

ELLIOTT J. DENNIS

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CAREER OBJECTIVE

Solve relevant issues intersecting livestock producers and policy makers by integrating animal health epidemiology with applied economic theory

EDUCATION

Kansas State University 2015-2019

Doctor of Philosophy, Economics GPA: 3.7/4.0

Dissertation: Economic Impacts of Metaphylaxis Use in US Feedlots: Producer Decisions, Policy, and a Market Alternative

Committee: Ted Schroeder (Chair), Glynn Tonsor, Dustin Pendell, Jesse Tack, and David Renter (Outside committee member)

Utah State University 2013-2015

Master of Science, Applied Economics GPA: 3.85/4.0

Thesis: Composite Forecasting Feeder Cattle Basis

Committee: DeeVon Bailey (Chair), Dillion Feuz, Man-Keun Kim, and Brett Bowman (Outside committee member)

Royal Agricultural University 2013-2015

Master of International Food and Agribusiness First class honours

Cambridge University 2012

Direct Enrollment, Psychology and Economics First class honours

Brigham Young University at Idaho 2010-2013

Bachelor of Science, Industrial Psychology GPA: 3.90/4.0

WORK EXPERIENCE

University of Nebraska - Lincoln 2019-Present

Assistant Professor, Livestock Marketing 60% Extension / 40% Research

Developing a high-impact, nationally and internationally recognized extension and research program in the economics of livestock marketing and risk management, including, marketing of livestock under different contract specifications, outlook reports on livestock prices and markets; the use of derivatives, contracts, and insurance as risk management tools; and public policy.

Kansas State University 2015-2019

Graduate Research Assistant 100% Research

Worked as part of a research team on projects with faculty members in Agricultural Economics and Veterinary Medicine. Research areas included, but were not limited to, economics of contagious livestock diseases and animal health enhancement, meat food safety economics, consumer preferences for meat products, and risk management in livestock and meat production and marketing.

Utah State University
Graduate Research Assistant

2013-2015
100% Research

Worked as part of a research team on projects with faculty members in Applied Economics, Animal Science, and Ecology. Research areas included, but were not limited to, marketing, risk management, survey design, and international development of domestic and international livestock producers.

GRANTS

Dennis, E. (Principal Investigator), 130968, Contract, "WTP for Antibiotic Residue Meat", Nebraska Beef Council, Industry, Research, Submitted. (sub: July 19, 2019). \$35,000

JOURNAL PUBLICATIONS

Dennis, E., T. Schroeder, D. Renter, and D. Pendell. 2018. Value of Arrival Metaphylaxis in U.S. Cattle Industry. *Journal of Agricultural and Resource Economics* 43(2):233-250. (link)

Dennis, E., T. Schroeder, and D. Renter. 2020. Net return distributions when metaphylaxis is used to control bovine respiratory disease in high health risk cattle (forthcoming at *Translational Animal Science*).

JOURNAL ARTICLES UNDER REVIEW

Dennis, E., G. Tonsor, J. Lusk. Choosing Quantities Impacts Consumers Willingness to Pay Measurements (revise and resubmit at *European Review of Agricultural Economics*)

Ajewole, K., **E. Dennis**, T. Schroeder, and J. Bergtold. Food and Nonfood Risks: A Relative Risk Valuation. (under review at *Journal of Agricultural Economics*)

Chen, B., **E. Dennis**, A. Featherstone. Farm Productivity and Weather Variation: An Empirical Analysis of Kansas Wheat Farms (under review at *Journal of Agricultural and Resource Economics*)

Dennis, E., K. Ajewole, T. Schroeder, and J. Bergtold. Consumer Valuation of Antimicrobial Residue in Meat Products (invited submission to *Frontiers in Veterinary Medicine*)

WORKING PAPERS

Dennis, E., J. Tack, T. Hefley, and N. Hendricks. Soil Conditioned Climate Effects Matter when Modeling Crop Yields (Second draft)

Dennis, E., J. Tack, T. Schroeder, and B. White. Cattle Morbidity and Climate Variability (First draft)

Dennis, E., Y.M. Chang, J. Tack, and T. Schroeder. A Market Alternative to Counter Antimicrobial Resistance: Case of Metaphylactic Use in U.S. Feedlots (First draft)

Dennis, E. and N. Hendricks. Estimating Producer Losses from Antimicrobial Resistance (First draft)

DEVELOPING PAPERS

Ajewole, K., **E. Dennis**, T. Schroeder, and J. Bergtold. Risk Gap Valuation (Modeling)

