

# Lusi Xie

University of Delaware

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## Research Interests

Primary: Environmental and natural resource economics, Environmental valuation, Behavioral economics  
Secondary: Experimental economics, Applied econometrics, Agricultural economics

## Appointments

**Postdoctoral Researcher**

2021 - Present

*Mentors:* Kent D. Messer and Leah Palm-Forster

Center for Experimental and Applied Economics (CEAE), University of Delaware

Water in the Changing Coastal Environment in Delaware (Project WiCCED)

Center for Behavioral and Experimental Agri-Environmental Research (CBEAR)

## Education

**Ph.D. in Agricultural and Resource Economics**

2021

University of Alberta, Edmonton, Alberta, Canada

*Dissertation:* Three Essays on Behavior, Incentives, Environmental Valuation, and Contributions to Conservation

*Dissertation Committee:* W.L.(Vic) Adamowicz (Chair), Ellen Goddard, Sandeep Mohapatra, Maik Kecinski

**M.S. in Agricultural and Resource Economics**

2014

University of California, Davis, Davis, CA, USA

**B.A. in Economics**

2013

Sun Yat-sen University, Guangzhou, Guangdong, China

## Publications

Pattison-Williams, J, **Xie, L**, Adamowicz, W, Pybus, M, Hubbs, A. (2020) "An Empirical Analysis of Hunter Response to Chronic Wasting Disease in Alberta" *Human Dimensions of Wildlife*. 25 (6), 575-589

## Working Papers

**Xie, L**, Adamowicz, W, Lloyd-Smith, P. "Spatial and Temporal Responses to Incentives: An Application to Wildlife Disease Management" (Revise and resubmit)

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

**Xie, L**, Adamowicz, W. "Temporal Reliability of Contingent Behavior Trip Data in Kuhn-Tucker Recreation Demand Models" (Under review)

**Xie, L**, Adamowicz, W, Kecinski, M, Fooks, J. "Using Economic Experiments to Assess Validity of Stated Preference Contingent Behavior Responses" (Under review)

## Work in Progress

Savchenko, O.M., Rahman, R, **Xie, L**, Palm-Forster, L.H., Messer, K.D. "Encouraging Pro-environmental Behaviors: Power of Testimonials"

## Previous Research Experience

Research Assistant for Dr. W.L. Adamowicz <i>Department of Resource Economics and Environmental Sociology, University of Alberta</i>	2017 – 2020
Survey Researcher for Cindy Fake (Horticulture and Small Farms Advisor) <i>University of California Cooperative Extension</i>	2015
Graduate Student Researcher for Drs. Colin Carter and Richard Sexton <i>Department of Agricultural and Resource Economics, University of California, Davis</i>	2014 – 2015

## Teaching Experience

Guest Lecturer <i>Department of Applied Economics and Statistics, University of Delaware</i>	
Experimental Economics (graduate, 6 students)	2021
Conducting Applied Economics Research (graduate, 7 students)	2021
Teaching Assistant <i>Department of Resource Economics and Environmental Sociology, University of Alberta</i>	
Economic Valuation of Ecosystem Services (graduate, 10 students, overall rating: 4.8/5)	2019 – 2020
Current Economic Issues for Agriculture and Food (undergraduate, 110 students)	2017
Statistical Analysis (undergraduate, 40 students)	2016
Guest Lecturer <i>Department of Resource Economics and Environmental Sociology, University of Alberta</i>	
Food Market Analysis (undergraduate, 40 students)	2018
Teaching Assistant <i>Department of Agricultural and Resource Economics, University of California, Davis</i>	
Personal Finance (undergraduate, 130 students)	2013

## Presentations

Association of Environmental and Resource Economists Conference (scheduled)	2021
Department of Resource Economics and Environmental Sociology, University of Alberta, Canada	2020
Center for Experimental and Applied Economics, University of Delaware, Webinar	2020
Marine Policy Center, Woods Hole Oceanographic Institution, Woods Hole, USA	2020
Department of Resource Economics and Environmental Sociology, University of Alberta, Canada	2019
Canadian Agricultural Economics Society Annual Meeting, Ottawa, Canada	2019
European Association of Environmental and Resource Economists Conference, Manchester, UK	2019
Association of Environmental and Resource Economists Conference, Lake Tahoe, USA	2019
PRION 2019, Edmonton, Canada	2019
Heartland Environmental and Resource Economics Workshop at Illinois, Urbana-Champaign, USA	2018
Agricultural & Applied Economics Association Conference, Washington D.C., USA	2018
Western Agricultural Economics Association Conference, Anchorage, USA	2018
Land Use 2018, Edmonton	2018

## Honors and Awards

University of Alberta Graduate Students Teaching Awards	2020
Alberta Graduate Excellence Scholarship (CAD 12,000)	2020
Smart Prosperity Institute Travel Award (CAD 1,500)	2019
University of Alberta GSA Academic Travel Grant (CAD 500)	2019
J Gordin Kaplan Graduate Student Award (CAD 1,500)	2019
Government Network of the Rural Policy Learning Commons Policy Brief Award (CAD 1,500)	2018
University of Alberta Doctoral Recruitment Scholarship (CAD 30,000)	2015

## Professional Activities

Journal of Choice Modeling (Manuscript Referee), Environmental and Resource Economics (Manuscript Referee), AAEA Annual Conference (2019 and 2021 Abstract Reviewer)

Member of: American Economic Association, Association of Environmental and Resource Economists, European Association of Environmental and Resource Economists, Agricultural and Applied Economics Association, Canadian Agricultural Economics Society

## Skills

*Software:* R, Matlab, Stata, ArcGIS, Limdep, Python, L<sup>A</sup>T<sub>E</sub>X, SPSS, GAMS

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

Last updated: April 8, 2021