

Lusi Xie

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Other:   

Summary

- Applied economist with 10 years of professional training
- Seeking an economist position in data-related fields
- Special expertise in survey and experimental design, empirical analysis, research of human behavior
- Strong communication skills developed from teaching and presentation experience
- Ability to work independently or as part of interdisciplinary teams.

Education

Ph.D. in Agricultural and Resource Economics 2020 (Expected)
University of Alberta, Edmonton, Alberta, Canada

- Advanced coursework in microeconomics, econometrics, time series analysis, environmental valuation, price analysis, marketing economics, industrial organization

M.S. in Agricultural and Resource Economics 2014
University of California, Davis, Davis, CA

B.A. in Economics 2013
Sun Yat-sen University, Guangzhou, China

Research Experience

Graduate Research Assistant 2017-present
Resource Economics and Environmental Sociology, University of Alberta

- Examine human choice behavior, incentives and nudges involving the natural environment in interdisciplinary projects with faculty, students, post-docs and policy makers
- Design and administer 3 stated preference surveys on Qualtrics to 10,000 respondents
- Design and implement 2 lab and artefactual field experiments (e.g. public goods game, multi-unit auction) to 200 students and residents on Z-tree
- Analyze primary and secondary data to identify correlation and causality via R, Stata and Matlab using statistical models (e.g. choice models, difference-in-difference methods, count data models)
- Present work at more than 10 academic conferences and stakeholder meetings

Survey Researcher 2015
University of California Cooperative Extension

- Cleaned and analyzed data collected from 4 different surveys via Stata to examine consumer behaviors and attitudes towards local food products in California
- Prepared a protocol on survey data collection to improve the data quality

Leadership Experience

Graduate Teaching Assistant

2016-2019

Resource Economics and Environmental Sociology, University of Alberta

- Assisted in teaching 1 graduate and 2 undergraduate courses ranging in size from 10-120 students. Topics include economic valuation, agricultural economics and statistical analysis.
- Held weekly office hours and led laboratory sessions for groups of 10-40 students. Lab exercises include regression analysis, discrete choice models, travel cost and hedonic property value models
- Supervised students in final projects, graded exams and weekly homework

Guest Lecturer

2018

Resource Economics and Environmental Sociology, University of Alberta

- Solely delivered 3 lectures on agricultural market analysis to 20 undergraduate students
- Prepared course materials and take-home exercises

Private Tutor

2015-2017

Edmonton, Alberta

- Tutored 30 undergraduate students in Edmonton in microeconomics, econometrics, industrial organization, environmental economics, macroeconomics, money and banking

Skills

Software: R, Matlab, Stata, ArcGIS, Limdep, Python, L^AT_EX, SPSS, Z-tree, GAMS,

Languages: Mandarin (Native), English (Fluent), Spanish (Basic), German (Basic)

Publications & Presentations

Publications: 2 working papers and 2 work in progress

Conference Presentations: 8 conference presentations in North America and Europe

Seminar: 1 seminar on human choice behavior at Department of Biology, University of Alberta

Activities & Awards

Winner of 3 travel awards at University of Alberta and Smart Prosperity Institute (2019)

Winner of Government Network of the Rural Policy Learning Commons Policy Brief Award (2018)

Winner of University of Alberta Doctoral Recruitment Scholarship (2015)

Reviewer for academic journals and conference abstracts

Volunteer (e.g. customer service, photography) for various social groups in diverse background

Last updated: August 18, 2019