

**Teresa L. Douthit**  
**Curriculum Vitae**

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*\*\*formerly known as Teresa L. Slough*

**ADDRESS**

**Work**

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**EDUCATION**

**Colorado State University – Fort Collins, Colorado**

Doctor of Philosophy

Completion: Spring 2007

GPA: 4.0 / 4.0

Major: Animal Sciences – Reproductive Physiology

Dissertation Topic: Factors affecting steroidogenesis and luteolysis in the ewe and mare

Advisers: Drs. Gordon D. Niswender and Jason E. Bruemmer

**Kansas State University – Manhattan, Kansas**

Master of Science

Completion: Summer 2001

GPA: 4.0 / 4.0

Major: Animal Sciences – Equine Nutrition

Thesis: The effect of dietary energy source on local and systemic serum concentrations of insulin-like growth factor I and growth hormone in yearling horses

Adviser: Dr. Randel H. Raub

Bachelor of Science

Completion: Spring 1999. Graduated *summa cum laude*. GPA: 4.0 / 4.0

Major: Animal Sciences – Business Option

## **RELEVANT EMPLOYMENT**

Professor, Kansas State University Department of Animal Sciences & Industry, Manhattan, KS. 70% teaching, 30% research appointment. 2019-present.

Associate Professor, Kansas State University Department of Animal Sciences & Industry, Manhattan, KS. 70% teaching, 30% research appointment. 2014-2019.

Assistant Professor. Kansas State University Department of Animal Sciences & Industry, Manhattan, KS. 70% teaching, 30% research appointment. 2006-2014.

Head Coach – Women’s Equestrian. Kansas State University Department of Intercollegiate Athletics, Manhattan, KS. 2004-2007.

## **HONORS and AWARDS**

Selected by graduating seniors in the College of Agriculture at Kansas State University to deliver their “Last Lecture” at the graduating seniors banquet. 2023.

Selected as 2021 *Natural Sciences Education* Outstanding Reviewer.

Selected as the KSU College of Agriculture Faculty of the Semester. Spring 2014.

Recipient of Midwest American Society of Animal Science/American Dairy Science Association Outstanding Young Animal/Dairy Scientist Teaching Award. 2014.

Nominated for the USDA Food and Agricultural Sciences Excellence in College and University Teaching Award. 2014.

Nominated for the KSU University Distinguished Award for Mentoring of Undergraduate Students in Research. 2014.

Named NACTA (North American Colleges and Teachers of Agriculture) Teaching Fellow. 2013.

Recipient of Kansas State University’s College of Agriculture Scholarship of Teaching Award. 2013.

Faculty Advisor/Coach of World and National Champion Teams, Horse Judging– Kansas State University.

All American Quarter Horse Congress Champion Team Overall, senior college division. 2014.

AQHA Congress Reserve Champion Team Overall, senior college division. 2010.

AQHA World Champion Team Overall, senior college division. 2010.

AQHA Reserve World Champion Team Overall, senior college division. 2008.

Awarded Graduate Faculty Status – Kansas State University. 2007. Awarded Ph.D. status. 2014.

Head Coach of Regional and National Award Winners, Women’s Equestrian– Kansas State University.

2007 Varsity Equestrian National Championship

3<sup>rd</sup> place Hunter Seat team, 6<sup>th</sup> place Western team.

4<sup>th</sup> place overall.

2006 Intercollegiate Horse Show Association National Championship

2<sup>nd</sup> place Western team, 2 individual national champion riders.

2006 Varsity Equestrian National Championship

6<sup>th</sup> place Western and Hunter Seat teams.

2004-2006 Intercollegiate Horse Show Association

Zone 9, Region 2 Champion teams: Western and Hunter Seat.

2005 Intercollegiate Horse Show Association National Championship

5<sup>th</sup> place Western team.

Recipient of Ed H. Honnen Award – Colorado State University. 2003, 2004.

Coach of National Champion Teams, Horse Judging—Colorado State University.  
AHA National Champion Team Overall, collegiate division. 2001, 2002.

Awarded Department of Animal Sciences Supplemental Fellowship – Colorado State University. 2001.

Purina Mills, Inc. National Research Fellowship Recipient in Animal Science. 2000.

Assistant Coach of National and World Champion Teams, Horse Judging – Kansas State University.

All-American Quarter Horse Congress Champion Team Overall, senior college division. 1999.

AQHA World Champion Team Overall, senior college division. 1999.

## TEACHING

Associate/Assistant/Full Professor – Kansas State University Department of Animal Sciences & Industry. Responsible for each of the following courses (with approximate average enrollment) once per year.

- ASI 320 Principles of Feeding, 100 students, 3 credits, lecture and laboratory. 2021-present. (Offered online fall and spring, 30 students.)
- ASI 325 Beginning Horse Evaluation, 30 students, 2 credits, lecture. 2008-2014. (Primary instructor, 2009. Supervise graduate teaching assistants remaining years.)
- ASI 326 Advanced Horse Evaluation, 10 students, 2 credits, lecture. 2008-2014. (Supervise graduate teaching assistants.)

- ASI 445 Advanced Horse Training and Management, 10 students, 2 credits, laboratory. 2007-2010.
- ASI 521 Horse Science, 55-120 students, 3 credits, lecture. 2007- present.
- ASI 660 Equine Tour of Austria & Germany, 15 students, 2 credits. 2015.
- ASI 675 Monogastric Nutrition, 1-15 students, 1 credit, lecture. 2013-present. (Offered online each semester, including summers.)
- ASI 678 Equine Nutrition, 10-25 students on campus, 1 credit, lecture. 2007-present. (Offered online each semester (1-10 students), including summers, and on campus each fall.)
- ASI 695 Equine Exercise Physiology, 10-30 students; 3 credits, lecture and laboratory. 2007-present.

Academic Advisor - Kansas State University Department of Animal Sciences & Industry. Advise approximately 35-75 undergraduate and 1-4 graduate students each year. 2007-present. Serve as academic advisor to all student athletes majoring in Animal Sciences & Industry. 2019-present.

**Mean overall advisee satisfaction** from KSU academic advising survey administered every fall. Until 2019 the survey was mandatory of all students who enrolled in the following semester.

<b>Year</b>	<b><i>Douthit</i></b>	<b>ASI Dept.</b>	<b>College of Ag</b>	<b>University</b>
2022	4.66 (n=32)	4.61	4.62	4.60
2021	4.65 (n = 43)	4.54	4.59	4.61
2020 <sup>#</sup>	4.79 (n = 24)	4.53	4.57	4.63
2019	4.75 (n = 48)	4.62	4.63	4.62
2018	4.93 (n = 46)	4.58	4.60	4.60
2017*	4.60 (n = 52)	4.48	4.50	4.50
2016	3.87 (n = 47)	3.80	3.81	3.80
2015	3.88 (n = 56)	3.82	3.80	3.77
2014	3.98 (n = 63)	3.64	3.73	3.76
2013	3.86 (n = 44)	3.82	3.77	3.75
2012	3.92 (n = 36)	3.83	3.80	3.75
2011	4.00 (n = 26)	3.8	3.80	3.73
2010	3.92 (n = 36)	3.78	3.80	3.75
2009	3.83 (n = 42)	3.81	3.80	3.73
2008	3.88 (n = 52)	3.79	3.78	3.71
2007	3.84 (n = 37)	3.82	3.76	3.68

\*4-point scale 2007-2016; 5-point scale 2017-present.

<sup>#</sup>In 2020 the survey became optional and all advising meetings were shifted to a virtual format.

Teaching Advisory Committee Member – Kansas State University Department of Animal Sciences & Industry. Serve on committee to review proposals and make recommendations pertaining to the undergraduate curriculum. Develop departmental Student Learning Objectives. Also conduct senior exit interviews. 2010-present.

Assessment Reports – Kansas State University Department of Animal Sciences & Industry Assessment of Teaching. Collect and analyze data, write department's annual assessment of teaching report for animal science major (author) and equine science certificate (co-author). Share with Department Head and Teaching Coordinator. Submit report to university's director of assessment. 2016-2020 (ASI) 2016-present (Equine).

Academic Affairs Committee Member – Kansas State University. Member of university-wide committee that evaluates curriculum changes, new course proposals, and other issues related to academic affairs at the university. 2019-2020, 2022-present.

Student Success Collaborative Task Force – Kansas State University. Identify courses to be used as success markers to assess student progress toward a B.S. degree in Animal Sciences & Industry. Also participate in discussion and provide feedback regarding various methods of calculating risk thresholds. 2019-2020.

Faculty Coach and Coordinator – Kansas State University Horse Judging Team. Provide oversight of team. Responsibilities include recruiting graduate teaching assistants, providing necessary resources and coaching as needed. 2008-2014, 2021-present.

Mentor/Supervisory Role- Kansas State University Department of Animal Sciences & Industry. Mentor or co-mentor undergraduate students in research, honors projects, competition papers, and other activities.

Emily Hudson – Effect of hay type of cecal and fecal microbiome in the horse. Undergraduate Research Forum. 2019.

Jessica Lesh – Effect of forage type on cecal and fecal fermentation parameters in the horse. Undergraduate Research Forum. 2019.

Shelbey Taylor – Effect of protein supplementation on fiber disappearance and fermentation parameters using an equine cecal inoculum.

\*Winner of undergraduate student competition, KSU ASI Undergraduate Research Forum. 2018.

Madison Smith – Effect of protein source on in vitro fermentation of prairie hay by mixed cecal microorganisms.

\*Winner of undergraduate student competition, KSU ASI Undergraduate Research Forum. 2017.

Megan Ewell - Analysis of cecal fluid from carbohydrate challenged horses. 2015.

Katie DeLano – The effect of sudden dietary changes on cecal and fecal parameters. Scholars research project. 2013.

\*Katie presented a poster for part of this work at the American Society of Animal Sciences conference in Kansas City, MO.

Rachel Rusk – The effect of gastric administration of sodium bicarbonate on fecal pH in the horse. Scholars research project. 2012.

Katelyn Salmans - Effects of Virginiamycin and *Megasphaera elsdenii* on cecal fermentation. Transfer BRIDGE program. Fall 2012.

