



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.

- **Mrs. Wells**, assisted by **Mrs. Christensen** and **Mark Lemons** (PhD student with **Dr Wamsley**) presided at the Southeast 4-H Project Achievement Day at Laurel Middle School, June 7.
- **Dr. Tabler** attended the MPA Board of Directors meeting and **Dr. Beck** participated by conference call, Pearl, June 7.
- **Dr. Tabler** attended the Extension Academic Council meeting on behalf of Dr. Beck, June 8.
- **Dr. Tabler**, accompanied by **Mark Lemons**, visited a Peco hen farm at Noxapater, June 9.
- **Mrs. Christensen** has assumed the duties of Building Coordinator, effective immediately.

Recent Publication...

- **Tom Tabler**, Jonathan Moyle, **Jessica Wells**, Morgan Farnell, "Composting Poultry Mortality: A Critical Daily Management Chore"
<http://extension.msstate.edu/sites/default/files/publications/publications/p2960.pdf>

Thank you to...

- **Chrysta Beck, Abby Case, Brandon Dickinson, Rosana Hirai, Danelle Moffett, Gil Odom, Katie Oakley, Katie Roper**, along with **Drs. Tabler, Kiess and Wamsley**, for exemplary representation of Mississippi State and Poultry Science, on the recent Study Tour to New Zealand. In the words of our bus driver,

"Hello Mary

I hope your return travels went smoothly - for you and all other NZ Study Tour travellers.

No doubt you are now in some much warmer (and hopefully better) weather than we are currently having. I have been thinking about how to pen this and here goes! I can't begin to express how much we enjoyed being of service to your group - the warmth, camaraderie and inclusivity of your group was absolutely without precedence in our experience of providing overseas tour work.

It is such a tribute to your organisation that of course, faculty, but students also, were so positively and genuinely receptive to all their experiences here and were unfailingly polite and friendly at all times. Wonderful to see a group of young people so focused on what they want to do and soaking up each and every day spent in New Zealand. From our team to yours, thank you! Interacting with your culture, for us, was a huge amount of fun and we will have treasured memories.

Again, many thanks for choosing to use our services.

Warm Regards

Shona - WHANGAREI PASSENGER SERVICES

***Reminder: Starkville Farmers Market:
Poultry Science eggs, sold by the PS Club as a fundraiser,
and
NOW
Poultry Science eggs are also in the MAFES Store***

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.**
- Jason Barrett and **George Thomas Tabler**, “Private water well placement and sizing for poultry production,”
<http://extension.msstate.edu/sites/default/files/publications/publications/p29>

[53.pdf](#)

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.