b>\$100,623.</b>	2023
“The Impact of Ocean Carrier Alliances on Containerized Agricultural Exports,” Co-PI with Eric Jessup, <b>\$122,760.</b>	2023
“Stampede Pass Efficiency Study,” Co-PI with Eric Jessup, <b>\$150,000.</b>	2023
“Estimating Determinants of Bulk Truck Rates Across the U.S.,” Co-PI with Eric Jessup, <b>\$100,000.</b>	2022
“Innovative Freight Movement Through Inland Multi-Use Ports: Estimating Public & Private Benefits,” Co-PI with Eric Jessup, <b>\$50,000.</b>	2022
“Washington State Rest Area Site Evaluation Study, <b>\$50,000.</b>	2022
“Washington State Agriculture Commission Producer Survey,” Co-PI with Eric Jessup and Danna Moore, <b>\$225,000.</b>	2022
“Economic Effects of the Pandemic on Containerized Agricultural Exports,” Co-PI with Eric Jessup, <b>\$97,500.</b>	2021
“Transferring Shelter Animals: Developing Data and a Data Driven Logistical Transport Solution for Safely and Humanely Transferring Shelter Animals Longer Distances and Between States,” Co-PI with Danna Moore, <b>\$40,000</b>	2021
“Pullman Transit Express Routes Pilot Study: Evaluating the Impacts of Rerouting on Transit Ridership and Pedestrian Flows,” Lead-PI with Danna Moore, <b>\$40,000</b>	2021
“Planning tools for transit managers to improve efficiencies, and prepare for the post-Covid environment,” Lead-PI with Danna Moore, <b>\$40,000</b>	2020
“Parking planning tools to improve efficiencies, aid recovery and prepare for the post-Covid environment,” Co-PI with Danna Moore, <b>\$40,000</b>	2020

## TEACHING EXPERIENCE

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<b>Economics Honors</b>	Spring 2024 & Spring 2023
<b>Fundamentals of Macroeconomics</b>	Spring 2022 & Fall 2019
<b>Fundamentals of Microeconomics</b>	Spring 2020
<b>Business Management Economics</b>	Spring 2018 & Fall 2017

## REFERENCES

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Eric JESSUP	Joseph COOK	Jill McCLUSKEY
Research Professor	Professor	Director and Regents Professor
School of Economic Sciences	School of Economic Sciences	School of Economic Sciences
Washington State University	Washington State University	Washington State University
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