



Friday Notes
from
MSSTATE Poultry Science

Friday Notes - to keep you informed about noteworthy news from Poultry Science at Mississippi State....and let us hear from you as well!

***Poultry Science Department News:
Faculty, Staff, and Student Travel and Activities.***

- **Dr. Tabler** visited a Sanderson farm at Collins to discuss Miscanthus grass litter, March 14.
- **Drs. Beck and Tabler** met with personnel from BankPlus, March 15
- **Dr. Wamsley** attended the Feed Mill Managers conference in Nashville, March 15-17.

Thank you to...

- **Tyson Foods** for donating chicken leg quarters to the Poultry Science Club for our famous chicken plates.

***Welcome back, students, from Spring Break –
we hope your time away was safe, fun, and relaxing!
We wish you all the best for the rest of the semester.***

The Poultry Science Club's fundraising efforts for the New Zealand Poultry Science Study Tour to be held during Maymester, 2016, are well underway.

**They are selling
Every Friday:**

***Our famous chicken plates (quarter chicken, baked beans, bread) – \$6.00**

***Family chicken buckets (10 pieces, \$20; with quart of beans, \$25.00)**

Daily

***Mississippi State Eggs (NPIP certified) – \$5.00 per flat of 30 eggs**

Beginning March 11

Baby chicks – straight run, \$3/chick, NPIP Certified

Running Cumulative List of Scientific and Extension Publications, 2016

The following oral talks and posters were presented at the IPSF, Atlanta, GA; * indicates the presenting author and the abstracts may be found at http://www.ippexpo.org/ipsf/docs/2016SPSS_AbstractBook.pdf:

- **M65: Rosana Hirai***, Omar Gutierrez, **Kelley Wamsley, Ana Oliveira**, “Effects of varying phytase inclusion in conjunction with xylanase supplementation on 0-56 d male broiler performance.”
- **M83: Dima White***, Aaron Kiess, Tom Tabler, **Chris McDaniel, Yuhua Farnell, Shailesh Gurung, Marcelo Moreira**, Dan Zhao, **Morgan Farnell**, “Application of a commercially available cleaner and disinfectant via a compressed air foam system to decrease aerobic bacteria in pullet and layer houses.”
- **M84: Katie Collins***, Scott Branton, Jeff Evans, **E. David Peebles**, “Evaluation of the potential influence of the disinfection cycle on the efficacy of F-strain Mycoplasma gallisepticum vaccine administered by in ovo injection to layer hatching eggs.”
- **M122: Mark Lemons***, **Christopher McDaniel**, Joseph Moritz, **Kelley Wamsley**, “Influence of feed form (FF) and diet phase effects on 0-46 d broiler performance.”
- T146: Ivan Alvarado*, **Kelley Wamsley**, Alejandro Banda, “Evaluation of the synergistic effect of the live attenuated infectious bursal disease vaccine 89/03 and a recombinant HVT-IBD against early infectious bursal disease challenge in commercial broilers.”
- **P200: Katherine Lott***, **AJ Kawaoku, Holly Parker, Chris McDaniel**, “The male and female contribution to parthenogenesis-induced infertility in quail.”
- **P201: AJ Kawaoku***, **Katherine Lott, Holly Parker, Chris McDaniel**, “Roles of the male and female quail in egg component alterations due to the parthenogenetic trait.”
- **P202: Pedro Mota***, **Melissa Triplett, David Peebles, Christopher McDaniel, Aaron Kiess**, “Investigating the potential to introduce Lactobacillus acidophilus and Bacillus subtilis to the broiler embryo through commercial in ovo technology.”
- **P204: Edgar Peebles***, Floyd Wilson, Taylor Barbosa, Timothy Cummings, John Dickson, **Sharon Womack**, “Comparative effects of in ovo versus subcutaneous vaccination and pre-placement holding time on scanning electron micrograph and histomorphometric measurements of small intestinal villus length and villus/crypt ratios in broiler chickens.”
- **P210: Alisha Moore***, **Chander Sharma**, “Antimicrobial efficacy of acidified lactic acid, propionic acid, and lauric arginate against Salmonella in ground chicken frames.”
- **P318: Ana Beatriz Oliveira***, **Wei Zhai, Kelley Wamsley**, “Feasibility of using Elusieve processing to improve the nutritional profile of feed ingredients used in commercial poultry diet formulation.”
 - **NOTE: Ana received an Honorable Mention in the Don R. Sloan Undergraduate Research Competition for this presentation and a check for \$250.**

USDA-ARS Poultry Research Unit Publications:

- Abstracts presented at the International Poultry Scientific Forum, Atlanta GA, Jan. 25-26;
http://www.ippexpo.org/ipsf/docs/2016SPSS_AbstractBook.pdf:
 - J.L. Purswell and S.L. Branton. 2016. Performance of an automated whole-house vaccination system.
 - J.E. Linhoss, J.L. Purswell, and J.D. Davis. 2016. Preferences of young chicks for varying radiant fluxes.
 - H. Olanrewaju, Influence of light sources and photoperiod on growth performance and carcass characteristics of heavy broilers at 56 days of age.