



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!

Departmental Notes:

- **President Keenum** visited Hill Poultry Science Tuesday, March 5, for a round-table discussion with faculty, staff, and undergrad and grad students. It was a most productive and enjoyable event.
- **Jessica Wells** took 14 students, along with **Drs. Tabler and Wamsley**, to Laurel for the **Super Chicken Road Show** at *Sanderson Farms* Thursday, February 28 and on to McComb to tour processing plant and feed mill on Friday March 1.
- **Abiodun Bello** presented the **Graduate Seminar** on Wednesday, Feb. 27.
- **Roy Mon Jacob** presented the **Graduate Seminar** on Wednesday, March 6.

Faculty and Staff Travel and Activities:

- **Dr. Tabler** visited Wayne Farms in Laurel, Friday, March 8.
- **Dr. Beck** attended the Board of Animal Health in Jackson, Wed., March 6.
- **Jessica Wells** spent Friday afternoon in a 4th grade class studying baby chicks at Ward-Stewart Elementary School, Starkville, Fri., March 8

Congratulations to... ☺

- **Abiodun Bello**, M.S. Student with **Dr. Peebles**, who defended his Master's thesis, Tuesday, Feb. 26.
- **Dr. Chris McDaniel**, who came in 9th overall and 2nd in his age group in the Cummins Falls Marathon in Cookeville, TN, Feb. 23; he became a card-carrying member of the *Marathon Maniacs*...
- **Dr. Peebles**, for being nominated for the Giles Distinguished Professorship and the Evonik Deguss Achievement Award (Poultry Science Association).
- **Dr. Holly Parker**, for being nominated for the Tyson Support Personnel Award (Poultry Science Association).
- **Drs. Wei Zhai, Dave Peebles and Aaron Kiess**, for the following papers listed among the 50 "most-read" or "most-cited" papers printed in *Poultry Science* (last 2 years) or the *Journal of Applied Poultry Research* (since 1990):
 - **Poultry Science - Most-Read:**
 - **17. Processing, Products, and Food Safety** - Review - K. N. Eberle and A. S. Kiess. Phenotypic and genotypic methods for typing *Campylobacter jejuni* and *Campylobacter coli* in poultry. *Poult Sci* 2012 91:255-264; doi:10.3382/ps.2011-01414.

- **24. Immunology, Health, and Disease: *Mycoplasma gallisepticum* transmission:** Comparison of commercial F-strain vaccine versus layer complex-derived field strains in a tunnel ventilated house^a. J. L. Purswell, J. D. Evans, S. A. Leigh, S. D. Collier, H. A. Olanrewaju, E. J. Kim, G. T. Pharr, **E. D. Peebles**, and S. L. Branton. *Poult Sci* 2012 91:3072-3079; doi:10.3382/ps.2012-02619
- **36. Physiology, Endocrinology, and Reproduction:** Effects of commercial in ovo injection of carbohydrates on broiler embryogenesis. **W. Zhai**, D. E. Rowe, and **E. D. Peebles**. *Poult Sci* 2011 90:1295-1301; doi:10.3382/ps.2010-01130.
- ***Poultry Science* – Most-Cited:**
 - **2. Environment, Well-Being, and Behavior - Research Note:** Use of implantable temperature transponders for the determination of air cell temperature, eggshell water vapor conductance, and their functional relationships in embryonated broiler hatching eggs. R. Pulikanti, **E. D. Peebles**, and P. D. Gerard. *Poult Sci* 2011 90:1191-1196; doi:10.3382/ps.2010-01191
 - **14. Physiology, Endocrinology, and Reproduction:** Effects of commercial in ovo injection of carbohydrates on broiler embryogenesis. **W. Zhai**, D. E. Rowe, and **E. D. Peebles**. *Poult Sci* 2011 90:1295-1301; doi:10.3382/ps.2010-01130
 - **33. Environment, Well-Being, and Behavior:** Effects of in ovo injection of carbohydrates on embryonic metabolism, hatchability, and subsequent somatic characteristics of broiler hatchlings. **W. Zhai**, P. D. Gerard, R. Pulikanti, and **E. D. Peebles**. *Poult Sci* 2011 90:2134-2143; doi:10.3382/ps.2011-01418
- ***JAPR* – Most-Read:**
 - **1.** J. D. Brake, **T. N. Chamblee**, C. D. Schultz, **E. D. Peebles**, and J. P. Thaxton. Daily Feed and Water Consumption of Broiler Chicks From 0 to 21 Days of Age. *J Appl Poult Res Summer*, 1992 1:160-163.
- ***JAPR* – Most-Cited:**
 - **3.** M. T. Kidd, **C. D. McDaniel**, S. L. Branton, E. R. Miller, B. B. Boren, and B. I. Fancher. Increasing Amino Acid Density Improves Live Performance and Carcass Yields of Commercial Broilers. *J Appl Poult Res Winter*, 2004 13:593-604