

XUEMEI LI

xmeli@ucdavis.edu

530-219-7891

3922 Arroyo Avenue, Davis, CA, 95618

EDUCATION

Ph.D., Applied Economics in Resource and Agriculture, University of California, Davis Expected 2019

M.S., Applied Economics in Resource and Agriculture, University of California, Davis 2014

B.A., Applied Economics, Northwest A & F University, China 2013

Statistical Classes:

- Graduate level statistic classes credited: Probability Theory, Mathematical Statistics, Statistical Learning and Bayesian Method, Econometric Foundations, Econometric Methods, Applied Econometrics, Time Series Econometrics, Cross Section Econometrics, Structural Econometrics, Dynamic Optimization with Economic Applications.
- Audited online classes: Machine Learning (Andrew Ng), A/B Testing (Udacity), SQL for Data Science (Coursera).

WORK EXPERIENCE

Graduate Student Researcher, Department of Agricultural and Resource Economics, UC Davis

Advisor: Richard Sexton 2014 - present

- Led several research projects related to food policies. Used large scale supermarket scanner data and WIC (a food assistance program) redemption data to estimate the causal impacts of various policies on WIC program participation, food cost, and participant satisfaction.
- Served as a lead economist in Oklahoma WIC program study. Employed general difference in difference approach to estimate the long term and short term impacts of electronic benefit transfer on WIC program participation and food cost.
- Used dynamic binary models to examine factors that affect WIC participants' fully utilization of their food benefits.
- Responsible for data cleaning, data analysis, econometric model construction, hypothesis testing, and results visualization.
- Presented main findings in various conferences in the field of applied economics. Organized a track session regarding large scale administrative data utilization in Agricultural and Applied Economics Association Annual Meeting.

Applied Data Scientist and Research Intern, NHH Factory, China June - September 2016

- Used SQL and Tableau to build dashboards to demonstrate company's performance in various aspects.
- Designed and performed several A/B tests to help promote sticker apps. The app conversion rate increased by 12% over 4 months.

Side Project - Estimating Uber Short Term Demand, Davis, CA 2016

- Used machine learning methods to predict the probability of riders who opened the Uber application requesting a ride.

PUBLICATION

Xuemei Li, Tina L. Saitone, Richard J.Sexton, 2018. “Electronic Benefit Transfer and the Women, Infants and Children Participation Rate: Evidence from Oklahoma EBT Transition”. 2018 Annual Meeting, August 5-7, Washington, D.C.273850, Agricultural and Applied Economics Association.

Tina L. Saitone, **Xuemei, Li**, Richard J.Sexton, Patrick McLaughlin, 2019. “Cost Implications of Participant Product Selection in the Women, Infants and Children Program”. Technical report prepared for United States Department of Agriculture, Economic Research Service.

PRESENTATION

Agricultural and Applied Economics Association Annual Meeting. Atlanta, GA.	2019
The 12th Annual Future of Food and Nutrition Research Conference. Boston, MA.	2019
Agricultural and Applied Economics Association Annual Meeting. Washington, D.C.	2018
Giannini Foundation of Agricultural and Resource Economics Student Conference. Berkeley, CA.	2018
Agricultural and Applied Economics Association Annual Meeting. Chicago, IL.	2017

TEACHING EXPERIENCE

Associate Instructor University of California, Davis	June - August 2019
Teaching Assistant University of California, Davis	June - August 2017, 2018

- Taught and TAed Intermediate Microeconomics in 3 summer sessions, Lecture and discussion topics include market imperfection, game theory, consumer behavior, and government policies.
- Highly rated by students for thorough and organized discussion sessions and office hours

PROGRAM SKILLS

Python(Pandas, Numpy, Scipy, Sklearn), SQL, R, STATA, Tableau, PowerBI, Matlab, ArcGIS, Latex

HONORS AND AWARDS

Henry A. Jastro Graduate Research Scholarship Award	2019
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Gifford Center Travel Award	2018
Chinese Government Scholarships	2013-2015
National Scholarship for Outstanding Undergraduate	2013