

ANDREW E. ANDERSON

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Google Scholar:
<https://scholar.google.com/citations?user=sE1rh-dYAAAAJ&hl=en>

EDUCATION

Kansas State University **Manhattan, KS**
Ph.D. Agricultural Economics Expected Summer 2023
Dissertation: Essays on Cattle Supply Dynamics and Consumer Demand Under Loss Aversion

Purdue University **West Lafayette, IN**
M.S. Agricultural Economics 2019
Thesis: The Impact of Cover Crops on Farm Finance and Risk: Insights from Indiana Farm Data Using Econometric and Stochastic Methods.

Brigham Young University - Idaho **Rexburg, ID**
B.S. Agricultural Economics 2017

EMPLOYMENT

Kansas State University **Manhattan, KS**
Research Assistant August 2020 – Present

- Cultivated research interests in the economics of meat and livestock and applied price analysis.

Trouw Nutrition **Indianapolis, IN**
US Marketing Data Analyst March 2019 – August 2020

- Provided data and analysis of market conditions and competitive environment.
- Managed and improved internal data sources, developed dashboards, and created reports.
- Continued analytics support on a consulting basis to the present.

Purdue University **West Lafayette, IN**
Research Assistant August 2017 – May 2019

- Investigated profitability and risk impacts of cover crops for corn-soybean producers in Indiana.

Brigham Young University-Idaho **Rexburg, ID**
Research Assistant September 2016 – April 2017

- Practiced analytical skills while studying links between socio-economic characteristics and food disease outbreaks.

Sun World International **Bakersfield, CA**
Special Projects Intern August 2015 – December 2015

- Conducted analysis for special projects; presented results and recommendations to management.
- Recommended process efficiency measures with potential for ~\$2 million annual cost savings.

RESEARCH & EXTENSION

Primary Research Interests

Food and Agricultural Marketing, Economics of Agricultural Production, Consumer Demand Analysis, Applied Price Analysis, Applied Econometrics, Economics of Risk and Uncertainty, Applied Industrial Organization

Peer Reviewed Journal Articles

Anderson, A. E., Hammac W. A., Stott, D. E., & Tyner, W. E. (2020). *An Analysis of Yield Variation Under Soil Conservation Practices*. *Journal of Soil and Water Conservation*. 75(1): 103-111, doi: 10.2489/jswc.75.1.103

Thesis & Dissertation

Anderson, A. (2019). *The Impact of Cover Crops on Farm Finance and Risk: Insights from Indiana Farm Data Using Econometric and Stochastic Methods*. MS Thesis, Department of Agricultural Economics, Purdue University, West Lafayette, Indiana

Working Papers

Anderson, A. E., Tonsor, G. T., Xia, T. (2022). *Reference Price Effects and Loss Aversion for Meat and Alternative Proteins*. Manuscript in preparation.

Anderson, A. E., Tonsor, G. T., Schroeder, T. C., Hefley, T. (2022). *Impact of Futures Volatility on Cash Price Discovery for Feeder Cattle*. Manuscript in preparation.

Anderson, A. E., Tonsor, G. T., Bachmeier, L. J. (2022). *Impact of Slaughter Capacity Utilization on The Value of Cattle and Beef*. Manuscript in preparation.

Anderson, A. E., Tonsor, G. T., (2022). *Dynamic Model of Cattle Supply Under Uncertainty*. Manuscript in preparation.

Extension Articles

Luke, J. R., **Anderson, A. E.**, Tonsor, G. T. (2022). *An Updated Evaluation of the U.S. Cattle Cycle*. AgManager. <https://www.agmanager.info/livestock-meat/production-economics/updated-evaluation-us-cattle-cycle>.

Other Papers

Anderson, A. E., Barrus, D. (2017). *A Study of Foodborne Illness*. Unpublished Manuscript. Department of Economics, Brigham Young University-Idaho, Rexburg, Idaho.

Anderson, A. E. (2017). *Price Transmission and Collusion: The Case of the US Beef Packing Industry*. Unpublished Manuscript. Department of Agricultural Economics, Purdue University, West Lafayette, Indiana.

