



*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!

***Faculty and Staff Travel and Activities:***

- **Drs. Tabler, McDaniel and Farnell** visited a Sanderson grower at McComb to assess various management practices, Feb. 5.
- **Dr. Tabler** visited a Sanderson grower in Collins to discuss management practices, Feb. 14.
- **Dr. Farnell** hosted an Ag Engineer from the University of Delaware, with whom he is working on a Foam Euthanasia grant through USDA, Feb. 10-13.
- **Dr. Zhai** represented Poultry Science on the DAFVM Senate, Feb. 13.

***Graduate Seminar:***

- Presented by **Tiago Birro**, visiting PhD student from Brazil with **Dr. Peebles**, Feb. 14.

***Recent Publication:***

- **Tom Tabler, Morgan Farnell, Jessica Wells, Haitham Yakout, and Yi Liang**, "Controlling Rodents on the Poultry Farm,"  
<http://msucares.com/pubs/publications/p2824.pdf>

### ***Running Cumulative List of Scientific and Extension Publications, 2014***

- **Tom Tabler**, F. Dustan Clark, Jonathan R. Moyle, Yi Liang, **Jessica Wells**, and **Morgan Farnell**, “Windrow Composting Broiler Litter between Flocks,” <http://msucares.com/pubs/publications/p2818.pdf>.
- C.L. Williams, **G.T. Tabler** and S.E. Watkins, 2013. Comparison of broiler flock daily water consumption and water-to-feed ratios for flocks grown in 1991, 2000-2001, and 2010-2011. J Appl Poultry Research, 22:934-941. <http://dx.doi.org/10.3382/japr.2013-00767>
- Abstracts from the 2014 IPSF: <http://www.ippexpo.org/ipsf/docs/2014%20IPSF%20Abstracts.pdf>
  - M6 Detection of parthenogenesis in mated quail hens and its impact on fertilization  
**Priscila Santa Rosa\***, **Holly Parker**, **Aaron Kiess**, **Chris McDaniel**
  - M9 Physiological responses of broiler hatchlings to commercial in ovo coccidiosis vaccine administered on days 18.5 and 19.0 of incubation  
**Adebayo Sokale\***, **E. David Peebles**, **Wei Zhai**, Timothy S. Cummings, Christopher J. Williams
  - M24 Apparent ileal amino acid digestibility (AIAAD) of various animal by-product blends (ABB) in broilers aged 21 and 42 d of age  
**Cameron Cardenas\***, Elizabeth Kim, Bob Hill, **Kelley Wamsley**
  - M36 Effects of limestone particle size in pullet diets on hen performance, bone mineral density and keel bone deformities in aviaries or conventional cages  
Pamela Eusebio-Balcazar\*, **Mary Beck**, Sheila Purdum
  - M48 Antimicrobial activity of carvacrol against Salmonella on turkey breast cutlets packaged under modified atmosphere  
**Divek V. T. Nair\***, **Chander Shekhar Sharma**
  - M66 Effects of diet type and nutrient density from day 8 to 21 on bone morphology, breaking strength, and mineral density in male broilers  
**Xi Wang\***, **E. David Peebles**, Mark Bricka, **Wei Zhai**
  - T137 Effects of dietary lysine and methionine supplementation on growth performance and meat yield of male broilers  
**Wei Zhai\***, **E. David Peebles**, Wes Schilling, Yves Mercier
  - P205 Effects of the in ovo injection of 25-hydroxylcholecalciferol on the yolk characteristics of embryonated broiler hatching eggs  
**Nayara Pelici\***, **Wei Zhai**, **Sharon Womack**, **E. David Peebles**
  - P206 Effects of the in ovo injection of 25-hydroxylcholecalciferol on serum calcium and phosphorous concentrations in broiler embryos  
**Midian Nascimento\***, **Wei Zhai**, **Sharon Womack**, **E. David Peebles**
  - P211 Effects of the raising model on semen quality and fertility of male Sichuan White Geese  
**Anfang Liu\***, Mingjun Chen, Jing Zhang, Wang Xi, Jie Liu, Xia Qiu, Hongpeng Ma, Wei Zhai
  - P212 Effects of single nucleotide polymorphism of H-FABP gene on carcass traits in Sichuan White Geese  
**Anfang Liu\***, Shukai Yuan, Jing Zhang, Jie Liu, Xia Qiu, Hongpeng Ma
  - P235 The effect of varying the inclusion of two different anticoccidials into a commercial diet on D0-49 Ross 708 bird performance  
**Rosana Hirai\***, Timothy Cummings, **Kelley Wamsley**
  - P241 Dietary Alterations with Live Coccidiosis Vaccine (LCV) Response and D0-46 Ross 708 Broiler Performance  
**Robert Sellers\***, **Wei Zhai**, Carla Price, Phil Stayer, **Tom Tabler**