\*Katelyn presented a poster for this work at the European Equine Health & Nutrition Congress in Ghent, Belgium.

Socorro Martinez - Effects of sudden dietary changes on dry matter digestibility in horses. Transfer BRIDGE program. Summer 2012.

Hannah Leventhal – *In situ* gas and VFA production in cecal fermentations of starch vs. fructans and the effect of added dietary probiotics. 2010.

\*Hannah was awarded the Gamma Sigma Delta National Undergraduate Research Award for this work.

\*Hannah was also chosen as the Alltech Young Scientist 1<sup>st</sup> Place winner for the United States Zone and 1<sup>st</sup> Place winner for North America. She placed 2<sup>nd</sup> in the Global Young Scientist competition in May 2012.

Hannah Leventhal – Local (several states) winner and regional (United States) 3<sup>rd</sup> place finish in Alltech Young Scientist Competition. Paper entitled *A Literary Review of Ruminal Acidosis in Cattle with an Emphasis in Dietary Management*. 2010.

Liz Holmgren – Glucose degradation in bovine blood under varying storage conditions. Scholars research project. 2009.

Katie Negebauer – Glucose degradation in equine blood under varying storage conditions. Scholars research project. 2009.

Maira Cotton-Caballero – Survivability of *Megashaera elsdenii* through the foregut of the horse. Transfer BRIDGE program. Summer 2014.

Monica Farfan – Production of volatile fatty acids in the hindgut of horses dosed with *Megasphaera elsdenii*. McNair Scholars program. Summer 2014.

Students enrolled in ASI 561/661 (Undergraduate Research, students assisted graduate student in all aspects of project and then had final report/abstract at end of semester) or GENAG 515 (University Honors or College of Agriculture Scholars students who conduct their own research projects and present the results):

2015-2016 (written reports)

Courtney Stover, Maira Cotton-Cabello, Kenzie Richards, Kaylea Nemechek, Courtney Gellhaus, Beth Heimermann, Katie Self

2015 (abstract & presentation)

Ewell, M. Spring 2015. Analysis of cecal fluid from carbohydrate challenged horses. Undergraduate Research Showcase. College of Agriculture. Kansas State University. Manhattan, KS.

DeLano, K.M. Spring 2015. Fluctuations in pH and VFAs in the hindgut of horses relative to meal feeding. Undergraduate Research Showcase. College of Agriculture. Kansas State University. Manhattan, KS.

2014 (abstract & presentation)

Rusk, R. Fall 2014. The effects of sodium bicarbonate ingestion on equine water intake and fecal water content. Dept. of Animal Sciences & Industry, Manhattan, KS.

2013 (abstract & presentation)

Beneda, C. Spring 2013. Equine nutrition research. Undergraduate Research Symposium. Dept. of Animal Sciences & Industry. Kansas State University. Manhattan, KS.

Hoover, B. Spring 2013. Equine diet and laminitis. Undergraduate Research Symposium. Dept. of Animal Sciences & Industry. Kansas State University. Manhattan, KS.

Klimova, M. Spring 2013. Inaugural Kansas Horse Council equine clinic. Undergraduate Research Symposium. Dept. of Animal Sciences & Industry. Kansas State University. Manhattan, KS.

Wallace, R. Spring 2013. The effect of cysteine proteinase inhibitors on *in vitro* maturation of porcine cumulus-oocyte-complexes. Undergraduate Research Symposium. Dept. of Animal Sciences & Industry. Kansas State University. Manhattan, KS.

Wachter, M. Fall 2013. Effects of carbohydrate overload in the equine hindgut. Undergraduate Research Symposium. Dept. of Animal Sciences & Industry. Kansas State University. Manhattan, KS.

Finochiaro, L. Fall 2013. The effects of carbohydrate overload and supplement in the equine. Undergraduate Research Symposium. Dept. of Animal Sciences & Industry. Kansas State University. Manhattan, KS.

Allen, M. Fall 2013. Management of cannulated horses. Undergraduate Research Symposium. Dept. of Animal Sciences & Industry. Kansas State University. Manhattan, KS.

Near, B. Fall 2013. Carbohydrate overload in horses. Undergraduate Research Symposium. Dept. of Animal Sciences & Industry. Kansas State University. Manhattan, KS.

Pintar, D. Fall 2013. Undergraduate research in equine nutrition. Undergraduate Research Symposium. Dept. of Animal Sciences & Industry. Kansas State University. Manhattan, KS.

2012 (written reports)

Alexandra Lamunyon, Cody Hadrick, Emily Johnson, Katelyn Salmans, Nancy Toerner, Madeline Ringel, Nicole Smith, Socorro Martinez

2011 (written reports)

Christine Roehrman, Rhianna Wallace, Samantha Schimming, Shannon Rogge, Stephanie Taylor, Alexandria Puderbaugh, Chad Foust, Deidre Angleton, Hannah Leventhal, Lana Swendson, Sohaila Jafarian, Stetson Schmutz

2010 (written reports)

Annamarie Lane, Chad Foust, Hannah Leventhal, Rachel Thiher, Stetson Schmutz, Alexamdria Puderbaugh, Dylan Murphy, Hannah Leventhal, Tannis Sears

2009 (written reports)

Zachary Bruggen, Heather Mitzner, Lindsay Domer, Paige Venturella

Head Coach – Kansas State University Equestrian Team. Administer to all team business and instruct riders on proper horsemanship techniques. Develop strategy, oversee assistant coaches, and train riders. Manage 35-40 head of horses. Work with other coaches across the country to develop policies to regulate varsity equestrian. Team finished in top 10 in Western and Hunter Seat divisions in every National competition attended. 2005-2007.

Laboratory Instructor - Colorado State University Department of Animal Sciences. Taught laboratory sections as a graduate teaching assistant.

- AN 102 Introduction to Equine Science. Demonstrate basic horse handling and care in introductory class for equine science majors. 2003.
- AN 444 Equine Reproductive Management. Instruct undergraduate students on all aspects of equine reproductive management, including reproductive anatomy, stallion collection, semen handling and evaluation, and mare management. 2003, 2004.

Assistant Coach – Colorado State University Horse Judging Team. While the head coach prepared one team for AQHA competition, I was independently responsible for preparing a separate team for the Arabian Nationals Horse Judging Contest. 2001-2002. I also prepared a team for competition at the National Reining Horse Futurity in Oklahoma City, OK. 2001.

Instructor – Colorado State University Equine Reproduction Short Courses. Actively participated in teaching stallion and mare reproductive management to horse breeders from around the world. Individual teaching responsibilities included: fresh semen evaluation, semen cooling and freezing techniques, stallion handling and collecting, artificially inseminating mares. 2002-2004.

Guest Instructor – Colorado State University Livestock Judging Team. Prepared the livestock judging team to judge horse classes by setting up a practice, critiquing the classes and evaluating oral reasons. 2002.

Head Coach – Kansas State University Equestrian Team. Worked with athletic department to transition team from club to varsity status. Acquired and managed horses, oversaw staff, coached Western riders and oversaw the 120-member team. Active member of committee that was responsible for developing regional policies and actively participated in national meetings. 2000-2001.



Guest Instructor – Kansas State University freshman animal science laboratory. Taught students about the principles of judging equine conformation. 2001.

Guest Instructor – Kansas State University Livestock Judging Team. Instructed livestock judging team about the principles of placing halter classes and giving horse reasons. 2000.

Assistant Coach – Kansas State University Horse Judging Team. Assisted head coach with all aspects of team preparation, participated in the organization of horse judging contests, directed team members in the preparation of oral reasons and in placing classes. 1999.

Graduate Teaching Assistant – Colorado State University. 2001-2004.

- AN 102 Introduction to Equine Science
- AN 245 Equine Evaluation
- AN 350D Animal and Product Judging - Horses
- AN 444 Equine Reproductive Management
- Horse Judging Team Assistant Coach

Graduate Teaching Assistant – Kansas State University. 1999-2000.

- Horse Judging Team Assistant Coach

## **GUEST LECTURES**

College of Agriculture “Last Lecture” – Selected by graduating seniors in the College of Agriculture to deliver their “Last Lecture” at the banquet for graduating seniors. Talked about the importance of being a lifelong learner. 2023.

Equine Nutrition – series of 3 lectures – Kansas State University College of Veterinary Medicine. Teach third-year veterinary students in CS 877 Clinical Nutrition about the basics of equine nutrition, including digestive anatomy, nutrients, common feedstuffs, physiological stage of production, and nutritional disorders. (CS 877; ~145 students) 2023.

Digestive Maladies of the Equine – Kansas State University. Present some of the major problems associated with the digestive system of the horse. (ASI 318: ~120 students) Given annually, 2010-2016.

Equine Nutrition – Kansas State University. Give an overview of the equine digestive system, nutritional requirements, and potential problems associated with the equine. (ASI 320; 127 students) 2013.

Research Opportunities in ASI – Kansas State University. Discuss opportunities for undergraduate students to become involved in research within the Department of Animal Sciences & Industry. (GENAG 295; 20 students) 2011-2013, 2016.

The Importance of Forage in the Equine Diet – Kansas State University. Discuss the importance of forages in the equine ration. (AGRON 550; ~20 students) 2010.

Fiber in the Non-Ruminant – Kansas State University. Discuss how fiber affects the function and efficiency of the digestive tract in horses, pigs, rabbits, cats, and dogs. (ASI 675; ~30 students) 2008.

Giving Oral Reasons – Kansas State University. Instruct students on note taking and organization. Addressed oral reasons as they apply to horse judging contests. (ASI 325; 40 students) 2008.

Showmanship at Halter – Kansas State University. Provide instruction and examples to Advanced Horse Evaluation class about evaluating the Showmanship class. (ASI 325; ~40 students) 2008.

The KSU Equine Program: Past, Present, and Future – Kansas State University. Speak to senior seminar class about the changes to the KSU equine program over the past decade. (ASI 580; ~100 students) 2007.

Judging Horsemanship – Kansas State University. Provide instruction and examples to Advanced Horse Evaluation class about evaluating the Western Horsemanship class. (ASI 325; ~35 students) 2007, 2008.

