

Aditi Surve

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EDUCATION

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

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

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

- Instructor, EconS 102: Fundamentals of Macroeconomics** Summer 2023
Online
- Instructor, EconS 321: Economics of Sports in America** Fall 2021 – Spring 2022
In Person and Online
- Teaching Assistant, EconS 301: Intermediate Microeconomics with Calculus** Spring 2021
In Person
- Conducted weekly recitations and tutorial sessions for undergraduate students
 - Graded assignments and exams

LEADERSHIP EXPERIENCE

- SES Student Seminar Chair** Aug. 2022 – May 2023
Washington State University, Pullman, WA
- Organized and facilitated weekly seminars for Ph.D. students in the Economics department
- SESGSA Secretary** Aug. 2022 – May 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

TECHNICAL 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