

ANIMAL & DAIRY SCIENCES



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Dixie National Livestock Show Volunteers

We would like to remind you that the Dixie National Livestock Show is coming very soon!! The sign up sheets are on the 4th floor of Wise. We are in need of help on the following days:

Wednesday January 30th: both shifts - 4 slots each

Thursday January 31st: am shift - 4 slots; pm shift - 2 slots

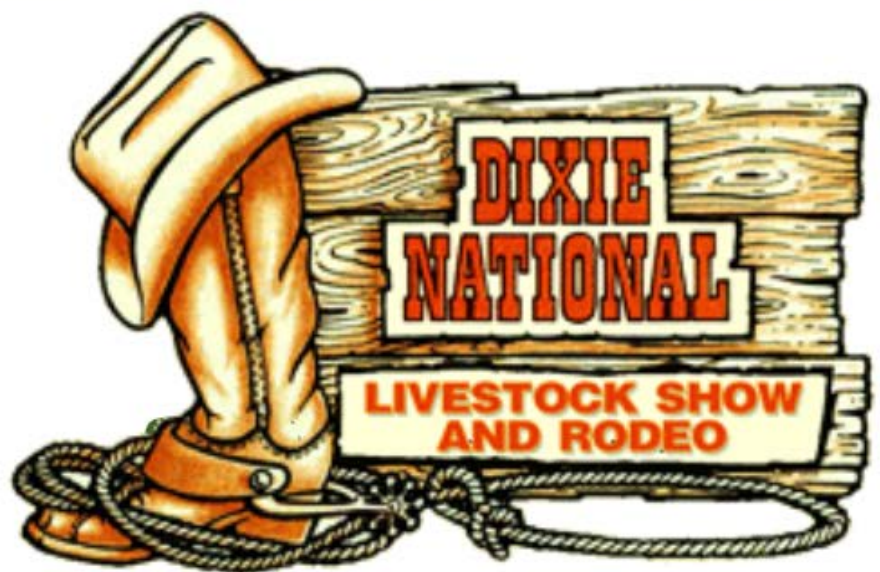
Monday February 4th: both shifts - 4 slots each

Tuesday February 5th: both shifts - 4 slots each

Wednesday February 6th: both shifts - 4 slots each

Thursday February 7th: both shifts - 4 slots each

Saturday February 9th: both shifts - 2 slots each



January 31 – February 17

Dr. Shengfa Liao, Invited to Speak



On December 13, 2018, Dr. Shengfa Liao was invited to give a talk, titled “Using RNA-Sequencing Technology to Study Nutrient-Gene Interactions in Agricultural Animals”, at the College of Veterinary Medicine, Nanjing Agricultural University, Nanjing, Jiangsu, China.



National Milk Day



January 11th was national milk day. Students celebrated in their Immunology and Disease course by enjoying some chocolate milk!





NATIONAL MASTITIS COUNCIL
ANNUAL MEETING
 JANUARY 29 - FEBRUARY 1, 2019
 SAVANNAH, GEORGIA, USA



A global organization for mastitis control and milk quality

SCHEDULE AT A GLANCE

	Tuesday January 29	Wednesday January 30	Thursday January 31	Friday February 1
Morning	Dairy Farm Tour Departs at 8:00 a.m.	Board of Directors Meeting 7:00 a.m.-3:00 p.m. Short Courses 8:00-11:00 a.m.	Breakfast and Product Launch/Introduction 6:45-8:00 a.m. Sponsored by AgriLabs Fun Run/Walk 7:00-8:00 a.m. Committee Meetings 8:15-9:45 a.m. General Session 10:00 a.m.-Noon Technology Transfer Session (poster session)	Breakfast and Product Launch/Introduction 6:45-8:00 a.m. Sponsored by Acumen Detection Committee Meetings 8:15-9:45 a.m. General Session 10:00 a.m.-Noon Technology Transfer Session (poster session)
Afternoon	Dairy Farm Tour Returns at 5:30 p.m.	Short Courses 12:30-3:30/ 4:30 p.m. Committee Meetings 3:30-5:30 p.m.	Lunch and Product Launch/Introduction 12:15-1:45 p.m. Sponsored by Zoetis General Session 2:00-5:00 p.m. Research and Development Summaries Session 2:00-5:00 p.m.	Awards Luncheon and NMC Annual Business Meeting 12:05-1:30 p.m. Featured Symposium 2:00-5:00 p.m. Technology Transfer Session (poster session)
Evening		Short Courses 6:00-9:00 p.m.	Silent Auction and Reception 5:30-7:00 p.m. Sponsored by Boehringer Ingelheim	Board of Directors Gathering 5:30-7:00 p.m.