Basics of Horse Evaluation – Kansas State University. Teach 3 labs each semester helping introductory animal science students learn what a judge evaluates at a horse show. (ASI 102; ~20 students per session) 2005-2007.

The Effect of Intraluteal Indomethacin Treatment on Luteolysis in Ewes – Colorado State University. Seminar presented to graduate student seminar class. 2004.

Guest Lecturer – Youth Summer Horsemanship Camp, Fort Collins, CO. Inform youth of horse-related clubs and activities available in Colorado. 2002.

Guest Lecturer – Youth Summer Horsemanship Camp, Fort Collins, CO. Present a lecture on different breeds of horses to youth campers. 2002.

Guest Lecturer – Colorado State University. Appeared as a guest lecturer on several occasions to teach students how to judge different classes, including Western Riding, Hunter Hack, Western Horsemanship and Halter. (AN 350D Horse Judging) 2002.

Guest Lecturer – Colorado State University. Presented a lecture about the Standardbred horse and the related industry in the United States. (AN 245 Equine Evaluation) 2002, 2003.

The 4-H Perspective – Rocky Mountain Horse Expo. Talk presented to judge applicants about the fundamentals of judging 4-H horse shows. 2002.

Hyperkalemic Periodic Paralysis in the Horse – Kansas State University. Lecture given to graduate student seminar participants and as a guest lecture to senior horse science class (ASI 521) 2001.

The Effect of Dietary Energy Source on Growth Hormone and Insulin Like Growth Factor-I in Horses – Kansas State University. Seminar presented to graduate student seminar class. 2000.

Guest Lecturer – Kansas State University Horse Judging Team. Presented instruction on scored classes, such as Reining and Western Riding. 1999.

## **INVITED PRESENTATIONS**

Too much of a good thing? Managing horses with Equine Metabolic Syndrome – Healthy Horse, Forage & HAY! Field Day. Presentation given to aid horse owners in dietary management of horses afflicted with Equine Metabolic Syndrome. Lawrence, KS. 2023.

All about 4-H horse judging - Kansas 4-H Equine Webinar Series. Webinar delivered to 4-H families throughout Kansas with information about horse judging contests, including contest format, oral reasons, and classes typically included. 2023.

Showmanship tips - Kansas 4-H Equine Webinar Series. Webinar delivered to 4-H families throughout Kansas with tips about improving their horse showmanship skills. Received the greatest number of live attendees of any webinar in the series. 2023.

The Kansas 4-H horse show rulebook – Kansas 4-H Equine Webinar Series. Webinar delivered to 4-H families throughout Kansas to help them understand the nuances of the 4-H horse show rulebook. 2022.

The Danish ribbon system and 4-H horse shows – Kansas 4-H Equine Webinar Series. Webinar delivered to 4-H families throughout Kansas to help them understand the meaning of the ribbons that they might receive at a 4-H horse show. 2022.

Breaking up the lecture: what's the impact? Kansas State University College of Agriculture Teaching/Advising Workshop. Invited to give a Ted-style talk to colleagues in the College of Agriculture regarding my efforts to incorporate teaching strategies covered in the American College & University Educators (ACUE) 25-week online course and the impacts observed in my students. 2019.

Can you judge a book by its cover? Or a horse by its looks? Horse Care 101, sponsored by Kansas Horse Council and Kansas State University College of Veterinary Medicine. Talk to approximately 80 members of the public about the relationship between conformation and performance in the horse. 2017.

Feeding for metabolic conditions – Kansas State University College of Veterinary Medicine Nutrition Club. Talk to veterinary students about how to manage the diet of horses afflicted with a variety of metabolic conditions. 2013.

Panelist – Kansas State University College of Agriculture Faculty Workshop. Serve on panel to share experiences with other faculty regarding the inclusion of undergraduate students in research programs. 2012.

Feeding to manage metabolic conditions – Kansas State University College of Veterinary Medicine Student Chapter of the American Association of Equine Practitioners. Presentation addressing veterinary students about how to manage the diet of horses afflicted with a variety of metabolic conditions. 2012.

Featured speaker – K-State Extension Horse Owners Conference, Hesston, KS. Addressed issues concerning feeding horses according to their body condition. 2009.

Featured speaker – High Plains Horseman's Day, Oakley, KS. Addressed issues concerning feeding horses according to their body condition and use. Also addressed alternative feedstuffs. 2008.

## GRANTS AND FUNDING REQUESTS

(Total funds awarded: \$730,555.85)

**Douthit, T. L.,** J. M. Lattimer, M. D. Kleinhenz, J. F. Coetzee. 2019. Digestibility of hemp seed cake in the mature equine. Hemp Feed Coalition. \$51,618. Not funded.

Lattimer, J. M., **T. L. Douthit,** J. S. Drouillard. 2019. Acceptability of horse feeds containing Milne blueberry juice concentrate 65 brix and blueberry puree concentrate 30 brix. Milne Fruit Products. \$4,625. Funded.

Lattimer, J. M., **T. L. Douthit,** J. S. Drouillard. 2019. Evaluation of different application methods of Vista Pre-T added to a dairy TMR on ruminal in vitro fermentation. AB Vista. \$6,007. Funded.

Lattimer, J. M., J. S. Drouillard, **T. L. Douthit.** 2018. Effect of EquiZorb on nutrient digestibility in the equine. John Ewing Company. \$34,973. Funded.

- Douthit, T. L.**, J. D. Lillich, J. M. Lattimer, C. I. Vahl, L. H. Zeglin, and B. Kukanich. 2017. Effect of phenylbutazone on the equine hindgut. American Quarter Horse Association. \$77,985. Not funded.
- Lattimer, J. M., J. S. Drouillard, and **T. L. Douthit**. 2017. Effect of high-amylase corn hybrid (Enogen) on cecal environment and insulin levels in the equine. Syngenta Crop Protection, LLC. \$47,775. Not funded.
- Douthit, T. L.** and J. M. Lattimer. 2017. The impact of feeding Horse-bac on fermentation parameters and nutrient digestibility in the equine. TransAgra International, Inc. \$44,600. Not funded.
- Lattimer, J. M. and **T. L. Douthit**. 2017. Effect of EconaseXT® on cecal fermentation parameters and total tract digestibility in the equine. AB Vista. \$50,000. Not funded.
- Lattimer, J. M., **T. L. Douthit**, and J. S. Drouillard. 2017. Effect of Vista EQ®, Vistacell®, and SCFerm® on fiber disappearance and fermentative end products in vitro using an equine cecal inoculum. AB Vista. \$26,000. Will be funded.
- Lattimer, J. M. and **T. L. Douthit**. 2016. Digestibility of Enertia s/f and soybean oil in the equine. ADM. \$41,123. Awarded.
- Jones, C., B. Bradford, **T. Douthit**, K. Fike, K. Getty, G. Hock, D. Nichols, S. Schaae, and V. Trinetta. 2017. Proposal: Evolution of critical thinking by students involved in undergraduate research in animal and food science. KSU College of Agriculture Mini-Grant Program. \$6,000. Awarded.
- Lattimer, J., J. Drouillard, T. Melgarejo, and **T. Douthit**. 2016. Immunomodulation of Horse Lic Omega Elite in yearling horses. New Generation Feeds. \$57,744. Awarded.
- Lattimer, J. and **T. L. Douthit**. 2016. Effect of fat supplementation on fiber digestion and the cecal environment in the equine. Nutrena. \$71,253. Not funded.
- Lattimer, J., T. Melgarejo, J. Drouillard, and **T. Douthit**. 2016. Immunomodulation of 4-Plex in yearling horses. Zinpro. \$48,396. Not funded.
- Lattimer, J., and **T. L. Douthit**. 2015. Effect of Tasco on cecal fermentation and immune function in the equine. Acadian Seaplants. \$81,236. Not funded.
- Lattimer, J., and **T. L. Douthit**. 2015. Effect of sodium bicarbonate on cecal acidosis in the equine. Church & Dwight. \$138,873. Not funded.
- Douthit, T. L.** 2015. Upgrade classroom in Weber Hall. Kansas State University Academic Excellence Fund. \$9,298.10. Not funded.

Lattimer, J., J. Woodworth, **T. Douthit**, J. Drouillard, W. Beard, and S. Dritz. 2015. Applications for probiotic bacterium, *Megasphaera elsdenii*, in monogastric farm animals. Kansas State University Global Food Systems Innovation Program. \$90,000. Awarded. Funds to be matched by Megastarter, LLC. (additional \$90,000). Awarded.

Lattimer, J., J. Woodworth, **T. Douthit**, J. Drouillard, W. Beard, and S. Dritz. 2015. Applications for the use of the probiotic bacterium *Megasphaera elsdenii* in monogastric farm animals. Matching funds grant proposal for the Kansas Department of Commerce and Megastarter, LLC. \$180,000. Not funded.

**Douthit, T. L.** and J. M. Lattimer. 2015. Effects of Champion horse feed on digestibility and metabolic parameters in the adult stock horse. Iowa Agricultural Bio Fibers. \$32,310.22. Not funded.

Kouba, J. K. and **T. L. Douthit**. 2014. The effect of equine assisted therapy on active duty and recently retired military personnel diagnosed with post-traumatic stress disorder. Morris Animal Foundation. \$44,248.00. Not funded.

Silver, K. S., J. D. Lillich, S. J. Brown, and **T. L. Douthit**. 2014. Filling in the gaps of the equine genome. Morris Animal Foundation, First Award. \$48,118. Not funded.

Kouba, J. M., **T. L. Douthit**, D. Grieger, L. Murray, and L. Beard. 2014. Recombinant DNA GnRH vaccine effects on stallion testicular function and hormone profiles. U.S. Department of Interior (Bureau of Land Management). \$411,553.00. Not funded.

Lillich, J. D., **T. L. Douthit**, S. P. Kukanich, K. S. Silver, and W. L. Beard. 2014. Effects of NSAIDs on the equine cecal microbiome. USDA Agriculture and Food Research Initiative Foundational Program. Animal Health and Production and Animal Products. Animal Health and Disease. \$278,213.00. Not funded.

