

Hannah E. Shear

EDUCATION

Ph.D.	Agricultural Economics, Kansas State University	2021
M.S.	Agricultural Economics, University of Arkansas	2015
I.M.R.D.	International Masters in Rural Development, European Consortium	2015
B.S.	Animal Science, University of Kentucky	2012
B.S.	Agricultural Economics, University of Kentucky	2012

EXPERIENCE

Assistant Professor Department of Agricultural Economics Oklahoma State University	August 2021 - present
Graduate Research & Teaching Assistant Department of Agricultural Economics Kansas State University	August 2017 – August 2021
Instructor Agricultural Economics and Agribusiness Department University of Arkansas	August 2015 - August 2017
Faculty Extension Educator Beginning Farmer Success Program Coordinator University of Maryland	August 2014 - August 2015
Graduate Research Assistant Agricultural Economics and Agribusiness Department, University of Arkansas	August 2012 - May 2014

CURRENT DUTIES

65% Teaching, 35% Research

TEACHING ACTIVITIES

COURSES TAUGHT

Assistant Professor Agricultural Economics & Agribusiness Department Oklahoma State University		August 2021 – present
AGEC 3423	Farm and Agribusiness Management Spring 2022 95 students	Instructor Rate: 4.37
AGEC 3603	Agricultural Finance Spring 2022 49 students	Instructor Rate: 4.30
AGEC 1113	Introduction to Agricultural Economics Fall 2022 163 students Spring 2022 124 students Fall 2021 145 students	Instructor Rate: 4.63 Instructor Rate: 4.43
AGEC 1101	Agricultural Economics and Agribusiness Experience Fall 2022 134 students Fall 2021 115 students	Instructor Rate: 4.24

Quiz Bowl	Undergraduate Academic Quiz Bowl Team Fall 2022	12 students
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Instructor Agricultural Economics & Agribusiness Department Kansas State University		January 2020 – May 2020
AGEC 115	Decision Tools for Agricultural Economics & Agribusiness Spring 2020 Transition to Online During Covid-19 Pandemic	22 students Instructor Rate: 4.8

Instructor Agricultural Economics & Agribusiness Department University of Arkansas		August 2015 – August 2017
AGEC 2142/L	Agribusiness Financial Records Spring 2017 Spring 2017 – Lab Fall 2016 Fall 2016 - Lab Spring 2016 Fall 2015 Fall 2015 - Lab	49 students 49 students 57 students 57 students 38 students 53 students 53 students Instructor Rate: 4.87 Instructor Rate: 4.85 Instructor Rate: 4.69 Instructor Rate: 4.70 Instructor Rate: 4.23 Instructor Rate: 4.67 Instructor Rate: 4.27
AGEC 3303	Food and Agricultural Marketing Summer 2017 - Online Fall 2016 Summer 2016 Fall 2015	27 students 62 students 11 students 44 students Instructor Rate: 4.57 Instructor Rate: 4.91 Instructor Rate: 4.75 Instructor Rate: 4.65
AGEC 3403	Farm Business Management Spring 2017 Fall 2016 Spring 2016 Fall 2015	82 students 55 students 60 students 58 students Instructor Rate: 4.89 Instructor Rate: 4.59 Instructor Rate: 4.18 Instructor Rate: 4.74
AGEC 4163	Agricultural and Rural Development Summer 2017 Summer 2016	32 students 35 students Instructor Rate: 4.88 Instructor Rate: 4.70
AGEC 2103	Principles of Macroeconomics Spring 2017	86 students Instructor Rate: 3.85

UNDERGRADUATE ADVISING

Fall 2021	8 students
Spring 2022	15 students
Fall 2022	35 students

GRADUATE ADVISING

Student	Degree	Graduation/Exp. Graduation	Role
Hannah Baker	M.S. Ag. Econ	May 2023	Chair/Adviser
Kristina Harwell	M.S. Ag. Econ	May 2023	Co-Adviser
Tuff Johnson	M.S. Ag. Econ	May 2024	Chair/Adviser
Matthew Melchor	M.S. Ag. Econ	May 2024	Chair/Adviser
Grace Baxter	M.S. Ag Econ	May 2023	Committee Member

