

Aditi A Surve

2200 NE Westwood Dr
Pullman, WA, 99163
Citizenship: India
US Visa: F-1 and OPT

Office phone: +1-(509)-339-4051
Cell phone: +1-(509)-339-4051
Email: aditi.surve@wsu.edu

Education

Ph.D. in 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 College, Mumbai (Passed with Distinction)	May 2018

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? (Forthcoming, Environment and Development Economics), with Ana Espinola-Arredondo

- Examines how input appropriations of firms exhibit abatement effort and deteriorate the quality of the resource lead to future CPR over-exploitation using game theory.

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.

Research Experience

Graduate Research Assistant, Washington State University, Pullman, WA	Aug 2022 – Present
--	--------------------

- 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, Washington State University, Pullman, WA	Aug 2020 – Dec 2020
--	---------------------

- 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	Summer 2023
---	-------------

Instructor for EconS 321: Economics of Sports in America, in person and online, Washington State University, Pullman, WA	Fall 2021 and Spring 2022
---	---------------------------

Teaching assistant for EconS 301: Intermediate Microeconomics with Calculus, in person,	Spring 2021
---	-------------

Washington State University, Pullman, WA

- Conducted weekly recitations and tutorial sessions for undergraduate students.
- Graded assignments and exams.

Leadership Experience

SES Student Seminar Chair,

Fall 2022 and Spring 2023

Washington State University, Pullman, WA

- Organized and facilitated weekly seminars for Ph.D. students in the Economics department.

SESGSA Secretary,

Fall 2022 and Spring 2023

Washington State University, Pullman, WA

- Coordinated social and educational events catered to graduate students in a professional capacity.

Awards and Scholarships

- | | |
|---|-------------|
| - School of Economics Sciences Excellence in Research Award | Jul 2022 |
| - 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

Can abatement efforts in a CPR promote over-exploitation of the resource?

- | | |
|---|----------|
| - Western Economic Association International, Portland, OR | Jul 2022 |
| - School of Economic Sciences Student Seminar, WSU, Pullman, WA | Oct 2022 |

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

- | | |
|---|----------|
| - Northwest Development Workshop, Seattle, WA | May 2024 |
| - Agriculture and Applied Economics Association, New Orleans, LA | Jul 2024 |
| - Job market seminar, School of Economic Sciences, WSU, Pullman, WA (forthcoming) | Nov 2024 |

Professional Service

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

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, 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