Lillich, J. D., **T. L. Douthit**, K. S. Silver, W. L. Beard, and S. P. Kukanich. 2014. The effects of NSAIDs on the equine cecal microbiome. U.S. Equestrian Federation. \$24,222.00. Not funded.

**Douthit, T. L.** 2013. The effects of sudden dietary change on the cecal environment and the use of yeast fermentation product to ameliorate these effects. Land O' Lakes / Purina Mills. \$47,234. Awarded.

Bormann, J. M., J. M. Kouba, and **T. L. Douthit**. 2013. Equipment used in teaching equine laboratory classes. College of Agriculture Student Fee Proposals. \$1,428. Awarded.

- Douthit, T. L.** 2013. Heart rate monitors for use in ASI 695 Equine Exercise Physiology. College of Agriculture Student Fee Proposals. \$1,600. Awarded.
- Slough, T. L.** 2010-2013. The impact of dietary disruption on the microbial population in the cecum. Land O' Lakes / Purina Mills. \$58,657.75. Awarded.
- Beard, W. L., **T. L. Douthit**, and E. A. Taylor. 2012. Effect of orally administered sodium bicarbonate on cecal pH. KSU Dept. of Clinical Sciences. \$1,712.50. Awarded.
- Slough, T. L.**, and J. S. Drouillard. 2009, 2011. Laminitis Prevention in the Equine: A Probiotic Approach to Inhibit Cecal Acidosis. USDA Agriculture and Food Research Initiative. Animal Health and Well-Being: Animal Health. \$374,992. 2009- Not funded. Resubmitted in 2011. Not funded.
- Slough, T. L.** 2010. Proposal for funding the purchase of 10 equine heart rate monitors for use in ASI 695 Equine Exercise Physiology. Academic Excellence Fund through KSU Office of the Provost and Senior Vice President. \$1500. Not funded.
- Slough, T. L.** 2010. Nutritional Value of Dehydrated Corn Germ in the Equine Diet. POET Nutrition. \$40,581.60. Awarded.
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**Slough, T. L.,** and J. S. Drouillard. 2008. Glycemic Control in Equines: Effects of Diet and Exercise. Medtronic Diabetes. Gift-in-kind product request Estimated value: \$50,000. Not funded.

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**Slough, T. L.,** J. A. Bormann, S. F. DeWitt, L. W. Lomas, and J. M. Kouba. 2007. The Effect of Consuming Endophyte-Infected Tall Fescue on Digital Circulation and Soundness in the Horse. American Quarter Horse Association Foundation. \$58,279. Not funded.

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## **SCHOLARLY PRESENTATIONS and ABSTRACTS**

### Peer-Reviewed Publications

Sorensen, R. J., J. S. Drouillard, **T. L. Douthit**, Q. Ran, D. G. Marthaler, Q. Kang, C. I. Vahl, J. M. Lattimer. 2021. Effect of hay type of cecal and fecal microbiome and fermentation parameters in the horse. *J. Anim. Sci.* 99: 1-10. doi: 10.1093/jas/skaa407  
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Ochonski, P., J. S. Drouillard, **T. L. Douthit**, C. Vahl, J. M. Lattimer. 2021. Caecal fermentation characteristics of commonly used feed ingredients. *Equine Vet. J.* 53: 1056-1062. doi: 10.1111/evj.13390  
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- Halpin, M. Y., J. S. Drouillard, L. K. Fehlberg, **T. L. Douthit**, J. M. Lattimer. 2020. Effects of sodium caseinate and varying protein sources on in vitro fermentation of forages by mixed equine cecal microorganisms. *J. Equine Vet. Sci.* 91:1-8. doi: 10.1016/j.jevs.2020.103127  
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- Fehlberg, L. K., J. M. Lattimer, C. I. Vahl, J. S. Drouillard, **T. L. Douthit**. 2020. Digestibility of diets containing calcium salts of fatty acids or soybean oil in horses. *Transl. Anim. Sci.* 4: 1-12. doi: 10.1093/tas/txaa001  
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- Douthit, T. L.**, H. R. Leventhal, S. Uwituzze, M. Y. Halpin, A. L. Araujo Lopes, and J. S. Drouillard. 2019. *Megasphaera elsdenii* attenuates lactate accumulation in cultures of equine cecal microorganisms provided with starch or oligofructose. *J. Equine Vet. Sci.* 74: 1-8. doi: 10.1016/j.jevs.2018.12.013  
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- Sinclair, C. D., S. K. Webel, **T. L. Douthit**, L. M. Murray, A. L. Jager, D. M. Grieger, and J. M. Kouba. 2017. Evaluation of intravaginal triptorelin acetate gel for inducing ovulation in mares. *J. Anim. Sci.* 95: 3631-3638. doi: 10.2527/jas.2017.1373  
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- Douthit, T. L.**, S. L. Schaake, M. R. Hay McCammant, D. M. Grieger, and J. M. Bormann. 2015. Student blogs and journals as assessment tools for faculty-led study abroad trips. *NACTA Journal.* 59: 213-218.  
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**Douthit, T. L.,** J. M. Bormann, and J. M. Kouba. 2013. A retrospective look at students enrolled in an upper-level horse science class: factors that affect classroom performance. *J Anim Sci.* 91: 2976-2984. doi: 10.2527/jas.2012-5936  
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**Douthit, T. L.,** J. M. Bormann, K. C. Gradert, L. W. Lomas, S. F. DeWitt, and J. M. Kouba. 2012. The impact of endophyte-infected fescue consumption on digital circulation and lameness in the distal thoracic limb of the horse. *J Anim Sci.* 90: 3103-3111. doi: 10.2527/jas.2011-4371  
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Davis, T. L., R. C. Bott, **T. L. Slough**, J. E. Bruemmer, and G. D. Niswender. 2009. Progesterone inhibits oxytocin- and prostaglandin F<sub>2</sub>α- stimulated increases in intracellular calcium concentrations in small and large ovine luteal cells. *Biol Reprod* 82(2): 282-8. doi: 10.1095/biolreprod.109.079970  
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### Oral Presentations

Conrad, C., J. Drouillard, C. Kang, P. Ochonski, **T. Douthit**, and J. Lattimer. 2021. Evaluation of substrate:buffer ratios for in vitro cultures inoculated with equine cecal contents. Equine Science Society. Virtual.

Halpin, M. Y., J. S. Drouillard, **T. L. Douthit**, Q. Ran, B. J. Bradford, D. Marthaler, P. Ochonski, and J. M. Lattimer. 2020. Effect of increasing levels of dietary starch on equine cecal microbiota. Midwest Section, American Society of Animal Science. Omaha, NE.

Halpin, M. Y., J. M. Lattimer, J. S. Drouillard, and **T. L. Douthit**. 2019. Use of the Ankom RF Gas Production System for undergraduate research in equine nutrition. Equine Science Society Symposium. Asheville, NC.  
Abstract available at  
<https://www.sciencedirect.com/science/article/pii/S0737080619302916?via%3Dihub>

Ochonski, P., J. Drouillard, **T. Douthit**, C. Vahl, and J. Lattimer. 2019. Fermentation parameters of commonly used feed ingredients in the equine cecum. Equine Science Society Symposium. Asheville, NC.  
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- Ochonski, P., **T. Douthit**, J. Drouillard, C. Vahl, and J. Lattimer. 2019. Changes in cecal environment and forage intake of horses fed increasing amounts of starch. Equine Science Society Symposium. Asheville, NC.  
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- Halpin, M. Y., J. S. Drouillard, L. K. Fehlberg, **T. L. Douthit**, and J. M. Lattimer. 2018. Effects of casein and varying protein sources on in vitro fermentation of forages by mixed cecal microorganisms. Midwest Section, American Society of Animal Science. Omaha, NE.  
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- Horne, T. M., J. S. Drouillard, **T. L. Douthit**, C. I. Vahl, and J. M. Lattimer. 2018. Immunomodulation of supplemental omega-3 fatty acids in horses delivered via a commercially available molasses lick block. Midwest Section, American Society of Animal Science. Omaha, NE.  
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- Fehlberg, L. K., J. M. Lattimer, C. I. Vahl, J. S. Drouillard, and **T. L. Douthit**. 2018. Digestibility of calcium salt of fatty acids and soybean oil in the equine. Midwest Section, American Society of Animal Science. Omaha, NE.  
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- Jordan, K. V., J. S. Drouillard, **T. L. Douthit**, and J. M. Lattimer. 2018. Effect of sodium caseinate on equine hindgut fermentation and fiber digestion. Midwest Section, American Society of Animal Science. Omaha, NE.  
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- Lass, M.O., J.S. Drouillard, J.M. Kouba, C.I. Vahl, Y. Wei, and **T.L. Douthit**. 2016. Changes in hindgut fermentation and carbohydrate digestion in response to varying sources of nitrogen. American Society of Animal Science. Salt Lake City, UT.  
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Douthit, C. J., R. A. Cederberg, A. T. Desaulniers, J. M. Kouba, **T. L. Douthit**, D. M. Grieger, and B. R. White. 2015. Identification of GnRH isoforms and their cognate receptors in the equine testis. Equine Science Symposium. St. Pete's Beach, FL.

\*\*This presentation was awarded 2<sup>nd</sup> place in the Reproduction Section of the Graduate Student Competition.

Abstract available at [https://www.j-evs.com/article/S0737-0806\(15\)00291-9/fulltext](https://www.j-evs.com/article/S0737-0806(15)00291-9/fulltext)

Schaake, S. L., A. K. Sexten, **T. L. Douthit**, D. A. Nichols, J. M. Kouba, D. W. Moser, B. W. Schurle, and M. R. Hay McCammant. 2014. The effects of learning communities and pro-active advising on performance of first semester students. American Society of Animal Sciences. Kansas City, MO.

Abstract available on page 384 at

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Leventhal, H., **T. Douthit**, and J. Drouillard. 2012. *Megasphaera elsdenii*: potential for prevention of hindgut acidosis in equines? Phi Zeta Research Day. Kansas State University College of Veterinary Medicine. Manhattan, Kansas.

