



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.

- **Drs. Beck, Adhikari, Kiess, Tabler, Wamsley, Zhai, and Zhang;** and research associates **Nuthalapathi** and **Elliott**; attended and participated in the International Poultry Scientific Forum (IPSF) and the IPPEXPO in Atlanta, Feb. 11-14.
 - **Dr. Beck** managed the IPSF scientific program with 362 abstracts and 1563 attendees;
 - **Drs. Adhikari** and **Kiess** moderated sessions and **Drs. Tabler, Wamsley** and **Elliott** judged student presentations.
- **Drs. Adhikari, Peebles, Sukumaran, Tabler, Wamsley, Zhang,** and **Mr. Moon,** hosted a group of agricultural engineers led by Dr. Yang Zhao, ABE, with a discussion and farm tour, Feb. 15.
- **Mrs. Wells,** assisted by undergrad students **Josie, Gamble, Tiffany Allen, Elizabeth Usery, Kelsey Faulkner, Tori Williams,** and **Will Graves,** hosted Academic Insight for admitted poultry science students. **Drs. Beck, Wamsley, Tabler,** and **Sukumaran** participated as well, Feb 16.
- ***Congratulations to...***
 - **Lauren Lindsey** (Undergraduate Research Scholar with **Dr. Peebles**) for winning the Don R. Sloan Undergraduate Research Oral Presentation Award (listed below).
 - **Josie Gamble** (Undergraduate Research Scholar with **Dr. Kiess**) for winning the Don R. Sloan Undergraduate Research Poster Presentation Award (listed below).
- ***Abstracts of Presentations at the IPSF, Atlanta, February 11-12, 2019; these can be accessed at www.ippexpo.org/ispf :***
 - **Chrysta Beck*, Christopher McDaniel, Kelley Wamsley, G. Pharr, Aaron Kiess,** "In ovo injection of probiotic bacteria and its influence on the broiler immune system during a coccidia challenge"
 - **Abdulmohsen Alqhtani*,** Scott Branton, Jeff Evans, **Katie Elliott, David Peebles,** "The effects of in ovo administration of 6/85 Mycoplasma gallisepticum vaccine on layer chicken embryo hatchability and early post-hatch performance "
 - **Andrew Brown*,** Mark Lemons, **Christopher McDaniel,** Joseph Moritz, **Kelley Wamsley,** "Determining the average particle size (APS) consumed

between two broiler strains (S) receiving diets varying in feed form (FF) and feed quality (FQ) and the subsequent impact on starter performance (0-6 and 0-18 d)”

- **Courtney Ennis***, Mark Jackson, Omar Gutierrez, Staci Cantley, **Kelley Wamsley**, “Effects of superdosing phytase and use of carbohydrase enzymes in low energy diets on 56 day male broiler performance and processing”
- **Milan Sharma***, Carlos Domenech, **Pratima Adhikari**, “Effect of feeding pronutrient (Alquernat Nebsui L) on hen day egg production, egg quality and small intestine histomorphology of laying hens. ‘
- **Bo Zhang***, **Wei Zhai**, “Effects of riboflavin on growth performance, processing yield, and internal organ development of Ross 708 male broilers”
- **Saman Fatemi***, **Katie Elliott**, Abiodun Bello, Bradley Turner, Haijun Zhang, **Edgar Peebles**, “Effects of the in ovo injection of vitamin D3 and 25-hydroxyvitamin D3 on immunity and small intestine morphology in broilers fed commercial or calcium and phosphorous-restricted diets”
- **Rosana Hirai***, Leonel Mejia, Cesar Coto, Justina Caldas, **Christopher McDaniel**, **Kelley Wamsley**, “Impact of feeding varying grower digestible lysine and energy levels to female Cobb MV × Cobb 500 broilers on 42-day growth performance and processing yield”
- **Katie Elliott***, Scott Branton, Jeffrey Evans, **Edgar Peebles**, “Early chick immunity after in ovo vaccination of F strain Mycoplasma gallisepticum and the influence of sex on the response to the vaccination”
- **Josie Gamble***, **Claudia Castaneda**, **Kelley Wamsley**, **Christopher McDaniel**, **Aaron Kiess**, “In ovo injected Bacillus subtilis probiotic serotypes alter broiler hatchability and intestinal microflora”
- **Lauren Lindsey***, **Katie Elliott**, **Sayed Fatemi**, **Peter Ishola**, Patrick Gerard, **Edgar Peebles**, “Incubational and embryonic temperature relationships in Ross 708 broiler hatching eggs”