SEAN T. EWEN

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EDUCATION

University of Washington *Seattle, WA*

Ph.D, Economics *Expected 2024*

   Advisor: Dr. Yuya Takahashi

   Concentrations: Empirical Industrial Organization and Microeconometrics

American University *Washington, DC*

B.S, Mathematics and Economics *Dec 2017*

   Capstone: *Measuring Financial Cycles in Europe*

RESEARCH PAPERS

- **Zoom Calls and Revenge Travel: Pandemic-induced Changes to Demand for US Domestic Air Travel** (*Job Market Paper*)

  Abstract. The market for air travel was among the industries most affected by the COVID-19 pandemic. Business and media commentators have speculated about numerous changes to the industry including the decline of business travel and the rise of pandemic-induced "revenge travel." Empirical investigation of these claims is complicated by carriers' rising fuel and labor costs and the endogeneity of flight frequency decisions. I analyze these claims in US domestic air travel in 2022 relative to 2019 using a structural model of air travel demand that assumes heterogeneity in consumers takes two forms: business travellers and leisure travellers. I endogenize the number of daily departures on a given route to account for changes in fuel cost that may affect carriers' flight frequency decisions. I find that both consumer "types" became less price-sensitive and average price elasticity increased. There was a large shift in the share of passengers from "leisure"-type to "business"-type. I interpret this as evidence that many leisure travellers behaved as business travellers during 2022 – forgoing their usual concerns about price to partake in revenge travel. I also conduct counterfactual analyses to examine the effects of these changes on airlines' profits. I show that the change in demand was relatively more important than the change in cost to for airline profits in 2022.

- **Common Ownership and Market Entry: Re-examining Airline Markets** (*In Progress*)

- **Dynamic Model of Invasive Species Management in Pacific Northwest River Networks** (*In Progress*)

- **Effect of Minimum Wage Laws on Market Structure** (*In Progress*)

PROFESSIONAL EXPERIENCE

Supply Chain Optimization Technology-Automated Inventory Management, Amazon *Bellevue, WA*

Economist Intern *Jun-Sep 2023*

- Estimated structural econometric and machine learning models using company data to inform business decisions

- Authored research paper documenting key findings relevant to the company

- Presented research to team members and stakeholders within Amazon

Grid Strategies, LLC *Virtual*

Research Consultant *Jan 2023*

- Reviewed literature on the antitrust economics and regulated utilities

- Authored report summarizing economic literature for project involving electricity markets

Animal and Plant Health Inspection Service, United States Department of Agriculture *Riverdale, MD*

Pathways Intern/Student Trainee/Agricultural Economist Clerk *Jun 2017-Apr 2018*

- Researched and co-authored report on NAFTA's economic impact on American agriculture

- Conducted research for cost-benefit analyses of proposed rule changes to American agriculture imports

- Presented progress on various projects to members of department

Seidman Research Institute, W.P. Carey School of Business, Arizona State University *Tempe, AZ*
Research Intern *May-Aug 2016, May-Aug 2018*

- Authored literature reviews and analysis for various clients including a well-known financial institution, municipal court, and local entertainment company
- Conducted surveys of consumer and user sentiment for several projects
- Created and managed SQL database for analysis

RESEARCH EXPERIENCE

School of Marine and Environmental Affairs, University of Washington *Seattle, WA*
Research Assistant *Sep 2023 - Present*

- Developed and programmed Stochastic Markov Decision Process of invasive species management in riparian environments in the Pacific Northwest
- Communicated results of complex cost scenarios to stakeholders
- Attended Willamette Invasive Species Summit for effective collaboration with government employees and contractors

TEACHING EXPERIENCE

Department of Economics, Department of Sociology, University of Washington *Seattle, WA*
Teaching Instructor *Sep-Dec 2021, Sep-Dec 2022*

- Taught classes of 30-40 University of Washington undergraduate students in Introductory and Intermediate Microeconomics
- Improved student understanding of material by preparing course lectures, assignments, tests, and practice problems
- Presented lectures on course curriculum twice weekly

Teaching Assistant *Sep 2019 - Jun 2020, Sep 2020 - Jun 2021, Jan-Jun 2022, Jan-Jun 2023*

- Assisted teaching 10 University of Washington undergraduate courses including Introduction to Econometrics, Causal Inference, and Statistical Methods for the Social Sciences
- Improved student understanding of material by leading weekly problem solving discussion sections
- Helped develop students' programming skills in R, EViews by helping them on homework assignments

SKILLS

Programming Languages: R, Python, MATLAB, Stata, SQL, UNIX, Eviews
Other software: LaTeX, Git, Microsoft Excel
Foreign Languages: Spanish (intermediate)