

# Aditi Surve

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## EDUCATION

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### Ph.D. in Economics

*Expected May 2025*

*Washington State University, Pullman, WA*

### M.Sc. in Economics

*Dec. 2019*

*Washington State University, Pullman, WA*

### B.A. in Economics

*May 2018*

*St. Xaviers College, Mumbai, India*

## PUBLICATIONS

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Iles, R. A., **Surve, A.**, Kagundu, S., & Gatumu, H. (2021). The role of short-term changes in cognitive capacity on economic expenditure among Kenyan agro-pastoralists. *Plos One*, 16(3), e0247008.

**Surve, Aditi A.**, Jae Young Hwang, Shanthi Manian, Joshua Orungo Onono, and Jonathan Yoder. "Economics of East Coast fever: a literature review." *Frontiers in Veterinary Science* 10 (2023).

**Surve, Aditi A.**, and Ana Espinola-Arredondo. Can abatement efforts in a common pool resource promote overexploitation of the resource?. *Environment and Development Economics*(2025): 1-24.

## WORKING PAPERS

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### Willingness to pay for vaccine against East Coast Fever (ECF) using Becker-DeGroot-Marshack (BDM) mechanism

- Experimentally estimates the Willingness To Pay for vaccine against ECF using BDM method.

### Do more empowered women lose fewer animals to East Coast Fever (ECF)?

- Examines the impact of women's empowerment on ECF vaccine decisions through a field experiment in Kenya.

### Historical Demand Estimation for ITM vaccine

- Estimates the demand for ECF ITM vaccine using an instrument variable approach.

## RESEARCH EXPERIENCE

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### Graduate Research Assistant

Aug. 2022 – Present

*Washington State University, Pullman, WA*

- Researched and published cost-effectiveness analysis to estimate the economic burden of East Coast Fever
- Conceptualized and designed surveys and framed field experiments
- Developed an interactive web application for data collection using otree
- Trained the enumerators in person, conducted the pilot, and supervised the data collection in Narok, Kenya

### Graduate Research Assistant

Aug. 2020 – Dec. 2020

*Washington State University, Pullman, WA*

- Created dataset by calculating Haversine spatial distance between natural gas plant and pipeline using Python
- Analyzed brewery data to study the impact of mergers on product variety.
- Researched, extracted, and filtered satellite-based ground-level pollution data using Python.

## TEACHING EXPERIENCE

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<b>Instructor, EconS 102: Fundamentals of Macroeconomics</b> <i>Online</i>	Summer 2023
<b>Instructor, EconS 321: Economics of Sports in America</b> <i>In Person and Online</i>	Fall 2021 – Spring 2022
<b>Teaching Assistant, EconS 301: Intermediate Microeconomics with Calculus</b> <i>In Person</i>	Spring 2021
<ul style="list-style-type: none"><li>• Conducted weekly recitations and tutorial sessions for undergraduate students</li><li>• Graded assignments and exams</li></ul>	

## LEADERSHIP EXPERIENCE

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<b>SES Student Seminar Chair</b> <i>Washington State University, Pullman, WA</i>	Aug. 2022 – May 2023
<ul style="list-style-type: none"><li>• Organized and facilitated weekly seminars for Ph.D. students in the Economics department</li></ul>	
<b>SESGSA Secretary</b> <i>Washington State University, Pullman, WA</i>	Aug. 2022 – May 2023
<ul style="list-style-type: none"><li>• Coordinated social and educational events catered to graduate students in a professional capacity</li></ul>	

## AWARDS AND SCHOLARSHIPS

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School of Economics Sciences Excellence in Research Award	Oct. 2024
Graduate Assistantship	2020 - 2025
Maggie and Jinhui Bai Fellowship	Dec. 2018
C. Richard and Janet L. Shumway Graduate Fellowship	Aug. 2018
H. Delight and Orlo H. Maughan Scholarship	Aug. 2018

## PRESENTATIONS

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Can abatement efforts in a CPR promote over-exploitation of the resource?	
- School of Economic Sciences Student Seminar, WSU, Pullman, WA	Oct. 2022
- Western Economic Association International, Portland, OR	Jul. 2022
Do more empowered women lose fewer animals to East Coast Fever (ECF)?	
- Job market seminar, School of Economic Sciences, WSU, Pullman, WA (forthcoming)	Nov. 2024
- Agriculture and Applied Economics Association, New Orleans, LA	Jul. 2024
- Northwest Development Workshop, Seattle, WA	May 2024

## PROFESSIONAL SERVICE

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Served on the panel to review papers	Mar. 2023
- Pacific Conference for Development Economics (PacDev) 2023, Seattle, WA	
Served as an abstract reviewer	Aug 2024
- International Association of Agricultural Economists 2024, Delhi, India	

## TECHNICAL SKILLS

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- Advanced knowledge of econometric modelling and statistical analysis
- Structured programming languages (Python, R, Stata, SQL) for data manipulation and analysis
- Advanced knowledge of survey, experimental design and web app development using otree
- Multi-group, interdisciplinary collaboration, and self-supervision in independent work

## REFERENCES

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Dr. Shanthi Manian (Ph.D. Chair), Assistant Professor, School of Economic Sciences, Washington State University, shanthi.manian@wsu.edu

Dr. Jonathan Yoder (Ph.D. Co-Chair), Distinguished Professor for Sustainable Development. Director, State of Washington Water Research Center, School of Economic Sciences, Washington State University, yoder@wsu.edu

Dr. Ana Espinola-Arredondo (Ph.D. Committee Member), Professor, School of Economic Sciences, Washington State University, anaespinola@wsu.edu

Dr. Joe Cook (Ph.D. Committee Member), Professor, School of Economic Sciences, Washington State University, joe.cook@wsu.edu

Dr. Bidisha Mandal (Teaching Reference), Professor and Associate Director, School of Economic Sciences, Washington State University, bmandal@wsu.edu