



**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 Peco farms at Okolona and Macon, March 28 and 30.
- **Mrs. Wells**, assisted by undergrads **Hannah Abrams, Abby Case, Twain Womack, Ashley Mae Watkins** and **Addie Davis**, conducted Hatch-out Programs at Suddeth Elementary (K-2, 9 classes), French Camp Elementary (1 class), Montgomery County (2<sup>nd</sup> grade, 1 class), and Starkville Christian (HS, 1 class).
- **Drs. Wamsley, Zhai, Kiess** and **Sharma** presented research updates to members of the MPA Executive Committee, April 1.
- **Dr. Farnell** received a \$75k grant from USPOULTRY to conduct research on chick euthanasia, April 1.

***Crawfish Boil Spring Function Reminder!!  
Today, Hill Poultry Science (around back)  
3-6:30pm  
(MSU Baseball against Ole Miss, 6:30)***

**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 IPSE, Atlanta, GA; \* indicates the presenting author and the abstracts may be found at [http://www.ippexpo.org/ipsf/docs/2016SPSS\\_AbstractBook.pdf](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](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.