PROFESSIONAL DEVELOPMENT IN TEACHING & LEADERSHIP

AAEA Leadership Workshop, AAEA 2022, Anaheim, California, July 30, 2022
 Council on Agribusiness Soft/Essential Skills Confab, Oregon State University, Summer 2022
 Diversity & Inclusive Teaching Workshop Course, Oklahoma State University, Spring 2022
 Scholarship of Teaching & Learning Workshop Course, Oklahoma State University, Fall 2021
 Peer Mentoring, Ferguson College of Agriculture, Oklahoma State University, Fall 2021
 Early Career Faculty Support Workshop Series, Oklahoma State University, Fall 2021
 Graduate Student Leadership Development Program, Kansas State, Spring 2020
 Teaching & Learning Center Professional Development Certificate, Kansas State, May 2020
 Professional Development Certificate, Graduate Student Council, Kansas State, 2020

JOURNAL ARTICLES – Peer Reviewed

1. Marshall, T., A. Hagerman, **H.E. Shear**, K. Burdine, and B. Jablonski. “Building Up the Next Generation of Extension Specialists.” Volume 4, July 2022. *Applied Economics Teaching Resources*. https://www.aea.org/UserFiles/file/AETR_2022_013RProofFinal.pdf
2. **Shear, H.E.** and D.L. Pendell. (Dec. 2020). “Economic Cost of Traceability in U.S. Beef Production.” *Frontiers in Animal Science*: 1:552386. doi: 10.3389/fanim.2020.552386
3. **Shear, H.E.** “A Commentary on Extension Education Programming: An Overview of the CattleTrace Extension Program and Graduate Extension Education.” *Applied Economics Teaching Resources*, Volume 2, October 2020. [10.22004/ag.econ.307150](https://www.aea.org/UserFiles/file/AETR_2020_033ProofFinal.pdf)
https://www.aea.org/UserFiles/file/AETR_2020_033ProofFinal.pdf

Submitted Articles under review

1. **Shear, H.E.**, and C. Arnold. “Experience vs Expertise: Are we preparing graduate students for careers in teaching and extension?” *Applied Economics Teaching Resources*. In review.
2. L. Lambert, **Shear, H.E.**, and J. Warren. “Grower Production and Economic Efficiency in Semi-Arid Southern Great Plains”. ASFMRA. In review.
3. Rich, K., K. Aleks Schaefer, Bhawna Thapa, Amy D. Hagerman, and **Hannah E. Shear**. 2022 ReSAKSS Annual Trends and Outlook Report. Chapter 4: An Overview of Meat Processing in Africa. Accepted.

Working Papers

1. **Shear, H.E.**, R. Nehring, and D.L. Pendell. “Cow-Calf Production Efficiency in the United States”.
2. F. Tsiboe and **H.E. Shear**. “The Effect of Warming Temperatures on the Queen of Forages: Alfalfa”.
3. **Shear, H.E.** and C. Arnold. “Experience vs Expertise: How are we preparing graduate students?”.

4. Baker, H. and **H.E. Shear**. “Economics Analysis of Patch-Burning and Grazing on the Great Plains.”
5. Johnson, T. and **H.E. Shear**. “Cost-Benefit of Growth Promoters on Soybeans in the Plains”.

PROFESSIONAL CONFERENCE MEETINGS: PRESENTATIONS & POSTERS

*indicates presenter

1. **Shear, H.E.***. Preparing Graduate Students to Teach. Track Session Organizer & Presenter. *Agricultural and Applied Economics Association Annual Meeting*. Anaheim California. July 31 – August 2, 2022.
2. **Shear, H.E.***. Contemporary Curriculum and Teaching Tools in Farm Management. Track Session Organizer & Presenter. *Managing our Farm Management Classrooms: Making Curriculum Decisions. Agricultural and Applied Economics Association Annual Meeting*. Anaheim California. July 31 – August 2, 2022.
3. Lambert, L., **H.E. Shear***, & J. Warren. Lessons Learned from a Producer Competition: Comparing Technical and Economic Efficiency of Agricultural Competition. Poster. *Agricultural and Applied Economics Association Annual Meeting*. Anaheim California. July 31 – August 2, 2022.
4. **Shear, H.E.*** & L. Lambert, & J. Warren. Managing Risk with Crop Insurance: What Can We Learn from a Producer Competition? *Western Agricultural Economics Association Annual Conference*. Santa Fe, New Mexico. June 23-26 2022.
5. Baker, H.* & **H.E. Shear**. Economic Analysis of Pyric-herbivory Rangeland Management in the Great Plains *Western Agricultural Economics Association Annual Conference*. Santa Fe, New Mexico. June 23-26 2022.
6. Lambert, L*., **H.E. Shear**, and J. Warren. Economic Value of Irrigation Water in Oklahoma Panhandle Counties. *Universities Council on Water Resources (UCOWR) Annual Conference*. Greenville SC., June 14-16, 2022.
7. Zhhao, H.*, L. Lambert, & **H.E. Shear**. Red, White, and Blueberries: What is Driving the U.S. Import of Blueberries? Oklahoma State University. *Undergraduate Research Symposium*. Conoco Phillips OSU Alumni Center, April 19, 2022.
8. **Shear, H.E.***, C. Arnold. Experience vs Expertise: Graduate Training in Teaching, Extension, and Policy Communication. *Southern Agricultural Economics Association Annual Conference*. New Orleans, Louisiana. February 2022.
9. Tsiboe, F. **Shear, H.E.***. “Alfalfa Queen of Forages”. *Southern Agricultural Economics Association Annual Conference*. New Orleans, Louisiana. February 2022.
10. **Shear, H.E.** “Expanding the Guest Worker Program: The H-AG Program”. GSS Policy Communication Competition. *Agricultural and Applied Economics Association Annual Meeting*. August 2021. Austin, Texas.