Gunkel, C. D., J. S. Drouillard, and **T. L. Slough**. 2009. The use of a handheld glucometer for measuring glucose concentrations from whole blood collected from the horse. Joint Annual Meeting of American Dairy Science Association - Canadian Society of Animal Sciences - American Society of Animal Sciences, Montreal, Quebec, Canada.

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Poster Presentations

Halpin, M. Y., **T. L. Douthit**, C. E. Evans, M. B. Braun, C. R. Stark, C. B. Paulk, and J. M. Lattimer. 2020. Acceptability of Milne blueberry juice and blueberry puree in horse feed. Midwest Section, American Society of Animal Science. Omaha, NE.

Fehlberg, L. K., J. M. Lattimer, J. S. Drouillard, and **T. L. Douthit**. 2018. Effect of cobalt chloride on fermentation of alfalfa and smooth bromegrass hay by equine cecal microorganisms. Midwest Section, American Society of Animal Science. Omaha, NE.

Abstract available at [https://academic.oup.com/jas/article/96/suppl\\_2/29/4967078](https://academic.oup.com/jas/article/96/suppl_2/29/4967078)

Sinclair, C., S. Webel, **T. Douthit**, A. Jager, D. Grieger, and J. Kouba. 2016. Application of either a single or multiple doses of an intravaginal GnRH agonist to induce ovulation in mares. American Society of Animal Science. Salt Lake City, UT.

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Schaake, S. L., **T. L. Douthit**, A. K. Sexten, and M. R. Hay McCammant. 2015. Understanding what is important to new students: Goal setting in an Animal Science Freshman Orientation Course. NACTA Conference. Athens, GA.

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Schaake, S. L., **T. L. Douthit**, and M. R. Hay McCammant. 2014. Improving written communication skills through service based learning. NACTA Conference. Bozeman, MT.

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Vesco, A. C., A. K. Sexten, S. L. Schaake, **T. L. Douthit**, and M. R. Hay McCammant. 2014. Today's animal science students: a look at students' backgrounds, interests, and perceptions. NACTA Conference. Bozeman, MT.

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Reeg, A., **T. L. Douthit**, M. E. Gordon, K. M. DeLano, M. Rhagavendra Rao, and K. K. Williamson. 2014. The effect of abrupt dietary alterations on equine cecal pH. American Society of Animal Sciences. Kansas City, MO.

Abstract available on pages 595-6 at <https://asas.org/docs/default-source/jam2014/full-abstract-pdf.pdf?sfvrsn=0>

DeLano, K. M., **T. L. Douthit**, A. Reeg, N. M. Bello, M. E. Gordon, and K. K. Williamson. 2014. pH fluctuations in the hindgut of horses relative to meal feeding. American Society of Animal Sciences. Kansas City, MO.

Abstract available on pages 446-7 at <https://asas.org/docs/default-source/jam2014/full-abstract-pdf.pdf?sfvrsn=0>

Douthit, C. J., **T. L. Douthit**, A. Reeg, N. M. Bello, M. E. Gordon, and K. K. Williamson. 2014. Utilizing fecal pH to predict cecal pH in the equine. American Society of Animal Sciences. Kansas City, MO.

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Buist, S. E., M. J. Schmidt, D. M. Grieger, C. A. Blevins, S. K. Webel, and **T. L. Douthit**, L. Murray, J. M. Kouba. 2014. Composition of follicular fluid and serum, ovarian dynamics, and IGF-1 concentrations following n-3 fatty acid supplementation in mares. American Society of Animal Sciences. Kansas City, MO.

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**Douthit, T. L.**, J. M. Bormann, S. L. Schaake, and M. H. McCammant. 2013. Blogging as a tool for assessment during an international experience. NACTA Conference. Blacksburg, VA.

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- Salmans, K., **T. Douthit**, and J. Drouillard. 2013. Effects of virginiamycin and *Megasphaera elsdenii* on cecal fermentation. K-State Research Forum. Manhattan, KS.
- Alvarado-Gilis, C., C. Aperce, J. Jones, **T. Douthit**, and J. Drouillard. 2013. Fermentation characteristics of cereal grains in batch cultured containing mixed cecal microorganisms and *Megasphaera elsdenii*. European Equine Health & Nutrition Congress. Ghent, Belgium.
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- Martinez, S. L., **T. L. Douthit**, J. M. Bormann, and J. A. Jones. 2012. Effects of sudden dietary changes on dry matter digestibility in horses. KSRE Multicultural Fellows & Transfer BRIDGE. Manhattan, KS.
- Leventhal, H., **T. Slough**, S. Uwituz, and J. Drouillard. 2011. *Megasphaera elsdenii* addition to *in vitro* cultures of equine caecal microorganisms. Eighth International Symposium on the Nutrition of Herbivores, Aberystwyth, Wales.
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- Gunkel, C. D., **T. L. Slough**, L. W. Murray, and J. S. Drouillard. 2010. The impact of molasses-based blocks versus sweet feed on blood glucose in horses. Joint Annual Meeting of American Dairy Science Association and American Society of Animal Sciences. Denver, CO.  
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- Alvarado-Gilis, C., C. Aperce, J. Jones, **T. Douthit**, and J. Drouillard. 2013. Fermentation characteristics of cereal grains in batch cultured containing mixed cecal microorganisms and *Megasphaera elsdenii*. European Equine Health & Nutrition Congress. Ghent, Belgium.
- Salmans, K., **T. Douthit**, C. Aperce, C. Alvarado-Gilis, J. Jones, and J. Drouillard. 2013. Effects of virginiamycin and *Megasphaera elsdenii* on fermentation of maize starch or oligofructan. European Equine Health & Nutrition Congress. Ghent, Belgium.
- Leventhal, H., **T. Douthit**, and J. Drouillard. 2012. *Megasphaera elsdenii*: potential for prevention of hindgut acidosis in equines? Phi Zeta Research Day. Kansas State University College of Veterinary Medicine. Manhattan, Kansas.

- Leventhal, H., **T. Slough**, S. Uwituze, and J. Drouillard. 2011. *Megasphaera elsdenii* addition to *in vitro* cultures of equine caecal microorganisms. Eighth International Symposium on the Nutrition of Herbivores, Aberystwyth, Wales.
- Gunkel, C. D., J. S. Drouillard, L. W. Murray, and **T. L. Slough**. 2010. The impact of molasses-based blocks versus sweet feed on blood glucose in horses. *J Anim Sci* Vol 88 E-Suppl 2: 638.  
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- Gradert, K. C., J. M. Bormann, S. F. DeWitt, L. W. Lomas, J. M. Kouba and **T. L. Slough**. 2009. The effect of consuming endophyte-infected tall fescue on lameness in the horse. *J Anim Sci* Vol 87 E-Suppl 2: 773.  
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- Gradert, K. C., J. M. Bormann, S. F. DeWitt, L. W. Lomas, J. M. Kouba, and **T. L. Slough**. 2009. The use of thermal imaging to monitor temperature in the hoof of horses consuming endophyte-infected tall fescue. *J Anim Sci* Vol 87 E-Suppl 2: 774.  
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## PATENTS

- Drouillard, J.S., K. Miller, R.S. Beyer, C.C. Aperce, S. Uwituze, T.J. Bina, J.M. Lattimer, **T.L. Douthit**, C.M. Bohay, K. Jordan, C.D. Gunkel, and T. Hammett. Microbial

cells, methods of producing, and uses thereof. Patent number 11,492,587 issued Nov. 8, 2022.

## GRADUATE STUDENT SUPERVISION

### Role: Mentor

Student	Degree	Area of Emphasis	Date
Clarissa Conrad	MS	ASI – Animal Nutrition	2021-2022
Michael (Halpin) Sandwick	MS	ASI – Equine Nutrition	2017-2022
Laura Fehlberg	MS	ASI – Equine Nutrition	2015-2017
Molly Lass	MS	ASI – Equine Nutrition	2014-2016
Amanda Reeg	MS	ASI – Equine Nutrition	2013-2015
Tasha Dove	MS	ASI – Equine Nutrition	2013-2015
Courtney Douthit (co-advised with Joann Kouba)	MS	ASI – Equine Physiology	2013-2015
Hannah Leventhal	MS	ASI – Equine Nutrition	2012-2015
Kristi (Wright-Burton) O’Riley	MS	ASI – Equine Nutrition	2011-2014
Jessica Jones	MS	ASI – Equine Nutrition	2011-2015
Christina Gunkel	MS	ASI – Equine Nutrition	2010-2012
Kindra (Gradert) Callahan	MS	ASI – Equine Nutrition	2008-2010

### Role: Member of Supervisory Committee

Student	Degree	Area of Emphasis	Date
Clarissa Conrad	MS	ASI – Animal Nutrition	2019-2021
Patricia Ochonski	PhD	ASI – Animal Nutrition	2017-2021
Rachel Sorensen	MS	ASI – Animal Nutrition	2017-2019
Taylor Horne	MS	ASI – Animal Nutrition	2015-2018
Katherine Jordan	MS	ASI – Animal Nutrition	2015-2017
Cianna Scaletti	MS	ASI – Animal Nutrition	2015-2017
Chelsea Sinclair	MS	ASI – Reproductive Physiology	2013-2015
Liz Taylor, DVM	MS	CVM – Equine Nutrition	2012-2014

## OTHER PUBLICATIONS

B.C. Pedreira, **T.L. Douthit**, and J. Yasuoka. 2023. Pasture Management for Horses.

KSRE MF3634. <https://www.bookstore.ksre.ksu.edu/pubs/MF3634.pdf>

**Slough, T.L.** 2008. Hot Topics in Equine Nutrition. Extension Bulletin. High Plains Horseman’s Day, Oakley, KS.

Pedreira, B.C., J.I. Yasuoka, and **T.L. Douthit**. 2023. Grazing Tips for Horse Owners in Kansas Forage and Grassland Council’s Quarterly Newsletter. May 2023.

## OTHER PRESENTATIONS

Delivered webinars as part of monthly webinar series for Kansas 4-H youth enrolled in the horse project. Webinars were initially delivered live with live attendance, and then recordings were posted and available thereafter. In February 2023 the webinars shifted to pre-recorded presentations that were posted for 4-H families to view on demand. Available at <https://www.kansas4-h.org/projects/animal-science/horse/equine-webinar-series.html>.

