

Lusi Xie

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Summary

- Applied economist with over 5 years of post-graduate training and professional experience
- Special expertise in human behavior research, survey design and implementation, experimental economics, microeconomic methods and cost benefit analysis
- Strong communication skills developed from presenting in 8 national and international conferences and teaching
- Experience working independently and as part of interdisciplinary teams
- Experience with R and Stata, familiar with Python, Matlab, ArcGIS
- Interested in investigating behavior and decision-making in a data rich environment

Education

Ph.D. in Agricultural and Resource Economics 2020 (Expected)

University of Alberta, Edmonton, Alberta, Canada

- Dissertation: Behavior, Incentives and Natural Environment: Essays on Environmental Valuation
- Advanced coursework in microeconomic theory, 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

- Business coursework in marketing, accounting, finance, strategic management and organization

Research Experience

Graduate Research Assistant 2017-present

Resource Economics and Environmental Sociology, University of Alberta

- Examine human choice behavior and responses to incentives and nudges
- 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)
- Collaborate on interdisciplinary projects with faculty, students, post-docs and policy makers
- 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 the market structure of local food products from producer and consumer behaviors in California
- Prepared a protocol on survey data collection to improve the data quality

Graduate Student Researcher 2014-2015

Agricultural and Resource Economics, University of California, Davis

- Assisted in examining the impacts of China's export restrictions of rare earths on the U.S. economy and trade relations
- Managed the library database through literature review and keywords search

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

Publications

Xie, L., Adamowicz, W, Lloyd-Smith, P. "Spatial and Temporal Response to Incentives" (*Working Paper*)

Pattison-Williams, J, **Xie, L.**, Adamowicz, W, Pybus, M, Hubbs, A. "Challenging Assumptions: An Empirical Analysis of Hunter Response to Chronic Wasting Disease in Alberta" (*Working Paper*)

Xie, L., Adamowicz, W, Kecinski, M. "Incentives for Impure Public Good Contributions and Motivational Crowding: Evidence from Laboratory and Framed Field Experiments" (*Work in Progress*)

Xie, L., Adamowicz, W. "Incentive Compatibility of Responses in Stated Preference Contingent Behavior Tasks" (*Work in Progress*)

Awards & Honors

Smart Prosperity Institute Travel Award

2019

University of Alberta GSA Academic Travel Grant

2019

J Gordin Kaplan Graduate Student Award

2019

Government Network of the Rural Policy Learning Commons Policy Brief Award

2018

University of Alberta Doctoral Recruitment Scholarship

2015

Additional Activities

Reviewer for academic journals and conference abstracts

Active participant of data- and policy- related workshops and competitions

Skills

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

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

Last updated: September 23, 2019