

# Hannah E. Shear

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## Education

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**Kansas State University**, College of Agriculture, Manhattan, Kansas  
*Doctorate of Philosophy in Agricultural Economics*, projected completion 2020  
GPA: N/A  
Graduate Research Assistant, full tuition and stipend

**University of Arkansas**, Dale Bumpers College of Agriculture, Food & Life Sciences, Fayetteville, Arkansas  
*Master of Science in Agricultural Economics*, December 2015  
GPA: 3.8  
Graduate Research Assistant, full tuition and stipend  
Thesis: *A Regional Approach to Analysis of Food Security Framework and Policies of the Economic Community of West African States (ECOWAS)*

**Ghent University**, Faculty of Bioscience Engineering, Ghent, Belgium  
*International Masters in Rural Development*, August 2015  
Average: 16 (Scale of low 1 to high 20)

**University of Kentucky**, College of Agriculture, Lexington, Kentucky  
*Bachelor of Science in Animal Science & Bachelor of Science in Agricultural Economics*, May 2012  
Dual Degree: B.S. Animal Science: Animal Industry & B.S. Agricultural Economics  
GPA: 3.476  
Dean's List: Fall 2008, Spring 2010, Fall 2010, Spring 2012  
Outstanding Graduate 2012: College of Agriculture  
Presidential Scholarship: Four-Year Full Tuition  
Keeneland, Garrigus, John Venerable, and Phillip Morris Scholarships recipient

## Work Experience

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**Kansas State University, Graduate Research Assistant**, Manhattan, KS, August 2017-present  
Assist in department research activities

**University of Arkansas, Agricultural Economics & Agribusiness Instructor**, Fayetteville, AR, August 2015-present  
Teach multiple Agribusiness and Agricultural Economics courses to undergraduate students

**University of Maryland, Beginning Farmer Success Program Coordinator**, Frederick, MD, August 2014-August 2015  
Assist in program development and educational workshops for beginning farmers

**University of Arkansas, Graduate Research Assistant**, Fayetteville, AR, August 2012-May 2014  
Assisted with department research activities, specifically pertaining to the AGRM model

**University of Kentucky, Center for Academic & Tutorial Services**, Lexington, KY, November 2010-May 2012  
Tutor student-athletes in a wide array of subjects and mentor specific students

**University of Kentucky, Plant & Soil Science Department**, Lexington, KY, May 2010-December 2010  
Student Worker, Lab Assistant

**VCA Woodford Animal Hospital**, Versailles, KY, October 2009-August 2010  
Night Technician, assisting in the veterinary and emergency care of both large and small animals

## Research Experience

**University of Arkansas Agriculture Economics and Agribusiness Department**, Fall 2012-Summer 2014  
 Research Assistant for department and advisor on multiple projects including the Arkansas Global Rice Model (AGRM), Thesis research and data collection in Senegal in cooperation with AfricaRice

**University of Kentucky Animal Science Department**, August 2010-Spring 2012  
 Research Assistant for sheep genetic grading-up scheme

**University of Kentucky Horticulture Department**, May 2010-December 2010  
 Research Assistant for the prevention and detection of Scab on winter wheat

## Teaching/Presentation Experience

**University of Arkansas, College of Agriculture**, Fayetteville, AR  
*Instructor, Fall 2015-Present*

Serve as faculty instructor within the Agricultural Economics and Agribusiness Department. Courses taught include Farm Business Management, Food & Agriculture Marketing, Agribusiness Financial Records, and Agriculture & Rural Development.

Course	Year	Enrollment	Student Ratings*						
			The teaching methods used in this course enabled me to learn.	Meaningful feedback on tests and other work is provided.	Overall I would rate this course as:	My instructor provides individual assistance when asked.	My instructor explains difficult material clearly.	Overall I would rate this instructor as:	Comparison: University Mean of Core Medians
AGEC 2142 <sup>1</sup>	Fall 2015	53	4.46	4.46	4.29	4.83	4.57	4.67	4.30
AGEC 2142L <sup>1</sup>	Fall 2015	53	4.45	4.59	4.4	4.79	4.62	4.27	4.30
AGEC 3303 <sup>2</sup>	Fall 2015	44	4.55	4.6	4.4	4.84	4.65	4.65	4.30
AGEC 3404 <sup>3</sup>	Fall 2015	58	4.26	4.39	4.24	4.72	4.37	4.74	4.30
AGEC 2142	Spring 2016	38	4.03	4.13	3.90	4.61	4.19	4.42	4.23
AGEC 3403	Spring 2016	60	4.28	4.16	4.18	4.63	4.26	4.18	4.23
AGEC 4163 <sup>4</sup>	Summer 2016	35	4.53	4.63	4.47	4.72	4.67	4.70	4.65
AGEC 3303	Summer 2016	11	4.50	4.75	4.50	5.00	4.75	4.75	4.65

\*Student Ratings Scores are: 1 =Very Low, 2=Low, 3=Medium, 4=High, 5=Very High

1. AGEC 2142/L Agribusiness Financial Records: Principles of small agricultural business management accounting practices are taught to allow students to gain hands-on experience with financial record keeping for a business. Resulting financial statements are analyzed to determine opportunities for enhancing financial efficiency.
2. AGEC 3303 Food and Agricultural Marketing: Surveys consumer trends in food markets and the marketing activities of the food and fiber system. Emphasizes marketing concepts for both commodities and differentiated food products. Topics include applied consumer and price theory; marketing management; structure and performance of the food system; and current agricultural marketing topics.