11. **Shear, H.E.***, D.L Pendell, and R. Nehring. “Comparison of High Plains and Southern Region Cow-Calf Operation’s Production Efficiency.” *Southern Agriculture and Applied Economics Association Annual Conference* held virtually, February 6-9, 2021.
12. **Shear, H.E.***, D.L Pendell, C.K. Aherin, and B. White. [poster] “Where’s the Beef? The Cost of Traceability.” *Research & The State Poster Competition*, Kansas State University, held virtually, October 23, 2020.
13. **Shear, H.E.***, D.L Pendell, and R. Nehring. “Assessing Efficiency of U.S. Cow-Calf Operations: Kansas.” *Agriculture and Applied Economics Association Annual Conference*, held virtually, August 10-11, 2020.
14. **Shear, H.E.** “Animal Identification and Disease Traceability in the United States: Market Impacts and Implications.” *Southern Agriculture and Applied Economics Association Annual Conference*, Louisville, Kentucky, February 1-4, 2020.
15. **Shear, H.E.** “Implementation and Economic Impacts of a Traceability Program on Beef Industry Stakeholders.” *Agriculture and Applied Economics Association Annual Conference*, Extension Competition, Atlanta Georgia, 2019.
16. **Shear, H.E.***, D.L. Pendell, and K.L. Herbel. [poster] “Analysis of Kansas Crop Farm Management: Revenue and Cost Management.” *Research & The State Poster Competition*, Kansas State University, November 8, 2018.

INVITED PRESENTATIONS & SEMINARS

*indicates presenter

1. **Shear, H.E.** Kansas State University. October 5, 2022. Overview of Animal Identification and Traceability in the U.S. Livestock Industry. Guest Seminar to ANSI 650 students, invited by Dr. Dale Blasi.
2. **Shear, H.E.** Kansas State University. April 14, 2022. Early Career preparation: getting the most out of graduate school. Invitation from KSU Graduate School.
3. **Shear, H.E.** Oklahoma State University. Ranchers Thursday Lunch Series. February 24 2022. “Profit Drivers in Cow/Calf Production.”
4. **Shear, H.E.***, D.L Pendell, and R. Nehring. “Assessing Efficiency of U.S. Cow-Calf Operations: Kansas.” *AAEA Job Market Showcase*. Virtual, August 20, 2020.
5. **Shear, H.E.***, D.L Pendell, and R. Nehring. “Assessing Efficiency of U.S. Cow-Calf Operations: Kansas.” *Agriculture Economics Research Symposium*. Kansas State University, August 12, 2020.
6. Pendell*, D.L. and **H.E. Shear***. “*Making Cents of CattleTrace: Costs & Economic Impacts.*” CattleTrace Industry Symposium, Manhattan, Kansas. November 22, 2019.
7. **Shear, H.E.*** and E. Wailes. “Preliminary Report of Regional Food Reserve Analysis.” *Africa Rice & ECOWAS Agriculture Committee*, Dakar, Senegal. March 2015.

GRANTS & EXTERNAL FUNDING

1. USDA-ERS Cooperative agreement, PIs: Derrell Peel, Kellie Raper, & Hannah Shear. \$30,000. October 1, 2022.
2. Arts, Humanities & Social Sciences Small Grant Program Awardee, Kansas State, \$1000. December 2020.

