

# 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 Responses 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<sup>A</sup>T<sub>E</sub>X, SPSS, Z-tree, GAMS,

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

Last updated: October 19, 2019