E. Dennis, M. Hille, and D. Loy. Economic Impact of Pink Eye on the Beef Sector (Modeling)

Batie, C., B. Lubben, and **E. Dennis**. Do State-funded Promotion Programs Work: A Case of the Nebraska Livestock Friendly Designation Program (Modeling)

Neill, C., **E. Dennis**, and F. Ramsey. Distributional Changes of Antimicrobial Resistance Across Species and Bacteria (Modeling)

EXTENSION PUBLICATIONS

Dennis, E. and D. Aiken. January 2020. Financial Impact when Grain Operations add a Contract Hog Operation. Under Review

Dennis, E.. September 2019. National Changes in Intensity and Type of Antimicrobials used for Metaphylaxis. *Nebraska Beef Watch*, ([link](#))

Dennis, E.. August 2019. Nebraska Beef Council - Livestock Demand and Outlook for Nebraska

Dennis, E. July 2019. Antimicrobials Used for Metaphylaxis and Implications for Product Diversification in the Animal Health Sector ([link](#))

Dennis, E., T. Schroeder, D. Renter, and D. Pendell. June 2018. Value of Metaphylaxis to the U.S. Fed Cattle Industry ([link](#))

- *Picked up by:* Beef Magazine ([link](#)), High Plains Journal ([link](#)), Feedstuffs ([link](#)), Cattle Range ([link](#)), Bovine Veterinarian ([link](#)), Meat Import Council of America ([link](#)), KC Animal Health ([link](#))

POSTER PRESENTATIONS

Academic

Chen, B., **E. Dennis**, A. Featherstone. Farm Productivity and Weather Variation: An Empirical Analysis of Kansas Wheat Farms. Selected Poster at *American Journal of Agricultural Economics Association* Annual Meeting, Atlanta, GA, July 21-23, 2019

Ajewole, K., **E. Dennis**, T. Schroeder, and J. Bergtold. Risk Gap Valuation. Selected Poster at *American Journal of Agricultural Economics Association* Annual Meeting, Atlanta, GA, July 21-23, 2019

Ajewole, K., T. Schroeder, and **E. Dennis**. Heterogeneity in Risk Perception in the United States. Selected Poster at *Western Agricultural Economics Association* Annual Meeting, Lake Tahoe, NV, July 9-11, 2017.

Extension

None

ORAL PRESENTATIONS

Academic

Dennis, E., J. Tack, T. Hefley, and N. Hendricks. Soil Conditioned Climate Effects Matter when Modeling Crop Yields. Selected Paper at *American Journal of Agricultural Economics Association* Annual Meeting, Atlanta, GA, July 21-23, 2019

Dennis, E., K. Ajewole, T. Schroeder, and J. Bergtold. Consumer Valuation of Antimicrobial Residue in Food Products. Selected Paper at *International Society of Economics and Social Sciences for Animal Health* Annual Meeting, Atlanta, GA, July 20, 2019

Dennis, E., J. Tack, T. Schroeder, and B. White. Cattle Morbidity and Climate Variability. Selected Paper at *Western Agricultural Economics Association* Annual Meeting, Coeur d'Alene, ID, June 30 - July 2, 2019

Dennis, E., T. Schroeder, D. Renter, and D. Pendell. Eliminating Arrival Antibiotic Treatment Economic Impacts on U.S. Feedlots: Industry Impacts. Selected Paper at *Southern Agricultural Economics Association* Annual Meeting, Mobile, AL February 4-6, 2017.

Dennis, E., T. Schroeder, and D. Renter. Eliminating Arrival Antibiotic Treatment Economic Impacts on U.S. Feedlots. Selected Paper for presentation at *American Agricultural Economics Association* Annual Meeting, Boston, MA, July 31 - August 2, 2016.

Extension

E. Dennis. Managing Cow-calf Price Risk: How rare was 2019 and what to expect in 2020. Invited Presentation at *Farm Bureau - Logan and McPherson County*, Stapleton NE, January 2020.

E. Dennis. Cattle Market Outlook. Invited Presentation at *Farm Bureau - Logan and McPherson County*, Stapleton NE, January 2020.

E. Dennis. Managing Cow-calf Price Risk. Presentation at *Nebraska Livestock and Risk Management Seminar Series*, Broken Bow NE, December 2019.

E. Dennis. Transitioning from PhD to Professor: What I wish I would have known!. Invited Presentation at *CASNR Graduate Student Committee Roundtable*, Lincoln NE, November 2019.

E. Dennis. Cattle Industry: What is on the horizon?. Invited Presentation at *Purina Feeding*, Holdrege NE, November 2019.

E. Dennis. Cattle Industry: What is on the horizon?. Invited Presentation at *LEED Scholars*, Lincoln NE, November 2019.

E. Dennis. Managing Cow-calf Price Risk. Presentation at *Nebraska Livestock and Risk Management Seminar Series*, Arthur NE, November 2019.