PRESENTATIONS

Conference Presentations

Anderson, A. E., Tonsor, G. T., (2022, April 25-26). *Impact of Slaughter Capacity Utilization on The Value of Cattle and Beef*. [Selected Paper]. NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Saint Louis, Missouri. [URL]

Anderson, A. E., Tonsor, G. T., Schroeder, T. C., Hefley, T. (2021, August 1-3). *Impact of Futures Volatility on Cash Price Discovery for Feeder Cattle*. [Selected Paper]. Annual Meetings of the Agricultural and Applied Economics Association, Austin, Texas. <https://ageconsearch.umn.edu/record/312906?ln=en>

Other Presentations

Anderson, A. E., Tonsor, G. T., (2022, April 1). *Impact of Slaughter Capacity Utilization on The Value of Cattle and Beef*. [Invited Presentation]. Graduate Student Section—Agricultural and Applied Economics Association, Webinar

Anderson, A. E., Tonsor, G. T., Schroeder, T. C., Hefley, T. (2021, August 19-20). *Impact of Futures Volatility on Cash Price Discovery for Feeder Cattle*. [Invited Presentation]. Kansas State University Risk and Profit Conference, Manhattan, Kansas. <https://agmanager.info/events/risk-and-profit-conference/previous-conference-proceedings/2021-risk-and-profit-conference-11>

Anderson, A. E., (2019, July). *The Impact of Cover Crops on Farm Finance and Risk: Insights from Indiana Farm Data Using Econometric and Stochastic Methods*. [M.S. Thesis Defense]. Department of Agricultural Economics, Purdue University, West Lafayette, Indiana.

Anderson, A. E., (2018, June). *Price Transmission and Collusion: The Case of the US Beef Industry*. [Research Presentation]. USDA-Economic Research Service Ag Scholars program, Washington DC.

Anderson, A. E., (2017, July). *Price Transmission and Collusion: The Case of the US Beef Industry*. [Selected Paper]. Brigham Young University-Idaho Research and Creative Works Conference, Rexburg, Idaho.

TEACHING & MENTORING

Kansas State University

Teaching Assistant—AGEC 501 Data Analysis and Optimization

- Several in-class lectures, weekly tutoring, and grading.

Instructor—AGEC 115 Introduction to Microsoft Excel

- Fall 2022 semester

Brigham Young University-Idaho

Teaching Assistant—ECON 151 Principles of Macroeconomics

Mathematics Tutor—MATH 100A Arithmetic, MATH 100B Beginning Algebra, MATH 101 Intermediate Algebra, MATH 108 Math for the Real World, MATH 109 Precalculus, MATH 110 College Algebra, MATH 111 Trigonometry, MATH 112 Calculus I, MATH 113 Calculus II, MATH 214 Multivariate Calculus, MATH 221 Statistics.

- Personal one-on-one tutoring and mentoring for remedial students (100-101); Math Lab staff for other courses (108-221).

VOLUNTEER EXPERIENCE

Vice-President

Graduate Students in Agricultural Economics at Kansas State University

- Served as president of the GSAE-Case Study Club
- Served as representative to Graduate Student Council

Journal of Soil and Water Conservation

- Reviewed articles relating to the economics of cover crops.

President

BYU-Idaho Agribusiness Student Society

- Planned, organized, and led activities to provide students with educational and networking opportunities.

Volunteer Representative

The Church of Jesus Christ of Latter-day Saints

- Served as a full-time church missionary for two years in Richmond, Virginia.

TECHNICAL SKILLS & EXPERTISE

R (advanced)

STATA (intermediate)

SASS (beginning)

Python (beginning)

Microsoft Excel (advanced)

Microsoft Power BI (intermediate)

Web Scraping

Data Wrangling and Manipulation

Applied Time Series Analysis

Cross Sectional Analysis

Panel Data Analysis

Discrete Choice Modeling

Spatial Analysis

Analysis of Text Data

Stochastic Simulation Modeling

Dynamic Optimization Modelling

SCOLARSHIPS & AWARDS

Agricultural Scholar 2018, 2021

Farm Foundation/USDA-Economic Research Service

Timothy R. Donoghue Scholarship 2020-2022

Kansas State University

Agricultural Economics Emeritus Faculty and Friends Scholarship 2020-2023

Kansas State University