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MISSISSIPPI STATE UNIVERSITY

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UPCOMING EVENTS

ADS 2223 STUDENTS VOLUNTEER AT ANIMAL SHELTER



The ADS 2223
Companion Animal
students are
volunteering at a local
animal shelter.

Working in pairs, they assist with daily activities at the shelter in Louisville, Mississippi. The shelter was shortstaffed and the students volunteered to assist with daily duties.

Director of the shelter, Barbara Yarborough, trained, coordinated and assessed the students.

The students are also raising funds by selling Avon bubble bath.

If you are interested in contributing, please contact ADS 2223 instructor, Dr. Molly Nicodemus at 325-9271.

BEEF IMPROVEMENT FEDERATION





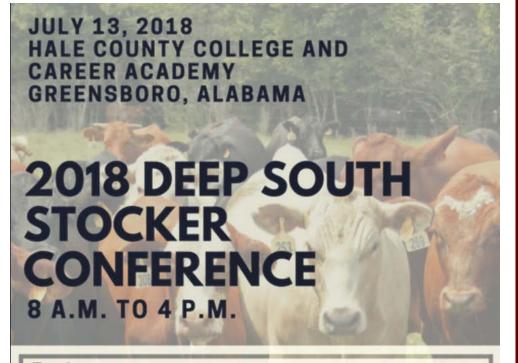
BIF

Have you registered yet for the 50th BIF Research Symposium and Convention? Be sure to visit https://beefimprovement.org/ for a complete schedule and registration information. Early registration ends May 31.

Founded in 1968, BIF's mission is to help improve the industry by promoting greater acceptance of beef cattle performance evaluation.

2018 DEEP SOUTH STOCKER CONFERENCE





Topics:

Forage and Supplemental Nutrition Receiving Calf Health Management Market and Weather Outlook Producer Panel

Register at:

http://www.deepsouthstocker.org/registration/

Contact:

Dr. Kim Mullenix: (334) 844-1546 or Brenda Glover: (334) 624-8710







Join us for the 2018 Deep South Stocker
Conference and learn more about stocker production.

MSU HORSE SALE



MSU Horse Sale Bid May 11-13, 2018

Viewing at Horse Unit Open House 5/5 from 9-11 am

Athleticism

Quality

Versatility





Facebook: Mississippi State University Horse Unit Contact: Ashley Shiffler - (580) 795-4349 - aes779@msstate.educk, Convenient Bidding At AUCTION.MSUCARES.COM

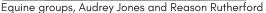
Bidding begins at 8 am the 11th and closes at 8 pm the 13th

RUN FOR THE ROSES BANQUET











The second annual Run for the Roses
Banquet was a huge success!
Thank you for everyone who came out to support the horse judging and equestrian teams!

They presented a live viewing of the 144th Kentucky Derby. There was a live and silent auction as well as a dinner.

CONGRATULATIONS TO MARY CLAIRE CORNETT



Mary Claire and Coach, Ashley Shiffler



Congratulations to Mary Claire Cornett for earning 5th place at the IHSA National Championships!

We are so proud of you for your hard work and determination and blessed to have you on this team!

MSU COLLEGIATE CATTLEMEN'S ASSOCIATION HEADS TO BRAZIL





"If our trip in Brazil is anything like our first full day, then we are off to a great start. We spent the whole day at Embrapa learning about their research with different forages and their Nelore cattle."

-Sara Terrell

Beef Extension- Dr. Brandi Karisch & Cobie Rutherford



May 17: Webster/Choctaw County

Eupora BQA Training

May 27-28: MSU ADS Alumni Weekend July 13: Deep South Stocker Conference

Equine Events- Dr. Clay Cavinder



June 1-3 MSU Horse Judging Camp

4-H Events- Dr. Dean Jousan



May 19: 4-H Livestock Judging Contest MSU South Farm

Dairy Events- Dr. Amanda Stone



August 25: Ice cream and a Moo-vie September 20-21: Calf College September 27-29: Breakfast on the Farm



