# KRISTINA A. BISHOP

#### **Contact Information**

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# **Professional Summary**

Dedicated social science researcher and applied econometrician specializing in innovation. Expertise in crafting and analyzing social networks within legal institutions, while using machine learning, data visualization, and textual analysis, to explore the diffusion of innovation, investigate diversity in the legal profession, and reveal the dynamics of legal case networks and industries.

# **Employment**

Research Fellow: Brigham Young University, J. Reuben Clark Law School: 2020 - 2024 Niemi Fellow: George W. Bush Institute and SMU-Economic Growth Initiative: 2018 - 2020

#### Education

Ph.D. in Economics, Southern Methodist University, 2023

M.S. in Statistics, Brigham Young University, 2017

B.S. in Mathematics Education, Brigham Young University, 2015

#### **Publications**

- "The Diffusion of Deal Innovations in Complex Contractual Networks" (with Matthew Jennejohn and Cree Jones) https://papers.ssrn.com/sol3/papers.cfm?abstract $_id = 4313301$
- "Innovation Impact of U.S. Universities," George W. Bush Presidential Center (with J.H. Cullum Clark, Christian T. Blackwell, Vinit Nijhawan, David Overton, Steve Ingram)
- "Household Resilience and Recovery: Income Dynamics in the SIPP" (Job Market Paper)
- "Estimation and Application of Lerner Type Indexes for the Public Sector" (with Rolf G. Färe, Shawna Grosskopf, Kathy Hayes, Bill Weber, and Heike Wetzel) in Market Power, Economic Efficiency and the Lerner Index. World Scientific Publishing Company. (2024)

### Selected Working Papers

- "Intensive Innovation: Unpacking Textual Evolution in Complex Contractual Networks" (with Matthew Jennejohn and Cree Jones)
- "Client Pressure and Persistent Diversity Gaps in the Courtroom" (with Afra Afsharipour and Matthew Jennejohn)
- "Multistate Litigation Networks" (with Elysa Dishman)

# Works in Progress

- "Gender Gaps in IPOs" (with Afra Afsharipour and Matthew Jennejohn)
- "Intergenerational Transmission of Geographical Mobility" (with Omer Ozak).
- "Consumption Smoothing and Family Formation" (with Rocio Madera).

# Research Experience

### Southern Methodist University

- Intergenerational and intragenerational food security in the PSID data compilation with Daniel Millimet
- Stochastic frontier analysis on German theatre data with Kathy Haves
- Natural Language Processing with textual and sentiment analysis for the effect of trust of consumers on company stock prices with Thomas Fomby

#### **Brigham Young University:**

- Machine Learning for pioneer mortality rates with Dennis Tolley
- "Power of the Pill" college gender ratios on income and population distributions with Dave Sims
- Flipped classroom project with Del Scott
- Effectiveness of D-optimal split-plot designs with John Lawson
- Bayesian Probability of Serving Percentages for BYU Tennis Team with Shane Reese
- Analyze the effectiveness of conceptual curriculum for teaching mathematics to high school students with Dawn Teuscher

# Teaching Experience

Brigham Young Unive	ersity
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Econ 110: Principles of Economics, Instructor Summer 2019

Stat 121: Principles of Statistics, TA, 4 terms Fall 2012 - Winter 2014

Stat 201: Statistics for Engineers and Scientists, TA, 4 terms Fall 2014, 2015; Spring 2015, Winter 2016

Stat 230: Design and Analysis of Experiments, TA Spring 2015 Fall 2015 Stat 151: Introduction to Bayesian Statistics, TA

Stat 511: (Grad) Statistical Methods for Research I, TA, 3 Fall 2016, Winter 2015, 2017

Upper Division Mathematics Tutor

Winter 2014

### Southern Methodist University

Teaching Assistant:

ECO 1311: Principles of Microeconomics Fall 2019

ECO 3301: Price Theory Fall 2018, Spring 2019, Fall 2019 ECO 3302: Intermediate Macroeconomics Fall 2017, Spring 2018, Spring 2019, Fall 2019

ECO 5342: (Grad) Experimental & Behavioral Economics Fall 2017, Spring 2018, Fall 2018 ECO 6352: (Grad) Applied Econometric Analysis Spring 2019

ECO 6395: (Grad) Macroeconomic Theory II Spring 2020

### **Invited Presentations and Seminars**

Transformation of Law Firms Conference at the University of Virginia School of Law (remote) 2023:

2022: American Law and Economics Association, NYU-Penn Empirical Contracts Workshop,

BYU Economics Alumni Conference, Seminar at Southern Utah University, BYU Winter Deals

2021: UNIDROT/FAO/IFAD Legal Structure of Agricultural Enterprises Project, SMU Alumni Conf.

2019: Invited lecture (SMU)

### Conference Presentations

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2023: SIPP Virtual Conference

2022: WIP (BYU Law), Brown Bag (SMU)

2021: BYU Law School Faculty Work in Progress Seminar, Southern Economic Association

2020: Southern Economic Association, Three Minute Thesis Competition (SMU) 2019: Brown Bag Seminar (SMU) 2016: Joint Statistical Meetings

2014 - 2017: Student Research Conference (BYU)

# Fellowships, Scholarships, and Awards

Nov 2021	SMU Travel Grant - \$ 750
August 2021	PEO Scholar Award Nomination
2020-2022	Empirical Legal Studies Research Fellowship - \$ 134,000
2019-2020	Albert W. Niemi Center for Economic Growth and Leadership Development Fellow
Nov 2020	Travel Grant for SEA conference - \$750
2015 - 2021	Research and Teaching Assistantship - \$90,000
2015 - 2021	Full-tuition Scholarship - \$115,202
April 2018	Omicron Delta Epsilon National Honor Society in Economics
April 2018	2nd place winner in $4^{th}$ annual Sunfish challenge fly fishing tournament in Athens, TX
June 2017	First Place Team in $6^{th}$ Annual Roosterfish on a Fly Tournament - \$200
March 2016	First Place in Student Research Conference - \$100
2015 - 2017	Statistics Scholarship - \$6,590
2015 - 2016	Brigham Young Scholarship - \$2,576
Spring 2015	Spring Half-tuition scholarship - \$823
April 2015	Honored Senior in Mathematics Education
Dec 2014	Dean's List for the College of Physical and Mathematical Sciences
July 2014	Third Place at World Dance Movement Competition, Scholarship in Senior Division \$100
Spring 2014	Study Abroad Scholarship - \$1,213
Fall 2012	Brigham Young Scholarship - \$1,178
Spring 2012	Spring Academic Scholarship - \$570

# Professional service

2010 - 2012:	BYU Folkdance Club
2016 - 2017:	BYU Women in Economics Club, Analytics Club, Economic Student Association
2017 - 2019:	SMU Honor Council - Member
2018 - 2020:	SMU Latter-Day Saint Student Association- President
2020 - 2021:	BYU Management Society- Photography Chair & Young Professional Co-Chair
2018 - 2021:	SMU Economics Graduate Club- President
2021 - 2022:	SMU Economics Graduate Club- Executive Board Member, Mentor, Virtual Representative
Journal Refer	ree: Economics Letters
Affiliations:	AEA, ALEA, SEA

# **Programming Skills**

Python, R, MATLAB, Stata, LATEX, SAS, SPSS, JMP, Microsoft Office, Fortran

#### References

Professor Matthew Jennejohn, Brigham Young University, J. Reuben Clark Law School, jennejohnm@law.byu.edu

Professor Cree Jones, Brigham Young University, J. Reuben Clark Law School, creejones@law.byu.edu

Professor Daniel Millimet, Southern Methodist University, Department of Economics, millimet@smu.edu