*The Danish System and 4-H Horse Shows*. April 2022.

*The Kansas 4-H Horse Show Rulebook*. May 2022.

*Showmanship Tips*. January 2023. Largest live attendance (31) of series.

*All About Horse Judging*. February 2023.

Featured in Mueller M. 2021. *Keeping a horse in good condition helps performance*. Kansas Stockman – Ranch Horse Issue. Sept.: 22.

Oral presentation. 2019, 2020. *Animal Science Update*. Kansas Equine Practitioners bi-annual meeting.

Television interview. 2015. *Feeding the Geriatric Horse*. “Doc Talk” airs on RFD TV and [www.doctalktv.com](http://www.doctalktv.com).

Radio interview: *Winter Forages for Horses*. “Agriculture Today” airs on K-State radio. November 19, 2015.

Radio interview: *Winter Horse Care*. “Agriculture Today” airs on K-State radio. January 7, 2013.

Featured in: Bazay, C. 2012. *Could endophyte-infected fescue cause lameness in horses?* The Horse. Nov: Article #30825. Available at <http://www.thehorse.com/articles/30825/could-endophyte-infected-fescue-cause-lameness-in-horses>

Featured in: Kentucky Equine Research. 2013. *Another possible risk linked to fescue in pastures*. Nutrition and Health Daily.

Featured in: Domer, L. 2008. *Keeping score*. America’s Horse. Nov: 30-34.

Television interview: *Pasture Laminitis*. “Ag Today” airs on KTKA Topeka. April 2008.

Radio interview: *Feeding the Working Horse through the Winter*. “Agriculture Today” airs on K-State radio. January 3, 2008.

Television interview: *Winter Horse Care*. “Ag Today” airs on KTKA Topeka. January 2008.

Television interview: *Equine Ulcers and Alfalfa*. “Ag Today” airs on KTKA Topeka. January 2008.

Featured in: Hein, J. 2008. *Poison in your pasture?* Paint Horse Journal. June: 36-42.

Featured in: Buchman, F.J. 2006. *Ways to stretch high-priced winter feed supplies*. Grass & Grain. Dec. 19: 18.

## **UNIVERSITY AND EXTENSION/YOUTH SERVICE**

President – Kansas State University Faculty Senate President. Elected by fellow Senators to serve as President Elect of KSU Faculty Senate for 2023-2024, President for 2024-2025, and Past President for 2025-2026.

Committee Member – Kansas State University Department of Animal Sciences & Industry. Elected member of departmental *Faculty Evaluation Committee* that helps guide assistant and associate professors through the evaluation, tenure, and promotion process. 2022-present.

Author – Kansas State University Department of Animal Sciences & Industry’s *Assessment Report* for Equine Science Certificate. Coordinate data collection for the Department’s assessment of its students enrolled in the Equine Science Certificate. Work with Dr. Joann Kouba to compile data and compose report for submission to the University’s Director of Assessment. 2012-present.

Committee Member – Kansas State University Department of Animal Sciences & Industry *Teaching Advisory Committee*. Address issues related to undergraduate education. Topics include curriculum development, developing and articulating departmental student learning objectives, conducting senior exit interviews, and individual course modifications. 2012-present.

Committee Member – *Kansas 4-H Horse Action Team*. Statewide committee to provide support to the 4-H horse program. Committee is tasked with writing and editing the rulebook and hosting statewide events, such as the Kansas State Fair 4-H Horse Show, Equine Extravaganza, and Horse Panorama. 2019-present.

Senator – Kansas State University. Elected to represent the Department of Animal Sciences & Industry and the College of Agriculture on the University’s *Faculty Senate*. 2017-2020, 2021-2023.

Committee Member – Kansas State University. Member of university-wide *Academic Affairs* committee that evaluates curriculum changes, new course



proposals, and other issues related to academic affairs at the university. 2019-2020, 2022-present.

Clinician – Kansas State Research & Extension. Present a clinic on horse showmanship to youth in the Flint Hills District. 2023.

Committee Member – Kansas State University. Member of university-wide *Academic Records, Processes and Systems* committee that evaluates academic processes and systems at the university. 2022.

Chair – Kansas State University Faculty Senate Agriculture Caucus. Elected to lead the College's Caucus as it relates to the University Faculty Senate. Schedule meetings, organize elections, facilitate discussion. 2021-2022.

Author – Kansas State University Department of Animal Sciences & Industry's *Assessment Report*. Coordinate data collection for the Department's assessment of its teaching program. Compile data and compose report for submission to the University's Director of Assessment. 2016-2020.

Judge – Kansas State University. Judge the Department of Animal Sciences & Industry's *Undergraduate Research Forum*. Evaluate and score abstracts, posters, and presentations to select scholarship winners. 2019.

Judge – Kansas FFA. Judge presentations by high school students who conducted research projects related to animal health and production. 2019.

Invited Panelist – Tips for Navigating the *Tenure Process*, Kansas State University College of Agriculture. Served as a panelist to give advice to graduate students and assistant professors on successfully navigating the tenure process. 2016.

Committee Member – Kansas State University Student Services for *Intercollegiate Athletics Review* Committee. Appointed by provost to participate in comprehensive review of services provided by the Athletic Department to student athletes. Specifically, I worked with one other committee member to conduct an evaluation of the Student Athlete Leadership Academy. 2015.

Coordinator – Youth *horse judging camp*. Organize and coordinate camp for 4-H and FFA youth to improve horse judging skills in placings and oral reasons. Proceeds benefited the Kansas State University horse judging team. 2008-2015, 2022.

Coordinator – Kansas FFA State Career Development Event (*Horse Judging Contest*), Manhattan, KS. Organize the state championship horse judging contest that attracts approximately 150-175 contestants annually. Secure location, acquire

horses and helpers, develop written test, and coordinate officials. 2008-2015, 2022. Assist new coordinator in running contest and securing horses. 2016-2021.

Committee Member – National NACTA Contests. Assist in developing and conducting *equine contest* for national NACTA competition. 2017.

Faculty Advisor – KSU *Intercollegiate Horse Show Association* Hunter Seat Club Team. Supervise club activities and help coordinate club events. Team placed in national competition both in 2016 and 2017. 2014-2017.

Committee Member – Departmental *Scholarship Committee*. Review selection criteria and select student recipients for all scholarships offered through the Department of Animal Sciences & Industry. 2013-2014.

Committee Member – *All-University Campaign*. Serve as representative of college and department on university-wide fundraising campaign. Speak to groups, distribute campaign materials, and provide input to campaign leadership. 2013-2014.

Search Committee Chair – Kansas State University.  
Dept. of Animal Sciences & Industry, equine faculty position. 2014.

Search Committee Member – Kansas State University.  
Dept. of Animal Sciences & Industry, travel and student hiring associate, 2022-2023.  
University, student success technology manager. 2021.  
Dept. of Animal Sciences & Industry, professor and department head. 2019.  
Dept. of Animal Sciences & Industry, professor and interim department head. 2017.  
Dept. of Animal Sciences & Industry, professor and department head. 2017.  
Dept. of Animal Sciences & Industry, assistant professor and coordinator of undergraduate research. 2015-2016.  
Dept. of Animal Sciences & Industry, student services coordinator. 2015.  
Dept. of Animal Sciences & Industry, rodeo coach. 2014.  
Dept. of Animal Sciences & Industry, livestock judging coach. 2012.  
College of Agriculture, events coordinator. 2010.  
Beef Cattle Research Center, research assistant. 2010, 2014.  
Dept. of Animal Sciences & Industry, equine faculty position. 2005.

Co-coordinator – National Academic *Quadrathlon*. Co-coordinate the equine component of the national competition, hosted by Kansas State University. 2014.

Judge – Kansas FFA Career Development Event, *Extemporaneous Speech* Competition. 2014.

Departmental Volunteer Service – Kansas State University Department of Animal Sciences & Industry.

Football tailgate food server. 2010.

Departmental retreat- activity coordinator. 2010-2017.

Social committee. 2008, 2013.

Horse Provider, Reasons Scorer – Kansas State 4-H *Horse Judging* Contest.

Provide and handle/ride horses in halter and performance classes for state contest that includes approximately 75-100 youth annually. Organize classes, obtain reasons listeners, and provide general organization to the contest. Also officiate and listen to reasons as needed to support 4-H horse program coordinator. 2008-2012, 2016, 2022.

Committee member – Kansas State University *Equine Educational Center*.

Organize meetings with equine faculty to list and prioritize desired components of proposed Equine Educational Center. Speak to various groups promoting the Center, including individuals from the City of Manhattan, Manhattan Chamber of Commerce, Kaw Valley Rodeo Club, Riley County Fair Board, Pottawatomie County, Riley County and University Social Club. Organize trips to visit equine facilities in Tennessee and Colorado. Present updates to the Livestock and Meat Industry Council. Travel to events such as the American Royal Boots & Business Luncheon and the American Quarter Horse Association World Championship Show. 2004-2012.

Invited Panelist – Kansas State University College of Agriculture Teaching and Advising Workshop. Serve as panelist and speaker on *undergraduate research* forum. 2012.

Judge – Kansas State University *Equestrian Team*. Judge team scrimmage, score rides, and provide constructive feedback. 2012-2013, 2015.

Advisor – Kansas State University *Block & Bridle*. Serve as faculty adviser to club with 80+ members. Twice monthly meetings, campus activities, and attend National Conventions in Lansing, MI; Louisville, KY; and San Antonio, TX. 2008-2011.

Official – National 4-H *Horse Judging* Contest at the National Western Stock Show, Denver, CO. Serve as a contest official by assigning placings and cuts to halter and performance classes. Listen to and score contestants' oral reasons. 2003, 2010, 2011, 2015, 2016.

Judge – Animal Science *Quadrathlon*. Evaluated and scored oral presentations. 2007-2010.

Instructor – Kansas 4-H *Discovery Days*. Taught Discovery Days participants about intercollegiate equestrian. Discussed the differences between club and varsity teams and what it takes to earn a spot on the KSU team. 2007. Also taught 4-H students about equine opportunities at Kansas State University. 2010.