2018 Refereed Publications

- T. Williams, B. Rude, S. Liao, C. Mochal-King, M. Nicodemus. Effects of fat supplementation on plasma glucose, insulin and fatty acid analysis in ponies maintained on a forage-based diet. *Journal of Animal Physiology and Animal Nutrition*. 2018;1–8. DOI: 10.1111/jpn.12905.
- Gastal, G.D.A., J.M. Feugang, F.L.N. Aguiar, A.P.R. Rodrigues, J.M. Scimeca, G.A. Apgar, W.J. Banz, E.L. Gastal.
 Cryopreservation and in vitro culture of white-tailed deer ovarian tissue. Theriogenology. 113 (2018) 253-260.
- Velho, Ana Luiza Cazaux, Einko Topper, Erika Menezes, Thu Dinh, Abdullah Kaya, Arlindo Alencar Moura, Erdogan Memili. Metabolomic markers of fertility in bull seminal plasma. PLOS ONE. https://doi.org/10.1371/ journal.pone.0195279.
- Owen, MPT, EN Ferjak, CA Cavinder, KJ McCarty, KC Yankey, CG Hart, DD Burnett, TTN Dinh, CO Lemley. Effects of body condition score (BCS) on steroid- and elcosanoid- metabolizing enzyme activity in various mare tissues during winter anoestrus. Reproduction in Domestic Animals. 2018;53:296–303. https://doi.org/10.1111/ rda.13104.
- Park, Seong B., Scott T. Willard, Christy S. Steadman, Atul A. Chaudhari, Shreekumar R. Pillai, Shree R. Singh, Peter L. Ryan and Jean M. Feugang. Proteomic analysis of antimicrobial effects of pegylated silver coated carbon nanotubes in Salmonella enterica serovar Typhimurium. Journal of Nanobiotechnology. (2018) 16:31 https://doi.org/10.1186/s12951-018-0355-0.
- Cavinder, C. A., PAS, E. N. Ferjak, C. A. Phillips, D. D. Burnett, and T. T. N. Dinh. REVIEW: The Importance of overall body fat content in horses. The Professional Animal Scientist 34:125—132. https://doi.org/10.15232/pas.2017-01708
- Sukumaran, Anuraj T., Alexander J. Holtcamp, April K. Englishbey, Yan L. Campbell, Taejo Kim, Mark W. Schilling, Thu T.N. Dinh. Effect of deboning time on the growth of Salmonella, E. coli, aerobic, and lactic acid bacteria during beef sausage processing and storage. Meat Science 139 (2018) 49–55.
- Wang, T., M. A. Crenshaw, N. Regmi, B. J. Rude, M. S. Hasan, A. T. Sukumaran, T. Dinh, and S. F. Liao. 2018. Effects of dietary lysine level on the content and fatty acid composition of the intramuscular fat in late-stage finishing pigs. Canadian Journal of Animal Science. 98: 241-249. DOI: dx.doi.org/10.1139/cjas-2017-0083.
- Owen, M.P.T., K.J. McCarty, C.G. Hart, C.S. Steadman, C.O. Lemley. Endometrial blood perfusion as assessed using a novel laser Doppler technique in Angus cows. Animal Reproduction Science. 190 (2018) 119-126. https:// doi.org/10.1016/j.anireprosci.2018.01.015.
- Feugang, Jean M., Shengfa F. Liao, Scott T. Willard, and Peter L. Ryan. In-depth proteomic analysis of boar spermatozoa through shotgun and gel-based methods. BMC Genomics. (2018) 19:62 DOI 10.1186/s12864-018-4442-2.
- Liao, Shengfa F., Naresh Regmi, Guoyao Wu. Homeostatic Regulation of Plasma Amino Acid Concentrations. Frontiers in Bioscience, Landmark. 23, 640-655, January 1, 2018.

2018 Book Chapters:

Jain, Sapna, Seong B. Park, Shreekmar R. Pillai, Peter L. Ryan, Scott T. Willard and Jean M. Feugang. Applications of Fluorescent Quantum Dots for Reproductive Medicine and Disease Detection. In Unraveling the Safety Profile of Nanoscale Particles and Materials—From Biomedical to Environmental Applications, Chapter 6, pp. 133-148, http:// dx.doi.org/10.5772/intechopen.72978.