

2200 NE Westwood Dr
Pullman, WA, 99163

Aditi A Surve

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Education

Ph.D. in Econometrics and Quantitative Economics Washington State University, Pullman, WA	May 2025 (Expected)
Master of Science in Applied Economics Washington State University, Pullman, WA	Dec 2019
Bachelor of Arts in Economics St. Xavier's, Mumbai	May 2018

Research Experience

Graduate Research Assistant, Washington State University, Pullman, WA	Aug 2022 – Present
<ul style="list-style-type: none">- Researched and systematized cost-effectiveness analysis to estimate the economic burden of East coast fever.- Designed a framed field experiment to estimate the impact of women's empowerment on East Coast fever vaccination decision-making.- Developed an interactive web application independently for data collection using otree.- Trained the enumerators in person, conducted the pilot, and supervised the data collection in Narok, Kenya.	
Graduate Research Assistant, Washington State University, Pullman, WA	Aug 2020 – Dec 2020
<ul style="list-style-type: none">- 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

Instructor for EconS 102: Fundamentals of macroeconomics, online, Washington State University, Pullman, WA	May 2023 – Jul 2023
<ul style="list-style-type: none">- Creating and resource materials to explain fundamental macroeconomic theories.- Graded assignments and exams and provided feedback to students.	
Instructor for EconS 321: Economics of Sports in America, in person, Washington State University, Pullman, WA	Aug 2021 – May 2022
<ul style="list-style-type: none">- Created lesson plans and resource materials to explain economic theories, concepts.- Conducted tutorial sessions for undergraduate student and delivered lectures.	
Teaching assistant for EconS 301: Intermediate Microeconomics with Calculus, in person, Washington State University, Pullman, WA	Aug 2021 – May 2022
<ul style="list-style-type: none">- Conducted weekly recitations and tutorial sessions for undergraduate students.- Graded assignments and exams.	

Leadership Experience

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

Publications

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).

Working papers

Can abatement efforts in a CPR promote over-exploitation of the resource? (Revised & Resubmitted, Environment and Development Economics)

- Assesses how input appropriations drive future CPR over-exploitation using game theory amidst declining quality.

Willingness to pay for ITM vaccine using BDM mechanism.

- Experimentally estimates the Willingness to pay for vaccine against East Coast Fever using Becker-DeGroot-Marshack mechanism.

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

- Examines the impact of women's empowerment on ECF vaccination decision-making through a lab in the field experiment in Kenya.

Presentations

Can abatement efforts in a CPR promote over-exploitation of the resource?
Western Economic Association International, Portland, OR

Jul 2022

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

- Northwest Development Workshop, Seattle, WA
- Agriculture and Applied Economics Association

May 2024

July 2024

Professional Service

Served on the panel to review the first round of 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

Skills

- 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

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, School of Economic Sciences, Washington State University, anaespinola@wsu.edu

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