Faculty-led Study Abroad – Travel with Dr. Joann Kouba to Madrid, Spain, to meet with tour operator and plan student trip. 2009.

Ring Steward – Kansas State Fair 4-H *Horse Show*. Manage activities inside the show arena and serve as a liaison between 4-Hers and their parents to the judges. 2008, 2009.

Clinician – Youth *horse judging camp*. Instructed campers on proper technique and terminology for oral reasons. Camp proceeds to benefit the Kansas State University Horse Judging Team. 1998-2000, 2007-2009.

Jumping Safety Judge – Kansas State Fair 4-H *Horse Show*. Coordinate and direct events inside arena and evaluate riders during jumping supervised warm-up to determine contestants' suitability to compete in over-fence classes. 2008.

Committee Member - Little American Royal (LAR) *Scholarship Selection* Committee. Responsible for selecting recipient of LAR scholarship award. 2008.

Laboratory Coordinator – Kansas State University Animal Science Quadrathlon. Collaborated with equine faculty to design and monitor equine laboratory section. 2008.

Reasons Scorer – Kansas State FFA Livestock Career Development Event. Listened to and scored contestants' reasons at state championship *livestock judging* contest. 2007.

Clinician - *Horsemanship camps* and clinics, Manhattan and Tribune, KS. Organized and conducted camps and clinics, providing instruction to youth on proper safety and horsemanship skills. 2005-2007.

Invited Speaker – Manhattan area clubs. Speak to various clubs promoting the equestrian team and the proposed Equine Center, including the Rotary, Lions, Kiwanis, Solar Kiwanis, Breakfast Optimist and Sertoma clubs. 2004-2007.

Horse Provider – Kansas State FFA *Horse Judging* Contest, District FFA Horse Judging Contest and Little American Royal. Provided horses for various on-campus events. 2005.

Clinician – Labette County, KS. Organized and conducted two-day *horse judging* clinic for FFA and 4-H horse judging teams in southeast Kansas and Northeast Oklahoma. 2005.

Horse provider and official - EquiFest of Kansas, Wichita. Provide horses for *horse judging contest, horsemanship and showmanship clinics*. Served as an official for the youth horse judging contest. 2005.

Official – Rocky Mountain Horse Expo, Denver, CO. Determined official placings and cuts on *horse judging* classes, and listened to and scored 4-H and collegiate reasons. 2003, 2004.

Superintendent – Adult 4-H *Horse Show Judges' Exam*, Rocky Mountain Horse Expo, Denver, CO. Organized and conducted testing session to approve judges for Colorado 4-H Horse Program. 2002, 2003.

Clinician – Eagle County Clinic, Eagle, CO. Instruct youth riders for two days on proper *hunter/jumper equitation*. 2002.

Official – Colorado 4-H and FFA Horse Judging Contests. Served as an official at *horse judging* contests across Colorado, including state championship contests. 2002.

Judge/Clinician – Jefferson County Show Clinic, CO. Judged and provided instruction to 4-H *horse show* contestants. 2002.

Judge – Colorado State University Equestrian Team. Judge *equestrian team* scrimmage to determine who was going to compete at the next competition. 2001.

Recruiter – Colorado State University. Represent Colorado State University and recruit students at the American Quarter Horse Association Youth World Championship Show. 2001.

Official – Wyoming 4-H/FFA *Horse Judging* Contest, Cheyenne. Put official placings and cuts on classes, scored reasons and gave official critique. 2001.

Invited Speaker – Kansas State University Alumni and Catbacker Events. Travel throughout Kansas to educate alumni groups about the sport of equestrian and how the sport was being implemented at Kansas State University. 2000-2001.

Official – Equifest of Kansas and Kansas State 4-H and FFA *Horse Judging* Contests, Wichita and Manhattan. Served as an official judge and reasons scorer for state youth horse judging competitions. 2000, 2001.

Extension Assistant – Kansas State University. Assist in organizing and conducting *horse judging contests, horse bowls, and state horse panorama*. Also represent university at horse sales, shows, and expositions. 1998-2001.

Official – Kansas 4-H and FFA *Horse and Livestock Judging* Contests. Put official placings and cuts on classes in horse and livestock judging contests throughout the state. 1997-2001.

Clinician – Kansas 4-H. Traveled across Kansas and conducted *horsemanship clinics* in conjunction with level testing. 2000.

Founding Coach – Kansas State University *Equestrian Team Club*. Helped develop and coached the first KSU Equestrian Club. Organized practices, coached riders, and traveled to competitions across the country. Subsequently worked closely with the Athletic and Animal Science departments to add equestrian as a women's varsity sport at KSU. 1999.

## **PROFESSIONAL SERVICE**

Ad hoc Reviewer – *Journal of Animal Science, Journal of Equine Veterinary Science, Natural Sciences Education, Scientific Reports*. Review manuscripts submitted by peers for publication. 2012-present.

Chair – Midwest Section, American Society of Animal Science, *Equine Symposium*. Coordinate committee activities, including developing a theme, securing guest speakers, evaluating abstracts, and scheduling programming for the 2018 meeting. Serve as moderator of session. 2017-2018.

Judge – Midwest Section, American Society of Animal Science, *Undergraduate Poster Competition*. Score abstracts, presentations, and poster content of contestants in undergraduate competition. 2018.

Committee Member - Midwest Section, American Society of Animal Sciences, *Outstanding Young Scientist in Teaching Award Committee*. Review nomination packets, evaluate nominees, and rank selections. 2015-2016.

Committee Member – Midwest Section, American Society of Animal Sciences, *Equine session*. Assist committee chair in selecting a focus topic for the session. 2015-2016.

Committee Member and Chair – Equine Science Society *Student Competition Committee*. Secure judges, develop score sheets, and tally points to name award winners for the graduate and undergraduate student competitions for the national meeting of the Equine Science Society. Member 2013, Chair 2015.

Consult with *Kansas Department of Agriculture* regarding equine industry in Kansas. 2016-2018.

Consult with *Saddle & Sirloin Club* in Kansas City, MO, regarding nutrition program for resident horses. 2015.

Reviewer - *Animal Science Image Gallery*, a project of the USDA National Agricultural Library and the American Society of Animal Science. Review content and descriptions of images submitted for sharing and instruction. 2007-2008.

Committee Member – *Varsity Equestrian National Steering Committee*. Provide input, participate in discussions, and vote on policies developed to promote, develop, and regulate intercollegiate varsity equestrian competition. Also active member of championship and competition committees. 2004-2007.

Symposium Staff – *International Symposium on Equine Reproduction (ISER)*, Ft. Collins, CO. Assisted in hosting the ISER meetings, including transporting participants, running session audio/visual equipment and monitoring practice rooms. 2002.

## COMMUNITY AND WORLD

Blood donor – Red Cross. Regular donor of A<sup>-</sup> blood. 1998-present.

Active Member – Junction City Saddle Club, Black Jack Saddle Club, and Eastern Kansas Horseman's Association. Participate in club meetings and assist in running horse shows. 2017-present.

Officer – Junction City Saddle Club vice president, 2020-present.

Active parishioner and lector - St. Francis Xavier Catholic Church, Junction City, KS. 2016-present.

St. Isidore's Catholic Student Center, Manhattan, KS. 2004- 2012.

Parishioner - St. Thomas More Catholic Church, Manhattan, KS. 2012-2015.

Coach – Coach youth horse judging team comprised of 4-H members from Geary, Riley, and Pottawatomie counties.

2023 EquiFest of Kansas – champion junior team

2023 Pinto World Championship – champion junior team

2023 Kansas State 4-H horse judging contest – champion junior team

Board Member – Elected to Program Development Committee for Geary County K-State Research and Extension. Committee is responsible for planning and conducting educational programs in agriculture, family & consumer sciences, 4-H youth development, and community vitality. 2019-present.

Clinician – Black Jack Saddle Club Educational Clinic, Manhattan, KS. Talked to youth and adults about proper dress and attire at a horse show. Also gave tips related to a variety of horse show events. 2017.

Ring Steward – Kansas Quarter Horse Association. Help judges, direct arena traffic, and assist in general show duties at the “Hope in the Heartland” quarter horse show. Proceeds benefit area therapeutic riding programs. 2007-2010.

Mentor - Allowed 8<sup>th</sup> grade student, Brandi McCoy, to job shadow me. Talked to her about career opportunities, educational requirements, and goals. Allowed her to audit my classes. 2009.

Coaches’ Coordinator – U.S. National Arabian Horse Show, Albuquerque, NM. Ensured that contest followed National Horse Judging Team Coaches’ Association rules and coordinated official placings and cuts. 2005.

Speaker – Greeley Saddle Club, Greeley, CO. Spoke about the judge’s perspective at a horse show. 2002.

## **OTHER WORK EXPERIENCE**

Riding Instructor – Coached youth riders in both Western and English aspects of riding. 1994-2001, 2006-2007.

Animal Caretaker – Kansas State University Veterinary Teaching Hospital. Cared for research animals, including dogs, cats, rats, mice and rabbits. 1998.

Equine Caretaker – Paint A Heart Farms, Greg and Martha Gehlhoff, Manhattan, KS. Fed, exercised and groomed Paint broodmares and foals. Also started two-year-old mare under saddle. 1998.

Groom – David Coleman Halter Horses, Andover, Kansas. Groomed, exercised and fed nationally-competitive halter horses. Also instructed youth competitors. 1996.

## **HORSE SHOW JUDGING EXPERIENCE**

### Judging Cards Held:

American Quarter Horse Association (AQHA) Specialized Level 1/Novice Judge. 2008-2017.

### AQHA Judges’ Seminars attended:

Texas – 2009, 2011, 2013, 2015.  
North Carolina – 2008.

### AQHA Level 1/Novice Shows judged:

Swanzey, NH. 2017.  
Hutchinson, KS. 2012.  
Scott City, KS. 2009.



Monroe, WA. 2009.  
Kingman, KS. 2008.  
Elbert, CO. 2008.

International Shows

Manitoba Superhorse 50/50 Futurity. Brandon, Manitoba, Canada. 2017.