E. Dennis. Managing Cow-calf Price Risk. Presentation at *Nebraska Livestock and Risk Management Seminar Series*, Sydney NE, November 2019.

E. Dennis. Managing Cow-calf Price Risk. Presentation at *Nebraska Livestock and Risk Management Seminar Series*, Chadron NE, November 2019.

E. Dennis. Livestock Market Outlook: Opportunities and Challenges. Invited Presentation at *Tri State Crop Insurance Meetings*, Grand Island NE, October 2019.

E. Dennis. Agricultural Economics at University of Nebraska - Lincoln. Presentation at *Husker Harvest Days*, Grand Island NE, September 2019.

E. Dennis. Cow-calf Profitability and Risk Management. Invited Presentation at *Gudmundson Laboratory - Nebraska Ranch Practicum*, Whitman, NE, August 2019.

E. Dennis and B. Lubben. Agriculture Outlook for Prospective Hog Barn Investment. Invited Presentation at *AFAN Meeting on Swine Production in Nebraska*, Fullerton NE, July 2019.

E. Dennis and R. Tigner. Livestock Marketing 101. Presentation at *Annie's Project*, North Platte, NE, June, 2019.

E. Dennis. Evaluating Animal Health Policies: Facts, Figures, and Opportunities Using Livestock Production Data. Selected Presentation at *United States Department of Agriculture & Farm Foundation* Meeting on Challenges to Changing Antibiotic Use in Food Animal Production, Washington D.C., September 6-7, 2018.

Dennis, E. and T. Schroeder. Industry-level Impacts of Arrival Metaphylaxis. Selected Presentation at *Zoetis* Staff Training, Manhattan, KS, August 24, 2018.

Dennis, E. Economist's perspective of industry-level impacts of health and performance technologies. Selected Presentation at *Academy of Veterinary Consultants* Triannual Meeting, Dallas, TX, April 12-13, 2018.

MEDIA PUBLICATIONS

Nebraska Cattlemen's Magazine

Dennis, E. Value Added Fed and Feeder Cattle Practices: Are they Paying?. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, February 2020. ([link](#))

Dennis, E. Beef Cow and Heifer Estimates Pointing towards the January Cattle Inventory Report. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, January 2020. ([link](#))

Dennis, E. Domestic Fed and Feeder Cattle Prices are Supported by Export Demand. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, December 2019. ([link](#))

Dennis, E. Ethanol and Distiller Grain Prices Through Time. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, November 2019. ([link](#))

Dennis, E. Nebraska Feedlots Place Heavier Cattle to Narrow the Cattle Feeding Gap with Texas. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, October 2019. ([link](#))

Dennis, E. Northern Plains Livestock Operations are at a Wage Disadvantage Compared to Crop Operations. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, September 2019. ([link](#))

Dennis, E. Wholesale Primal Products Influenced by Export Demand. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, August 2019. ([link](#))

Dennis, E. The Nature and Extent of Captive Supplies. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, June/July 2019. ([link](#))

K. McCulloch and **E. Dennis.** 2019 Cattle Supply Outlook. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, April/May 2019. ([link](#))

K. McCulloch and **E. Dennis.** Nebraska Heifer Price Discounts. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, March 2019. ([link](#))

J. Robb and **E. Dennis.** Supply and Demand Determine Market. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, February 2019. ([link](#))

J. Robb and **E. Dennis.** Making 2018 Calf Prices. Magazine Article in *Nebraska Cattlemen's Monthly Magazine*, January 2019. ([link](#))

In The Cattle Markets

E. Dennis. Trade and Animal Health Practices: Are they paying? *In The Cattle Markets* weekly analysis, December 23, 2019

E. Dennis. Cow-calf Producers Responding to Market Events and the Beginning of a Beef Cow Selloff *In The Cattle Markets* weekly analysis, November 11, 2019

E. Dennis. Ethanol Movements Impact Distiller Grains as an Input to Cattle Feeding *In The Cattle Markets* weekly analysis, September 30, 2019

E. Dennis. Macroeconomic Volatility and Industry Specific Shocks Pressure Down Cattle Prices. *In The Cattle Markets* weekly analysis, August 19, 2019

E. Dennis. Finding a Bottom Through Grains and Holiday Meat Demand. *In The Cattle Markets* weekly analysis, July 8, 2019

Radio and Podcasts

Dennis, E.. November 2019. Changing Feedlot Placement Weights in Nebraska. Podcast on *Beef Watch*, Lincoln NE (link)

Dennis, E.. September 2019. Change in Metaphylaxis Use over Time. Podcast on *Beef Watch*, Lincoln NE (link)

Dennis, E. and T. Schroeder. June 2018. K-State study looks at the economic impact of using antimicrobials. Radio Interview on *Agriculture Today*, Manhattan, KS, June 25, 2018. (link)

Television

Dennis, E.. Cow Calf Marketing. TV interview on *Farm Bureau*, Fullerton NE, January 2020.