3. AGEC 3403 Farm Business Management: Application of economic principles for the profitable organization and operation of the farm business. Focuses upon agricultural production management decision-making tools: budgeting techniques (enterprise, partial, cash flow), balance sheet, income statement, cash flow, investment analysis and risk management.
4. AGEC 4163 Agriculture and Rural Development: Examination of agricultural and rural development issues in less developed countries. Alternative agricultural production systems are compared, development theories examined, and consideration given to the planning and implementation of development programs.

**University of Maryland Extension, Frederick, MD**

*Faculty Extension Assistant for Beginning Farmer Success Program, August 2014-August 2015*

Provide and coordinate statewide introductory workshops for beginning farmers on various topics including agribusiness, livestock production, crop management, and more. Worked closely with County Extension Agents to provide curriculum and series information in effort to reach beginning farmers across the state. Partnerships with other agriculture groups allowed us to address the issues of land, labor and capital for our beginning farmers.

Course/Series	Topic/Presentation Title	Date	Location
Beginning Farmer/Small Farms Part II	1. Small Livestock Dos and Don'ts 2. How Bo-Peep Lost Her Sheep: Why Financial Statements Matter 3. Business Plans for the Little Guys	Sept – Oct 2014	Frederick Co. Washington Co. Howard Co. Prince George Co.
UMES Small Farm Conference	1. Cash Flow is Key	Nov 8-9, 2014	Princess Anne Co.
Appalachia Grows Small Farm Conference	1. Land, Labor, & Capitol in Appalachia: How We Can Help	Jan 2015	Allegany Co.
Beginning Farmer/Small Farms Part I	1. Finding Your Enterprise 2. Developing a Pasture System 3. Adding Animals to Your Farm	April – May 2015	Frederick Co. Washington Co. Howard Co. Prince George Co.

**University of Arkansas, College of Agriculture, Fayetteville, AR**

*Thesis, Fall 2013-Summer 2014*

Thesis Research Proposal Presentation  
Preliminary Research Presentation  
Research Report to Partners at AfricaRice

**University of Kentucky, College of Agriculture, Lexington, KY**

*Undergraduate Teaching Assistant to Dr. Lee Edgerton, Fall 2009*

Taught GEN 100 Issues in Agriculture: a course required for all Agriculture majors, to cover basic agriculture topics and communication requirements for the University. Students were expected to read about issues in agriculture and took turns leading discussion on their chosen topic. Facilitated and presented issues for discussion and wrote examinations.

*Undergraduate Teaching Assistant to Dr. William Silvia, Fall 2009*

Taught ASC 101 Introduction to Animal Science Lab: a supplemental lab section designed to provide a hands-on portion to apply knowledge learned in the classroom and to explore areas of information that may have been unclear without a visual. Presented laboratory material and facilitated hands-on learning opportunities

*Undergraduate Teaching Assistant to Dr. Steve Isaacs, Spring 2012*

AEC 302 Farm Management Lab: a supplemental lab session where students were presented with tasks to reflect ideas learned in lecture utilizing excel to understand farm financial management. Assisted in presenting laboratory material and grading student work.

*Agriculture Ambassadors, Senior Coordinator for Jason Headrick, Spring 2009-Spring 2012*

Taught interactive college preparation workshops to high school students

**National Agriculture Day, Washington D.C., May 2011**

*Represented National Agriculture Alumni and Development Association*

Spoke to Kentucky's Congressmen on the major issues surrounding agriculture and Kentucky

## **Professional Service**

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**University of Arkansas, Dale Bumpers College of Agriculture, Food & Life Sciences, 2015 - July 2017**

*Undergraduate Advising*

Advisor to 25 undergraduate students within the AEAB department. Assisted in course planning and general guidance for students seeking an undergraduate degree.

*Thesis Committee Member (Undergraduate, Honors College)*

Undergraduate Honors Thesis Committee Member

Hailey Paulsen, *Economic Impact of Independence on Agriculture: Case Study of Scotland*  
Josh Crystal, *Identifying SNPs of Economic Importance in Beef Cattle*

*AEAB Scholarship Committee Chair*

Served as Chair for departmental Scholarship Committee; reviewed and scored over 70 applications and awarded departmental scholarships.

*College Scholarship Committee Member*

Served on College Scholarship Committee; reviewed and scored applications and assisted in awarding college-wide scholarships.

*AEAB Department Recruitment Chair*

Headed recruitment efforts within the department, developed a 3-year recruitment plan, developed recruitment materials, and traveled to recruitment events across the state.

## **Affiliations/Memberships**

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**Gamma Sigma Delta, 2012-Present**

Honors Fraternity for high achieving students, faculty, and alumni within the agricultural field

**University of Kentucky Honors Program, Fall 2008-Spring 2012**

Sheep grading-up research project within the Animal Science Department

**University of Kentucky Agriculture Ambassador, Spring 2010-Spring 2012**

Senior Coordinator, represented the College of Agriculture around Kentucky

Coordinate a group of 25 agriculture students to represent the College of Agriculture

**University of Kentucky College of Agriculture Student Council, Fall 2010-Spring 2012**

Senior Class Representative

Facilitated an Ag Awareness Day and served as a liaison between the student-body and administration

**University of Kentucky Livestock Judging Team, August 2010-May 2011**

Learned about the current livestock industry and articulating personal opinion on livestock evaluation

## Publications

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Beale, B., **Shear, H.**, Dill, S. (2014) *Maryland Beginning Farmer Guidebook*. University of Maryland Extension. 201pp.  
<http://extension.umd.edu/newfarmer/start-here/beginning-farmer-success-guide-book>

Dill, S., Hanson, J., Beale, B. and **Shear, H.** 2014. *Beginning Farmer Success: Needs Assessment*. Maryland Collaborative for Beginning Farmer Success.