State Fairs and State 4-H/FFA Championship Shows

Nebraska State 4-H Horse Show. Grand Island, NE. 2016.  
Oklahoma State 4-H Horse Show. Shawnee, OK. 2015.  
Iowa State 4-H Horse Show, Des Moines, IA. 2009.  
Iowa State FFA Horse Show, Des Moines, IA. 2007, 2008.  
North Dakota State 4-H Horse Show, Minot, ND. 2006, 2007.  
Mississippi State 4-H Horse Show, Jackson, MS. 2007.  
Missouri State Fair 4-H Horse Show, Sedalia, MO. 2005.

4-H District Horse Shows

Southwest District 4-H Horse Show. Dodge City, KS. 2015, 2016.  
South Central District 4-H Horse Show. Kingman, KS. 2008, 2014.  
Northwest Kansas 4-H District Horse Show, Oakley, KS, trail judge. 2013.  
Northwest District 4-H Horse Show, Oakley, KS. 2009.  
Southeast District 4-H Horse Show, Parsons, KS. 2009, 2016.  
Southwest District 4-H Horse Show, Garden City, KS. 2002.

Eastern Kansas Horseman's Association Shows (EKHA)

Abilene, KS. 2012, 2015.  
Clay Center, KS. 2009, 2010.  
Junction City, KS. 2005, 2006, 2009.

Kansas State Horse Show Circuit Shows

Perry, KS. 2015.  
Topeka, KS. 2010, 2011, 2013.  
Gardner, KS. 2005.

Intercollegiate Horse Show Association Shows (IHSA)

Western Show, Lincoln, NE. 2015.  
Western Show, Colby, KS. 2012, 2014, 2017.  
Western Regional Competition, Lincoln, NE. 2012, 2014.  
Western Show, Lincoln, NE. 2008, 2009  
Western Show, Oakley, KS. 2007, 2009.

South Central Stock Horse Association Shows (SCSHA)

Hutchinson, KS. 2011, 2012.  
Kingman, KS. 2010, 2015, 2016.

4-H/FFA Horse Shows

Washburn Rural FFA Horse Show, Topeka, KS. 2013.  
Ak-Sar-Ben 4-H Horse Show, Lincoln, NE. 2010.  
Platte County Fair 4-H Show, Columbus, NE. 2010.  
Fremont 5-County Show, Fremont, NE. 2010.  
Ak-Sar-Ben 4-H Horse Show, Omaha, NE. 2009.  
Morris County 4-H Horse Show, Council Grove, KS. 2008.  
Harvey County 4-H Horse Show, Newton, KS. 2008.  
Wyandotte County Fair, Kansas City, KS. 2006.  
Shawnee County Horse Show, Topeka, KS. 2005.  
Bates County Fair, Butler, MO. 2005.  
Moffat County Fair, Craig, CO. 2002.  
El Paso County Fair, Colorado Springs, CO. 2002.  
Mini-State Fair, Grand Junction, CO. 2002.  
Adams County Show, Brighton, CO. 2002.  
Rock Springs Show, Rock Springs, WY. 2002.  
Larimer County 4-H Horse Show, Loveland, CO. 2002.  
Boulder County 4-H Horse Show, Longmont, CO. 2002.

Other shows judged:

High Plains Horse Show, Dodge City, KS. 2008.  
Northeast Kansas Small Area Group Horse (NEKSAG) Show, Topeka, KS.  
2007.  
Halter and Pleasure Futurity, Albany, MO. 2005.  
Club Horse Show, Arvada, CO. 2002.  
Greeley Saddle Club Show, Greeley, CO. 2002.  
Black Jack Saddle Club, Manhattan, KS. 2000.

Pony of America (POA) Breed Shows

Tulsa State Fair POA Futurity, Tulsa, OK.  
POA Show, Kingman, KS.

Prior to August 2000, judged 4-H and club shows in:

Colby, KS  
Nevada, MO  
Garden City, KS  
Kingman, KS  
Clay Center, KS  
Hutchinson, KS  
Ottawa, KS

*In 2017 decision was made to discontinue judging horse shows in order to re-establish amateur status for competition purposes. Have continued industry involvement by showing own horses rather than judging.*

**MEMBERSHIPS AND CONFERENCES**

Memberships:

Equine Science Society. 2007-present.  
Kansas Horse Council. 2010-present.  
American Quarter Horse Association. 1990-present.  
Black Jack Saddle Club. 2004-present.  
Eastern Kansas Horseman's Association. 2008-2010, 2014-present.  
Junction City Saddle Club. 2019-present.  
    Vice president, 2020-2023.  
South Central Stock Horse Association. 2019-2022.  
National Reining Horse Association. 2019-2022.  
North American Colleges & Teachers of Agriculture (NACTA). 2013-2019.  
American Society of Animal Science. 2008-2019.  
Kansas Quarter Horse Association. 2008 - 2010.  
Palomino Horse Breeders of America. 2007.  
United States Equestrian Federation. 2005-2007.

Conferences Attended:

Equine Science Society.  
    Virtual. 2021.  
    Asheville, NC. 2019.  
    St. Pete's Beach, FL. 2015.  
    Ruidoso, NM. 2013.  
    Keystone, CO. 2009.  
    Hunt Valley, MD. 2007.  
American Society of Animal Sciences.  
    Salt Lake City, UT. 2016.  
    Kansas City, MO. 2014.  
    Denver, CO. 2010.  
    Montreal, Quebec, Canada. 2009.  
    Indianapolis, IN. 2008.  
American Society of Animal Sciences, Midwest Section.  
    Des Moines, IA. 2010, 2014, 2015.  
    Omaha, NE. 2018, 2020.  
North American Colleges and Teachers of Agriculture.  
    Blacksburg, VA. 2013.  
Kansas Governor's Summit on Agricultural Growth.  
    Manhattan, KS. 2017, 2018, 2019, 2020.  
Kansas Equine Practitioners bi-annual meeting.  
    Manhattan, KS. 2019, 2020.  
European Equine Health & Nutrition Congress.  
    Ghent, Belgium. 2013.  
K-State Research & Extension Annual Conference.  
    Manhattan, KS. 2007-2011.  
Axio Learning Conference.

Manhattan, KS. 2009-2011.

## **PROFESSIONAL DEVELOPMENT & TRAINING**

### Seminars, Retreats, Classes & Workshops

Kansas State University Academic Advising Institute. 2013-2017, 2019-2023.

Kansas State University Teaching Retreat. 2008-2018, 2020.

College of Agriculture Teaching/Advising Retreat/Workshop. 2008-2019, 2021-2022.

KSU Advancement of Women in Science & Engineering (KAWSE) Inclusive Leadership Series. Read *An Inclusive Academy: Achieving Diversity and Excellence* by Stewart and Valian and participate in associated book club. 2020-2021.

*It's in the details: Master status, assumptions, and psychographics* with Dr. Jessica Elmore. 2021.

*Bandwidth Recovery: Helping Students Reclaim Cognitive Resources Lost to Poverty, Racism, and Social Marginalization* workshop with Cia Verschelden. 2021.

*Biosecurity, Infectious Disease, and the Animal-Human Interface* virtual conference hosted by Coalition for Epi Response, Engagement and Science. 2021.

Attend webinar *Tips from HERS Alumnae*. 2020.

Effective Teaching Practices 25-week online course developed by ACUE (Assoc. of College and University Educators). 2018-2019.

Kansas State University GIFTS (Good Ideas for Teaching Success) summer workshop series. 2018.

Department of Animal Sciences & Industry spring retreat. 2007-2017.

Department of Animal Sciences & Industry Teaching Retreat. 2011-2013.

Using the Student Success Collaborative training sessions. 2018.

Engaging Students to Improve Evaluations and Student Learning. 2018.

Critical Thinking in the Classroom. 2017.

AQHA Judges' Educational Seminar. 2008, 2009, 2011, 2013-2015.

Breaking the Bias Habit. 2017.

Spotlight K-State (teaching tips). 2014.

Discovering Emotional Intelligence. 2014.

Best Practices in the Design & Implementation of USDA Grant Projects. 2014.

The Art of Drafting a Patent Application. 2013.

KSU Brain Scholar. Read book *How the Brain Learns* by David Sousa and attended workshop with same theme. 2013.

Simple Strategies for Student Success 2-day workshop. 2013.

Kansas State University Teaching, Learning & Technology Showcase. 2011.

Higher Education Challenge (HEC) Grant Workshop. 2010.

Dealing with Project Evaluation and Broader Impacts (NSF). 2010.

Prezi: Single Canvas, Dynamic Design, Presentation Pizzazz. 2010.

Writing Excellent Grant Proposals. 2010.  
College of Veterinary Medicine Pre-vet Advising Workshop. 2007-2010,  
2017.  
National Science Foundation Funding Opportunities and Funding Strategies.  
2009.  
Adobe Connect Web Conferencing. 2009.  
Quick Tips: Online Course Accessibility. 2008.  
Liability Issues Related to Advising Clubs. 2008.  
A Portal to New Media Literacy: Engaging New Technologies to Engage  
Students. 2008.  
COACHing Strong Women in the Power of Strategic Persuasion. 2008.  
Utilizing RefWorks. 2008.  
RSS Feeds. KSU Technical Services. 2008.  
Using You Tube in the Classroom. 2008.  
Recognize, Respond and Confront Hate in the Classroom. 2007.  
Utilizing Social Media. 2007.

#### Webinars

Advising Black Males, National Academic Advising Association  
(NACADA). 2020.  
SIBR/STTR Overview. 2013.  
Strategies for Getting the Most from University-Industry Collaborations.  
2012.  
Crafting a Sales Pitch for Your Grant Proposal. 2012.  
NACADA Academic Advising: Academic Advising & Support in Residential  
Learning Communities. 2008.  
West Nile Disease in Horses. 2007.  
NACADA Academic Advising: Key to Success & Persistence of Students.  
2007.  
Learn To Make Better Acrobat Files. 2007.

#### Others

Women in Engineering & Science luncheons. 2007-2008.  
National Block & Bridle Convention.  
2010-2011 Lansing, MI  
2009-2010 Louisville, KY  
2008-2009 San Antonio, TX