If any producers are interested in attending the National Mastitis Council annual meeting in Savannah, GA from January 29 to February 2, they are offering \$200 travel stipends for first-time attendees (producers and veterinarians). This is always a great meeting and worth attending. If you would like to take part in this, please contact JoDee Sattler at jdsattler@nmconline.org

HANDS ON HORSES

Join us **Saturday April 6th, 2019** at the MAFES Horse Unit for a hands-on day of practical horse management techniques!

Hay is for Horses

properly feeding the equine athlete

Heels Down, Eyes Up

the importance of good horsemanship

Pain in the What?

evaluating lameness

What's that Dooickey Do?

saddle fit and tack function

My Horse is just "Big-Boned"

body condition scoring

Vital Signs are Good

vital signs and how to take them

What's Going On?

current/ongoing research at MSU

Cost: \$45

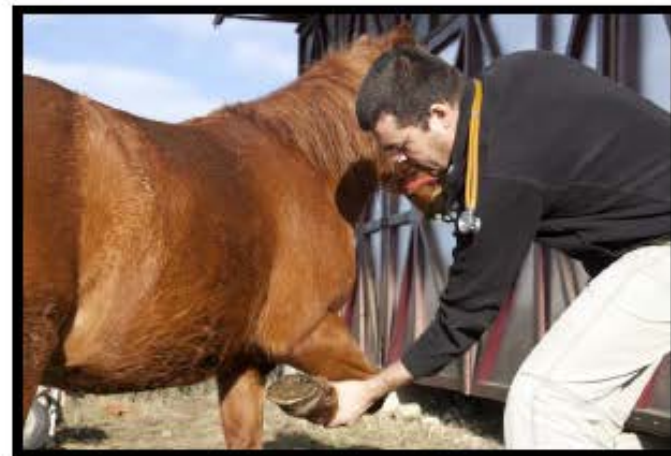
lunch and manual provided!

To Register Contact:

Dr. Clay Cavinder

clay.cavinder@msstate.edu or

662-325-7466; By **April 1st**



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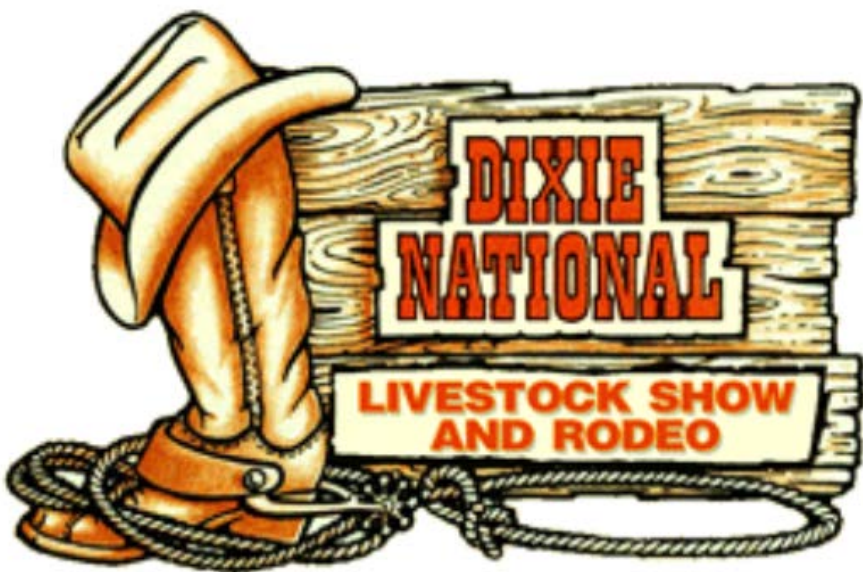
EXTENSION

Update on Lil Bill

#LilBill update:
we are
encouraging
him to become
a ruminant,
meaning that
he is being
offered grass
and grain (and
still some milk).
He now weighs
14 pounds and
loves to eat
grass!



Dixie National Livestock Show and Rodeo



Follow this link to check out the information on the 2019 Dixie Nationals!