HONORS & AWARDS

Outstanding Adviser, Oklahoma State University, Agricultural Economics Dept, May 2022
AAEA Policy Communication Competition, First Place, Austin Texas, 2021
Richard Elmore Brown Graduate Student Teaching Award, College of Agriculture K-State, 2021
Outstanding Leadership & Service Graduate Student Award, K-State Alumni Association, 2021
AAEA Extension Competition, First Place, Atlanta Georgia, 2019
Robert Nunemacher Scholarship, Kansas State University, College of Agriculture, 2018 – 2021
Student Fellow, Center for Risk Management Education & Research, 2018 – 2019
Donoghue Scholar, Kansas State University, 2017 – 2019
AAEA Case Study Competition, Third Place, Washington D.C., 2018
Outstanding Graduate, College of Agriculture, University of Kentucky, 2012
Honors Program, University of Kentucky, 2008 – 2012

POPULAR PRESS/ARTICLES

1. Contribution to: Boswell-Gore, Alisa. Patch burning a potential cost saver for supplemental feed. OSU Agricultural Communication, published in Drovers, Enid News, and other outlets.
2. Contribution to: Myers, Victoria. Producers Bear the Cost of Traceability: Traceability & Trust. Progressive Farmer. June 11, 2022.
<https://www.dtnpf.com/agriculture/web/ag/news/article/2022/06/12/traceability-trust>

RADIO INTERVIEWS/SEGMENTS

1. K-State Radio Network, Agriculture Today. “Cow-Calf Production Efficiency.” With Dustin Pendell. September 14, 2021.
2. K-State Radio Network, Agriculture Today. “Traceability Program Impacts on Cattle Industry.” With Dustin Pendell. December 9, 2019.
3. K-State Radio Network, Agriculture Today. “Returns to Cow-Calf Production.” With Kevin Herbel. October 14, 2019.

EXTENSION REPORTS & PUBLICATIONS

1. **Shear, H.E.** 2021. *Cow-Calf 2019 & 2020 Survey Summary – Preconditioning Practices.* September 3, 2021. Beef Cattle Institute e-Newsletter.

2. **Shear, H.E.** *Cow-Calf 2019 & 2020 Survey Summary – Breeding Program*. October 3, 2021. Beef Cattle Institute e-Newsletter.
3. **Shear, H.E.**, C. Kniebel, D.L. Pendell, and B. White. 2019. *Implementation & Economic Impacts of a Traceability Program on Beef Industry Stakeholders*. Kansas State University Extension. <http://agmanager.info/livestock-meat/cross-subject-areas/implementation-and-economic-impacts-traceability-program-beef>
4. **Shear, H.E.** 2019. *KFMA Cow Calf Factsheet: Preconditioning Practices*. Kansas State University Extension. <https://agmanager.info/kfma/research-articles/kfma-cow-calf-factsheet-preconditioning-practices>
5. **Shear, H.E.** 2019. *KFMA Cow Calf Factsheet: Breeding and Calving*. Kansas State University Extension. <https://agmanager.info/kfma/research-articles/kfma-cow-calf-factsheet-breeding-and-calving>
6. **Shear, H.E.** 2019. *KFMA Cow Calf Factsheet: Feed and Pasture Management*. Kansas State University Extension. <https://agmanager.info/kfma/research-articles/kfma-cow-calf-factsheet-feed-and-pasture-management>
7. **Shear, H.E.** and K.L. Herbel. 2019. *A Snapshot of Kansas Cow-Calf Producers: An Analysis of 2018 Kansas Farm Management Association Cow-Calf Enterprises*. Kansas State University Extension. <https://agmanager.info/kfma/research-articles/snapshot-kansas-cow-calf-producers>
8. **Shear, H.E.**, D.L. Pendell, K.L. Herbel. 2018. *Crop Profitability: Low, Mid, and High Profit Groups*. Kansas State University Extension.
9. Beale, B., **H.E. Shear**, and S. Dill. 2014. *Maryland Beginning Farmer Guidebook*. University of Maryland Extension. 201pp.
<http://extension.umd.edu/newfarmer/start-here/beginning-farmer-success-guide-book>
10. Dill, S., J. Hanson, B. Beale, and **H.E. Shear**. 2014. *Beginning Farmer Success: Needs Assessment*. Maryland Collaborative for Beginning Farmer Success.

