

Jake Wagner

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ACADEMIC EMPLOYMENT

Assistant Research Professor

School of Economic Sciences, Washington State University

2020 – Present

Pullman, WA

EDUCATION

Washington State University

Ph.D. Economics

Pullman, WA

2020

Western Washington University

B.S. Mathematics, B.A. Economics

Bellingham, WA

2016

RESEARCH INTERESTS

Discrete Choice Econometrics, Development Economics, Environmental and Resource Economics

PUBLICATIONS

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).

REPORTS

Rahamn, M.M., Zhou, Y., **Wagner, J.** and Jessup, J. 2021. “Assessing Feasibility of an Inland Container Terminal in the Pacific Northwest.” (*for USDA and under review at Transportation Research: Part E*)

Wilson, W., Jessup, E. and **Wagner, J.**. 2020. “Geographic Analysis of Barriers to Efficient Rail Grain Freight Movements.” (*for USDA*)

CURRENT RESEARCH

WORKING PAPERS

“Commuters’ mode and parking decisions.” with Danna Moore, Eric Jessup, and Dan Vakoč (*under review at Transportation Research: Part A*)

“A linked-demand model to characterize multiple discrete-continuous demand.” with Joseph Cook

“Energy efficiency information asymmetries in the rental housing market.”

WORK IN PROGRESS

“The value of information systems in timber products transportation: a ‘rideshare’ model for log trucking,” with Greg Latta and Eric Jessup

“Benefit-cost analysis of navigation on the Columbia Snake River System,” with Eric Jessup

“Rent pass-through when landlords pay the utility bill: how do rents change when utility prices are shocked?” with Joseph Cook

GRANT AWARDS

“Planning tools for transit managers to improve efficiencies, and prepare for the post-Covid environment,” Lead-PI with Danna Moore, **\$40,000** + in-kind match from Pullman Transit

“Parking planning tools to improve efficiencies, aid recovery and prepare for the post-Covid environment,” Co-PI with Danna Moore, **\$40,000** + in-kind match from WSU Transportation Services

TEACHING EXPERIENCE

- Instructor** | *Business Management Economics* Fall 2017 & Spring 2018
- Formulated business plans and used microeconomic theory to make decisions about product pricing, labor demand, and production
 - Included a weekly lab section to learn and practice applied analysis in Excel
 - Taught online for the Fall semester, and in class for the Spring
 - Received strong student evaluations with a mean of 4.3/5 and a median of 4/5
- Instructor** | *Fundamentals of Microeconomics, Fundamentals of Macroeconomics* Fall 2019 & Spring 2020
- Used a multitude of teaching strategies to introduce challenging economic topics to diverse classes of nearly 200 students
 - Taught both in person and online
 - Developed online course material to make the transition from in-person to online during Spring of 2020
 - Organized and engaged with students in study sessions/recitations outside of class
- Teaching Assistant** | *Econometrics II (PhD-level)* Fall 2019
- Provided one-on-one advanced econometrics assistance to PhD students in the economics, finance, and accounting programs
 - Evaluated and graded advanced econometrics course material

OTHER EXPERIENCE

- Research Assistant** | *Dr. Eric Jessup, Washington State University* Summer 2020
- Built models, conducted statistical analysis, and wrote reports on intermodal freight transportation to inform stakeholders and improve system efficiencies
- Research Assistant** | *Dr. Joseph Cook, Washington State University* Summer 2018 – Fall 2019
- Developed an online decision support tool to map, evaluate, and improve rural water networks in low-income countries (ruralwaterdecisions.org)
- Research Intern** | *Dr. Patrick Jones, Eastern Washington University* Summer 2015
- Used time-series data to conduct regional economic analysis and generate economic forecasts

SERVICE

REFEREE	Journal of Rural Studies, Journal of Benefit-Cost Analysis
COORDINATOR	WSU Environmental and Resource Economics Discussion Series
EXPERT PANEL	Evaluation of WTP for shelf-life extending technology
MODERATOR	Discussion of Economic Research (for undergraduates)

SKILLS AND CERTIFICATES

COMPUTER SKILLS	Python, QGIS, GAMS, Stata, Javascript, CSS, Html
CERTIFICATES	CITI Human Subjects Research Training Responsible Conduct of Research Training Online Instructor Training Discrimination, Sexual Harassment, and Sexual Misconduct Prevention Training

REFERENCES

Joseph COOK Associate Professor School of Economic Sciences Washington State University Phone: (509) 335-3817 Email: joe.cook@wsu.edu	Eric JESSUP Research Professor School of Economic Sciences Washington State University Phone: (509) 335-4987 Email: eric_jessup@wsu.edu	Jill McCLUSKEY Director and Regents Professor School of Economic Sciences Washington State University Phone: (509) 335-2835 Email: mccluskey@wsu.edu
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