<https://www.mdac.ms.gov/bureaus-departments/state-fair-commission/2019-dixie-national-livestock-show-and-rodeo/?fbclid=IwAROKG8hWWBUCKiOKrWkTrkN7WEtm17Tc-r16JOhJPDrreru1XbTsm2c6TIU>

2019 Dixie National Livestock Open Show Online Entry System

2019 Dixie National Junior Round-Up

2019 Application for Vendors/Exhibitors

2019 Open Barrow Entry Form

2019 Beef Judging Entry Form and 2019 Intercollegiate Beef Judging Contest Rules

Southern Bulldog Open Breed Fun Show

Come join us for the second annual fun show!! Show attire is relaxed but we asked that you don't mix match tack! Prizes will be award 1-4th Gaited classes, a couple walk trot classes and speed events! \$5 gate fee \$5 entry fee per class! Needing more details call Narsis Whigham @ 662-435-1312



Southern Bulldog Classic Open Breed Show

March 30th 2019

Louisville Coliseum

Negative Coggins Required

1. Open Halter Yearling/Weanling (Gaited and non-gaited) will be judged separately
2. Open Halter (Non-Gaited and Gaited) will be judged separately
3. Stick Horse
4. Lead Line (Open breed)
5. Open Western Pleasure (must canter)
6. Saddle Horse (Bare foot or keg)
7. Open Pleasure 17 and Under (Walk/Tot)
8. All Day Pleasure (open shod)
9. Open Ladies Flat shod
10. Youth Western Pleasure (must canter)
11. Style Racking
12. 2 & 3 Year old Gaited (open flat shod)
13. Open Spotted Flatshod
- ~Intermission ~
14. 2&3 walking padded (chain allowed)
15. Youth Flat Shod 17& Under
16. Racking open flatshod
17. Spotted trail pleasure
18. Open Ladies Padded (chain allowed)
19. Open Walk Trot
20. Water Glass (open breed)
21. Park Performance (chain allowed)
22. Speed Racking (3 gaits, Show walk, slow rack, fast rack)
23. Mares & Geldings Padded Stake (chain allowed)
24. Flat Shod Stake
25. Racking Padded Stake(chain optional)
26. Youth Flat Shod Stake (open shod)
27. Walking Padded Stake (w/chain)

~ Speed Classes ~ intermission before speed events

28. Panty Race
29. Barrel Pick UP
30. Polls
31. Barrels 18 & Over
32. Barrels 17 & Under



\$5 At the Gate and \$5 per Class
Location: 201 Ivy Ave, Louisville, MS 39339
Show Time 12:30

Upcoming Extension Events

Beef Extension - Dr. Brandi Karisch & Cobie Rutherford

Jan. 30 Feb. 1, 2019: National Cattlemen's Beef Association Convention, New Orleans, LA

Phone: (662) 325-7465 or brandi.karisch@msstate.edu (662) 325-4344 or cobie.rutherford@msstate.edu

Beef Calendar: <http://extension.msstate.edu/livestock/beef/beef-calendar>

Dairy Events - Dr. Amanda Stone

Phone: (662) 325-8773 or Email: amanda.stone@msstate.edu Website: <http://extension.msstate.edu/dairy>

4-H Events - Dr. Dean Jousan

February 2 - 17, 2019: Dixie National Livestock Show and Rodeo, MS State Fairgrounds, Jackson,
February 7, 2019: 2019 Dixie National Sale of Junior Champions, MS State Fairgrounds, Jackson,

Phone: (662) 325-2424

Email: dj230@msstate.edu [www.http://extension.msstate.edu/4-h](http://extension.msstate.edu/4-h)

Equine Events - Dr. Clay Cavinder

April 6, 2019: HANDS ON HORSES, MAFES Horse Unit, Starkville, MS

Contact Dr. Cavinder for information about programs and events. Phone: (662) 325-7566 or clay.cavinder@msstate.edu Website

<http://extension.msstate.edu/agriculture/livestock/equine/upcomingprograms>

2019 Refereed Publications

- Yang, Zhongyue, Md. Shamimul Hasan, John K. Htoo, **Derris D. Burnett**, **Jean M. Feugang**, **Mark A. Crenshaw**, and **Shengfa F. Liao**. Effects of dietary supplementation of L-methionine vs. DL-methionine on performance, plasma concentrations of free amino acids and other metabolites, and myogenesis gene expression in young growing pigs. *Translational Animal Science*. *Transl. Anim. Sci.* 2019.3:113–123. doi: 10.1093/tas/txy109.
- Gastal, G.D.A., **J.M. Feugang**, F.L.N. Aguiar, G.M. Ishak, **C.A. Cavinder**, **S.T. Willard**, **P.L. Ryan**, E.L. Gastal. Effect of cryopreservation techniques on proliferation and apoptosis of cultured equine ovarian tissue. *Theriogenology*. <https://doi.org/10.1016/j.theriogenology.2018.11.034>.