Dennis, E.. Cow Calf Marketing. TV interview on *KNOP*, Fullerton NE, January 2020. (link)

Dennis, E.. Cattle Market Outlook. TV interview on *Market Journal*, Lincoln NE, November 2019. (link)

Dennis, E.. Impacts of Holcomb Packing Plant Fire. TV interview on *KRVN*, Grand Island NE, September 2019. (link)

Dennis, E.. Issues in the Pork Market. TV interview on *KRVN*, Fullerton NE, July 2019.

Dennis, E.. Issues in the Pork Market. TV interview on *Bloomfield Ag News*, Fullerton NE, July 2019.

STUDENTS ADVISING/MENTORING

Master of Science, Agricultural Economics

Logan Kalkowski

Master of Science (Committee Member)

2019-present

First Job: Current Student

Cicely Batie

Master of Science (Committee Member)

2019-present

First Job: Current Student

Bachelor of Science, Agricultural Economics

Adrianna Meiergerd

Bachelor of Science (Major Advisor)

2019-present

First Job: Current Student

Stephanie Sherman

Bachelor of Science (Major Advisor)

2020-present

First Job: Current Student

ON CAMPUS INSTRUCTION

Principle Instructor

None

Guest Lectures

None

HONORS, AWARDS, AND RECOGNITION

Livestock Marketing Fellowship <i>Doctorate Research Funding</i>	2015-2019 \$120,000
Timothy R. Donoghue Graduate Scholarship <i>Graduate School Service Scholarship</i>	2016-2017 \$5,000
Don Ming Wang Scholarship <i>Graduate Student Scholarship</i>	2014-2015 \$10,000
Hung Wu Ching Scholarship <i>Graduate Student Scholarship</i>	2013-2014 \$10,000
Thomas E. Ricks Scholarship <i>Undergraduate Scholarship</i>	2010-2013 \$10,000
Rhodes Scholar <i>Nominee</i>	2012
Idaho Rotary Scholar <i>Nominee</i>	2012
Wrestling Academic All American	2008
Boy Scouts of America - Eagle Scout	2005

INVOLVEMENT AND SERVICE

National

Livestock Marketing Information Technical Advisory Board 2019-present
Member *Denver CO*

USDA/OCE Users Call 2019-present
Member *Washington D.C.*

University

Nebraska Agricultural Education Career Development 2019-present
Co-Superintendent, Farm and Agribusiness Management *Lincoln, NE*

Department of Agricultural Economics 2019-present
Committee Member, Social Committee *Lincoln, NE*

Kansas State Graduate Student Council (GSC) 2017-2018
Chair, Fundraising Committee *Manhattan, KS*

Kansas State Graduate Student Council (GSC) <i>Treasurer</i>	2016-2017 <i>Manhattan, KS</i>
Graduate Students in Agricultural Economics (GSAE) <i>Graduate Student Council Representative</i>	2016-2017 <i>Manhattan, KS</i>
<u>Community</u>	
Guillen-Barre Support Group (GBS) <i>Support Group Mentor</i>	2015-present <i>Midwest Region, USA</i>
Boy Scouts of America (BSA) <i>Adult Leader</i>	2018-2019 <i>Manhattan, KS</i>
<u>Journal Reviewer</u>	
Journal of Agricultural, Food and Industrial Organization <i>Number of Reviews: 1</i>	2019-present
Livestock Science <i>Number of Reviews: 1</i>	2019-present
Journal of Veterinary Preventative Medicine <i>Number of Reviews: 2</i>	2019-present
<u>Professional Memberships</u>	
Agriculture and Applied Economics (AAEA)	2015-present
Western Agricultural Economics Association (WAEA)	2015-present
Southern Agricultural Economics Association (SAEA)	2016-2017

TECHNICAL STRENGTHS

Modeling and Analysis	R (advanced), STATA (intermediate)
Software & Tools	MS Office (Advanced), Latex (intermediate), R-markdown (intermediate)

LANGUAGES

English	Native
Portuguese	Intermediate working proficiency
German	Beginning working proficiency

PERSONAL INFORMATION

US/EU Work Authorization

Married, 2 children

Hobbies: entrepreneurship, woodworking, baseball, fishing, travel