EXTENSION ACTIVITIES & PRESENTATIONS

*indicates presenter

1. **Shear, H.E.**, D.L. Pendell*, and K.L. Herbel. *Kansas Cow-Calf Production Efficiency & Survey Summary*. Risk and Profit Conference, Kansas State University, Manhattan KS, August 19, 2021.
2. Boline, A.* J. Steele,* **H.E. Shear**, and K.L. Herbel. *Cow-Calf Profitability*. Risk and Profit Conference, Kansas State University, Manhattan KS, August 22-23, 2019.
3. **Shear, H.E.***, D.L. Pendell, and K.L. Herbel. *Crop Management and Profitability*. Kansas Agricultural Lenders Conference, Kansas State University, Manhattan, KS, October 2018.

4. **Shear, H.E.** *Finding Your Enterprise*. Beginning Farmer/Small Farms Part I Extension Program. Frederick, Washington, Howard, and Prince George Counties, Maryland. (4 presentations). April-May 2015.
5. **Shear, H.E.** *Developing a Pasture System*. Beginning Farmer/Small Farms Part I Extension Program. Frederick, Washington, Howard, and Prince George Counties, Maryland. (4 presentations). April-May 2015.
6. **Shear, H.E.** *Adding Animals to Your Farm*. Beginning Farmer/Small Farms Part I Extension Program. Frederick, Washington, Howard, and Prince George Counties, Maryland. (4 presentations). April-May 2015.
7. **Shear, H.E.** *Land, Labor, & Capital in Appalachia: How We Can Help*. Appalachia Grows Small Farm Conference, Allegany County, Maryland. January 2015.
8. **Shear, H.E.** *Cash Flow is Key*. UMES Small Farm Conference, Princess Anne County, Maryland. November 8-9, 2014.
9. **Shear, H.E.** *Small Livestock Dos and Don'ts*. Beginning Farmer/Small Farms Part II Extension Program. Frederick, Washington, Howard, and Prince George Counties, Maryland. (4 presentations). September-October 2014.
10. **Shear, H.E.** *How Bo-Peep Lost Her Sheep: Why Financial Statements Matter*. Beginning Farmer/Small Farms Part II Extension Program. Frederick, Washington, Howard, and Prince George Counties, Maryland. (4 presentations). September-October 2014.
11. **Shear, H.E.** * *Business Plans for the Little Guys*. Beginning Farmer/Small Farms Part II Extension Program. Frederick, Washington, Howard, and Prince George Counties, Maryland. (4 presentations). September-October 2014.

SERVICE & LEADERSHIP

Oklahoma State University	
University Budget Committee Faculty Council	August 2022 – present
Undergraduate Academic Quiz Bowl Team Agricultural Economics Department	August 2022 - present
Agriculture and Applied Economics Association (AAEA)	
Agribusiness Economics and Management (AEM) Teaching Member-At-Large	August 2022 – present
Teaching, Learning, and Communication (TLC) Secretary/Treasurer	August 2022 – present
Committee on Women in Agriculture Economics (CWAE) Communication Committee	August 2019 – September 2020
Abstract Reviewer 2022 Annual Conference (15 Production Econ. Abstracts) 2021 Annual Conference (15 Production Econ. Abstracts) 2020 Annual Conference (10 Production Econ. Abstracts)	Ongoing

Kansas State University	
Faculty Senate Graduate Senator	October 2020 – May 2021
Graduate Student Council President	May 2020 – May 2021
Academic Affairs Committee	May 2019 – May 2021
Graduate Council, non-voting member	May 2019 – May 2021
University Budget Review Panel	December 2019 – May 2021
Search Committee: Dean of Grad. School/Vice Provost for Graduate Education	Jan – Sept 2020
Graduate Student Council President-Elect	April 2020
Graduate Student Council Government Relations Chair	May 2018 – April 2019
Case Study Club Academic Affairs Chair	November 2019 – December 2020
Graduate Students of Agricultural Economics Association President	January 2018 – December 2019
5-Year Review Committee for Department Head	October 2018

University of Arkansas	
Sigma Alpha, Iota Chapter Adviser	August 2015 – July 2017
Bumpers College Scholarship Committee, member	August 2015 – July 2017
Scholarship Committee, Chair	August 2015 – July 2017
Recruitment Committee, Chair	August 2015 – July 2017
Undergraduate Advising (25 undergraduate students annually)	August 2015 – July 2017

Journal Reviewer	
Journal of Agriculture and Applied Economics (1)	
Applied Economics and Teaching Resources (1)	